

27th European Meeting on Hypertension and Cardiovascular Protection

June 16 - 19, 2017 Milan

www.esh2017.eu



FINAL PROGRAMME

27th European Meeting on Hypertension and Cardiovascular Protection

June 16-19, 2017 Milan

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FINAL PROGRAMME



European
Society of
Hypertension

WITH THE PATRONAGE OF:



Istituto di ricovero e cura a carattere scientifico



Società Italiana dell'Ipertensione Arteriosa
Legg Italiana contro l'Ipertensione Arteriosa



Ricerca e Innovazione su
Ipertensione e Protezione
Cardiovascolare



Policlinico di Monza
Istituto ad Alta Specializzazione

CONGRESS VENUE:



MiCo – Milano Congressi
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Welcome Letter

Dear Colleagues,

it is a great pleasure to welcome you to the 27th Scientific Meeting of the European Society of Hypertension (ESH) on "Hypertension and Cardiovascular Protection", held in Milan on June 16-19.

Given the large amount of high quality research which is carried on in Europe on hypertension and related cardiovascular diseases, a significant portion of the scientific programme will be devoted to original scientific data, via oral and Poster presentations of abstracts selected through a peer review process. Poster presentations will be given special visibility through dedicated sessions, structured discussions and final individual commentaries.

The scientific programme will include multiple State-of-the-Art Lectures, Debates and Round Tables on issues on major current interest and controversy (among which the data provided by recent trials), also with the aim to discuss their impact on future hypertension guidelines. As in the past, the program will reserve a wide space to the practical aspects of the management of hypertension via Teaching, How-to, Meet the Expert and Clinical case sessions as well as via sessions reserved to hypertension specialists and ESH Excellence Centers. An important contribution will also come from Sessions organized by the Industry.

As usually, the ESH meeting will be held in the Congress Center of the Milan City Fair, which can optimally accommodate the large number of participants and the diversified scientific and educational activities that characterize the European Hypertension Meetings, with also a suitable exhibition space for the Industry. The City Fair is only few stops away from the center of Milan (the Cathedral Square) and can be easily reached from major Hotels.

We look forward to seeing European hypertensiologists in Milan, together with the many investigators and clinicians from the extra-European countries who have in the past always importantly contributed to the ESH meetings.

Prof. Giuseppe Mancia
President of the ESH 2017 Meeting



Prof. Enrico Agabiti Rosei
ESH President



ESH Council

President:	E. Agabiti-Rosei (Italy)
Vice-President:	M. Azizi (France) <i>ESH Hypertension Specialist Programme</i>
Secretary:	K. Tsioufis (Greece)
Treasurer:	M. Burnier (Switzerland)
Officer-at-large:	B. Jelakovic (Croatia) <i>ESH Excellence Centres Programme</i>
Immediate Past President:	A.F. Dominiczak (United Kingdom)

MEMBERS

M. Bochud (Switzerland)	
T. Kahan (Sweden)	
R. Kreutz (Germany)	
E. Lurbe (Spain)	
P. van de Borne (Belgium)	
B. Williams (U.K)	
C. Borghi (Italy)	<i>Ex-officio ISH representative</i>
D. Lovic (Serbia)	<i>Ex-officio representative of the Presidents ESH Affiliated Societies</i>

EXECUTIVE OFFICERS

G. Mancia (Italy)	<i>Chair, ESH Educational Committee, ESH Foundation</i>
G. Parati (Italy)	<i>Coordinator Working Group Activities</i>
D.L. Clement (Belgium)	<i>ESH Representative for contacts with the EU Officers</i>
A. Coca (Spain)	<i>Chairman of the ESC Council for Hypertension (ESH Latin American Affiliation program)</i>

Local Scientific Committee

Honorary President:	A. Zanchetti
Chairman of the Congress:	G. Mancia

MEMBERS

C. Borghi	G. Grassi
S. Carugo	F. Magrini
C. Cuspidi	A. Morganti
C. Giannattasio	G. Parati

Sponsor Acknowledgements

The ESH Council and the Local Scientific Committee would like to express their gratitude to all those who have generously contributed to the Scientific Programme:

PLATINUM



SILVER

Menarini Group
Merck KGaA

BRONZE

Egis
Omron Healthcare Europe

SUPPORTERS

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SMT Medical Technology
SOMNOmedics
Spacelabs Healthcare
Vifor Pharma
Wisepress

Industry Sponsored Satellite Symposia

SATURDAY, JUNE 17

12.30 – 14.00

BLUE HALL

IMPROVING MANAGEMENT OF HYPERTENSION: IS EARLY USE OF COMBINATIONS THE SOLUTION?

Supported by **Servier**

SUNDAY, JUNE 18

12.30 – 14.00

BLUE HALL

THE ROLE OF SYMPATHETIC OVERDRIVE IN HYPERTENSION

Supported by **Merck KGaA**

Industry Sponsored Educational Session

SATURDAY, JUNE 17

14.30 – 16.00

BLUE HALL

RAMIPRIL/AMLODIPINE FDC THERAPY IN EVERYDAY PRACTICE

Supported by **Egis**

Industry Sponsored Symposium

SUNDAY, JUNE 18

11.00 – 12.10

YELLOW HALL 1

CAVI AND BP INDEPENDENCY: VALIDATION AND CLINICAL USEFULNESS

Supported by **Fukuda Denshi**

Industry Sponsored Minisymposia

SATURDAY, JUNE 17

09.30 – 10.30

RED HALL 1

GUIDELINES AND INITIAL TREATMENT: TIME FOR A CHANGE?

Supported by *Daiichi Sankyo/Menarini Group*

10.00 – 11.00

RED HALL 2

BEYOND GLUCOSE CONTROL: EXPLORING THE EVIDENCE FROM EMPA-REG OUTCOME®

Supported by *Boehringer Ingelheim & Eli Lilly and Company Diabetes Alliance*

10.00 – 11.00

YELLOW HALL 1

THE GROWING ACCEPTANCE OF BAROREFLEX ACTIVATION THERAPY FOR THE TREATMENT OF RESISTANT HYPERTENSION IN EUROPE

Supported by *CVRx*

11.00 – 12.00

RED HALL 2

FUTURE PERSPECTIVES IN HYPERTENSION CONTROL

Supported by *Omron Healthcare Europe*

11.00 – 12.00

YELLOW HALL 1

THE LEGEND OF Z

Supported by *Menarini Group*

14.30 – 15.30

RED HALL 1

CURRENT ADVANCEMENTS IN RENAL DENERVATION AND THE SPYRAL HTN PROGRAM

Supported by *Medtronic*

SUNDAY, JUNE 18

10.00 – 11.00

RED HALL 1

HYPERURICAEMIA: A CARDIO-RENAL MATRIX?

Supported by *Menarini Group*

11.00 – 12.00

BLUE HALL

NEED FOR NEW SOLUTIONS TO IMPROVE THE MANAGEMENT OF HYPERTENSION

Supported by *Servier*

11.00 – 12.00

RED HALL 1

OACS: FROM THE BASICS TO THE EVIDENCES

*Supported by **Bristol-Myers Squibb***

14.00 – 15.00

BLUE HALL

HOW CAN WE OPTIMIZE CARE FOR HYPERTENSIVE PATIENTS WITH DIABETES

*Supported by **Servier***

14.30 – 15.30

RED HALL 2

ENABLING AND OPTIMIZING RAASi THERAPY IN CARDIORENAL PATIENTS BY CONTROLLING POTASSIUM LEVELS

*Supported by **Vifor Pharma***

15.00 – 16.00

BLUE HALL

THE RADIANCE-HTN STUDY: AN UPDATE ON A RANDOMIZED, SHAMCONTROLLED EVALUATION OF RENAL DENERVATION FOR ESSENTIAL AND RESISTANT HYPERTENSION

*Supported by **ReCor Medical***

Industry Sponsored How-To Session

SATURDAY, JUNE 17

14.00 – 15.00

YELLOW HALL 1

CONTINUOUS LONG-TERM BLOOD PRESSURE MEASUREMENT BASED ON PULSE-TRANSIT-TIME. IT'S ABOUT TIME

*Supported by **SOMNOmedics***

Meetings

SATURDAY, JUNE 17

09.00 - 10.00 // YELLOW HALL 1

Meeting with WG Coordinators

10.30 - 12.30 // MEETING ROOM 1

Board of Management Journal of Hypertension

11.00 - 18.00 // WHITE ROOM 1

ESH Care App Workshop

13.00 - 14.00 // WHITE ROOM 2

Editorial Board Journal of Hypertension

14.30 - 16.00 // WHITE ROOM 2

SHOT Investigator Meeting

15.30 - 16.00 // RED HALL 1

General Assembly

16.00 - 17.30 // WHITE ROOM 2

**Data Safety Monitoring Board
SHOT Investigator Meeting**

SUNDAY, JUNE 18

11.00 - 18.00 // WHITE ROOM 1

ESH Care App Workshop

13.00 - 13.30 // RED HALL 1

Meeting with Presidents of National Societies

13.30 - 14.00 // RED HALL 1

ESH Meeting for ESH Excellence Centre

18.30 - 19.30 // YELLOW HALL 3

ARTEMIS Registry and MASTER Study

MONDAY, JUNE 19

09.00 - 14.00 // WHITE ROOM 1

ESH Care App Workshop



SCIENTIFIC PROGRAMME

12 — Timetable

20 — Friday, June 16

31 — Saturday, June 17

56 — Sunday, June 18

82 — Monday, June 19



	SILVER HALL	BLUE HALL	RED HALL 1	RED HALL 2
13.30 14.30				14.00-15.30 Joint Session ESH-CHL Session 1 FROM CASES TO GUIDELINES. WHERE WE ARE AND WHAT SHALL WE DO
14.30 16.00		Joint Session ESH-JSH CLINICAL SIGNIFICANCE OF BP PATTERNS WITHIN THE 24 HOURS	15.00-17.00 Joint Session ESH-EAS OBESITY AND LIPIDS	
16.00 17.30		Joint Session ESH-EU Commission MOBILE HEALTH IN EUROPE - ENGAGING THE EUROPEAN SOCIETY OF HYPERTENSION WITH OTHER STAKEHOLDERS IN JOINT ACTIONS OF THE EUROPEAN COMMISSION AND MEMBERS STATES: TIME FOR ACTION!		15.30-17.30 Joint Session ESH-CHL Session 2 TARGET ORGAN DAMAGE: TRADITIONAL MEDICINE AND MODERN TECHNIQUE
17.30 19.30	OPENING OF THE CONGRESS			
19.30 21.00				

YELLOW HALL 1	YELLOW HALL 2	YELLOW HALL 3	BROWN HALL
<p>Joint Session ESH-KSH EAST MEETS WEST: REGIONAL DIFFERENCES IN THE MANAGEMENT OF HYPERTENSION</p>	<p>Teaching Course LARGE ARTERY ASSESSMENT: FROM THEORY TO PRACTICE</p>		<p>Teaching Course BLOOD PRESSURE MONITORING TEACHING COURSE - THEORY AND PRACTICE</p>
<p>Joint Session ESH-ISVH NON-HEMODYNAMIC DETERMINANTS OF ARTERIAL STIFFNESS DURING AGEING</p>		<p>The Balkanian Symposium SYMPOSIUM BALKAN EXCELLENCE CENTRES</p>	
<p>Symposium YOUNG INVESTIGATOR</p>	<p>Symposium HYPERTENSION AND THE KIDNEY</p>		



	SILVER HALL	BLUE HALL	RED HALL 1	RED HALL 2
07.45 08.45			Breakfast Workshop A HYPERTENSIVE PATIENT UNDERGOING NON CARDIAC SURGERY: MODERN APPROACH TO A COMMON SCENARIO	Breakfast Workshop TELEMEDICINE IN HYPERTENSION
08.50 10.50	09.00-10.30 Topical Workshop OLD AND NEW BLOOD PRESSURE MEASUREMENT APPROACHES	09.00-10.30 Joint Session ESH-ESC ATRIAL FIBRILLATION IN HYPERTENSION: CAUSE AND CONSEQUENCE	09.30-10.30 Minisymposium GUIDELINES AND INITIAL TREATMENT: TIME FOR A CHANGE? <i>Supported by Daiichi Sankyo/Menarini Group</i>	10.00-11.00 Minisymposium BEYOND GLUCOSE CONTROL: EXPLORING THE EVIDENCE FROM EMPA-REG OUTCOME® <i>Supported by Boehringer Ingelheim & Eli Lilly and Company Diabetes Alliance</i>
10.55 12.25	Topical Workshop DRUG ADHERENCE AND TREATMENT RESISTANCE	11.00-12.00 Symposium THE POLYPILL AND THE CHALLENGE OF CARDIOVASCULAR PREVENTION IN EUROPE	Oral Session 2A GENETICS, GENOMICS, PROTEOMICS, METABOLOMICS	11.00-12.00 Minisymposium FUTURE PERSPECTIVES IN HYPERTENSION CONTROL <i>Supported by Omron Healthcare Europe</i>
12.30 14.00	WORKING LUNCH (BOX LUNCH)			
12.30 14.00	Teaching Seminar SESSION 1	Satellite Symposium IMPROVING MANAGEMENT OF HYPERTENSION: IS EARLY USE OF COMBINATIONS THE SOLUTION? <i>Supported by Servier</i>		
14.00 15.00	14.00-15.30 Topical Workshop on Hot Issues SESSION 1	14.30-16.00 Educational Session RAMIPRIL/AMLODIPINE FDC THERAPY IN EVERYDAY PRACTICE <i>Supported by Egis</i>	14.30-15.30 Minisymposium CURRENT ADVANCEMENTS IN RENAL DENERVATION AND THE SPYRAL HTN PROGRAM <i>Supported by Medtronic</i>	14.30-16.00 Oral Session 3A KIDNEY
15.00 16.00				
16.00 17.30	Plenary Session KEYNOTE LECTURES			
17.30 19.00	ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA			

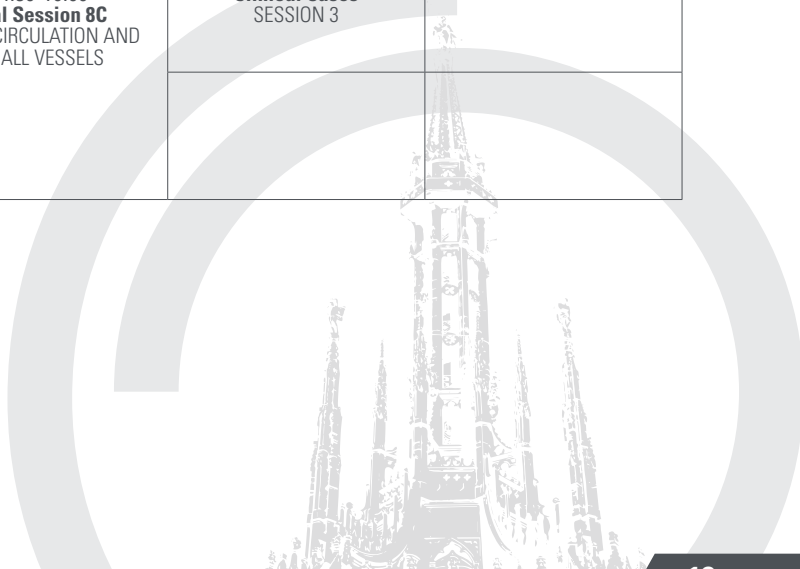
YELLOW HALL 1	YELLOW HALL 2	YELLOW HALL 3	BROWN HALL
Breakfast Workshop CENTRAL OVER PERIPHERAL BLOOD PRESSURE: AND THE BATTLE GOES ON...	Breakfast Workshop HYPERTENSION AND SEXUAL DYSFUNCTION	Breakfast Workshop THE ROLE OF HEART RATE REDUCTION IN THE TREATMENT OF HYPERTENSION: IS THERE EVIDENCE?	
10.00-11.00 Minisymposium THE GROWING ACCEPTANCE OF BAROREFLEX ACTIVATION THERAPY FOR THE TREATMENT OF RESISTANT HYPERTENSION IN EUROPE <i>Supported by CVRx</i>	Oral Session 1A CARDIOVASCULAR RISK FACTORS	Oral Session 1B CEREBROVASCULAR DISEASES, STROKE AND COGNITIVE DYSFUNCTION	Oral Session 1C BLOOD PRESSURE VARIABILITY
11.00-12.00 Minisymposium THE LEGEND OF Z <i>Supported by Menarini Group</i>	Oral Session 2B TREATMENT ADHERENCE	Oral Session 2C AGEING	Late-Breakers SESSION 1
WORKING LUNCH (BOX LUNCH)			
How-to Session CONTINUOUS LONG-TERM BLOOD PRESSURE MEASUREMENT BASED ON PULSE-TRANSIT-TIME. IT'S ABOUT TIME <i>Supported by SOMNOmedics</i>	14.00-15.30 Clinical Cases CLINICAL-PATHOLOGICAL CONFERENCE	14.30-16.00 Oral Session 3B CARDIAC DISEASE	14.30-16.00 Oral Session 3C EPIDEMIOLOGY OF HYPERTENSION AND METABOLIC DISORDERS
Meet-the-Expert HOW TO DISTINGUISH GOOD FROM BAD META-ANALYSIS			
ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA			

	SILVER HALL	BLUE HALL	RED HALL 1	RED HALL 2
07.45 08.45			Breakfast Workshop NEW MARKERS OF RENAL DAMAGE IN HYPERTENSION	Breakfast Workshop THE LANCET COMMISSION ON HYPERTENSION REPORT AND PROGRESSION
08.50 10.50	09.00-10.30 Topical Workshop CARDIOVASCULAR ALTERATIONS DURING AND FOLLOWING PREGNANCY	09.00-10.30 Joint Session ESH-LASH CHALLENGES IN BLOOD PRESSURE MANAGEMENT IN LATIN AMERICA	10.00-11.00 Minisymposium HYPERURICAEMIA: A CARDIO-RENAL MATRIX? <i>Supported by Menarini Group</i>	Oral Session 4A THERAPEUTICS AND CLINICAL TRIALS
10.55 12.25	Topical Workshop GENETICS AND PRECISION MEDICINE	11.00-12.00 Minisymposium NEED FOR NEW SOLUTIONS TO IMPROVE THE MANAGEMENT OF HYPERTENSION <i>Supported by Servier</i>	11.00-12.00 Minisymposium OACS: FROM THE BASICS TO THE EVIDENCES <i>Supported by Bristol-Myers Squibb</i>	Oral Session 5A KIDNEY
12.30 14.00	WORKING LUNCH (BOX LUNCH)			
12.30 14.00	Teaching Seminar SESSION 2	Satellite Symposium THE ROLE OF SYMPATHETIC OVERDRIVE IN HYPERTENSION <i>Supported by Merck KGaA</i>		
14.00 15.00	14.00-15.30 Topical Workshop on Hot Issues SESSION 2	Minisymposium HOW CAN WE OPTIMIZE CARE FOR HYPERTENSIVE PATIENTS WITH DIABETES <i>Supported by Servier</i>	14.30-16.00 Oral Session 6A BLOOD PRESSURE MEASUREMENT	14.30-15.30 Minisymposium ENABLING AND OPTIMIZING RAASI THERAPY IN CARDIO-RENAL PATIENTS BY CONTROLLING POTASSIUM LEVELS <i>Supported by Vifor Pharma</i>
15.00 16.00		Minisymposium THE RADIANCE-HTN STUDY: AN UPDATE ON A RANDOMIZED, SHAM-CONTROLLED EVALUATION OF RENAL DENERVATION FOR ESSENTIAL AND RESISTANT HYPERTENSION <i>Supported by ReCor Medical</i>		
16.00 17.30	Plenary Session - PRESENTATION OF AWARDS - BJÖRN FOLKOW AWARD LECTURE - PRESIDENTIAL LECTURE			
17.30 19.00	ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA			

YELLOW HALL 1	YELLOW HALL 2	YELLOW HALL 3	BROWN HALL
Breakfast Workshop INTERVENTIONAL TREATMENT FOR FIBROMUSCULAR AND ATHEROSCLEROTIC RENAL ARTERY STENOSIS	Breakfast Workshop EXERCISE AND PHYSICAL ACTIVITY IN THE CARDIOVASCULAR CONTINUUM	Breakfast Workshop SALT, HYPERTENSION AND BRAIN DAMAGE	
09.30-11.00 Symposium IMPROVING ADHERENCE AND BLOOD PRESSURE CONTROL: INSIGHTS AND DIGITAL TECHNOLOGY FROM AROUND THE WORLD	Oral Session 4B DIABETES		
11.00-12.10 Symposium CAVI AND BP INDEPENDENCY: VALIDATION AND CLINICAL USEFULNESS <i>Supported by Fukuda Denshi</i>	Oral Session 5B CARDIOVASCULAR RISK FACTORS	11.00-12.40 Oral Session 5C PEDIATRIC HYPERTENSION	Late-Breakers SESSION 2
WORKING LUNCH (BOX LUNCH)			
How-to Session HOW TO BEST ASSESS HYPERTENSIVE HEART DISEASE	14.30-16.00 Oral Session 6B ENDOCRINE HYPERTENSION	Clinical Cases SESSION 2	14.30-16.00 Oral Session 6C EPIDEMIOLOGY OF HYPERTENSION AND METABOLIC DISORDERS
Meet-the-Expert HOW TO MANAGE HYPERTENSIVE CRISIS			
ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA			

	SILVER HALL	BLUE HALL	RED HALL 1	RED HALL 2
07.45 08.45			Breakfast Workshop ESH STROKE SURVEY	Breakfast Workshop MEDITATION IN THE TREATMENT OF HYPERTENSION AND CARDIOVASCULAR DISEASE
08.50 10.50	09.00-10.30 Joint Session ESH-EASD RISK FACTOR CONTROL IN TYPE 2 DIABETES. AN UPDATE 2017	09.00-10.30 Topical Workshop on Hot Issues SESSION 3	09.00-10.30 Oral Session 7D BLOOD PRESSURE MEASUREMENT	09.00-10.30 Topical Workshop HYPERTENSION IN WOMEN: IMPORTANT CLUES AND TRAPS
10.55 12.25	Plenary Session DEBATES			
12.30 14.00	WORKING LUNCH (BOX LUNCH)			
12.30 14.00	Teaching Seminar SESSION 3			
14.00 16.00	ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA			
14.00 15.00	14.00-15.30 Joint Session ESH-ERA/EDTA	14.00-15.30 Joint Session ESH-PSH GLOBAL CARDIOVASCULAR RISK: STRATEGIC APPROACHES IN PORTUGUESE SPEAKING COUNTRIES	14.30-16.00 Oral Session 8A ENDOTHELIUM AND ATHEROSCLEROSIS	14.30-16.00 Oral Session 8B OBESITY AND METABOLIC SYNDROME
15.00 16.00				

YELLOW HALL 1	YELLOW HALL 2	YELLOW HALL 3	BROWN HALL
Breakfast Workshop NUTRITION AND BLOOD PRESSURE	Breakfast Workshop AORTIC ANEURYSM AND HYPERTENSION	Breakfast Workshop NEW TECHNIQUES IMAGING FOR ARTERIES	
Oral Session 7A RESISTANT HYPERTENSION	Oral Session 7B HEART AND HAEMODYNAMICS	Oral Session 7C LARGE ARTERIES	Late-Breakers SESSION 3
WORKING LUNCH (BOX LUNCH)			
ATTENDED POSTER SESSIONS AND ORAL PRESENTATIONS IN POSTER AREA			
How-to Session HOW TO INTERPRETE AND REPORT ABP TRACINGS	14.30-16.00 Oral Session 8C MICROCIRCULATION AND SMALL VESSELS	Clinical Cases SESSION 3	
Meet-the-Expert HOW TO SET-UP A HYPERTENSIVE CENTRE AND REGISTRIES			



Teaching Course

on behalf of the **ESH Working Group on Vascular Structure and Function**

LARGE ARTERY ASSESSMENT: FROM THEORY TO PRACTICE

Introduction

13.30 Why is it important to measure arterial properties

P. Cunha (Guimarães, PORTUGAL)

Practical Workshop 1

14.00 Measurement of carotid to femoral pulse wave velocity and central pressure

with the support of Atcor Medical

Practical Workshop 2

14.45 Measurement of carotid distensibility and IMT and FMD?

with the support of SonoScape Europe



Practical Workshop 3

15.30 Innovative techniques

with the support of Axelife

Summary

16.30 What to do with measurements?

P. Boutouyrie (Paris, FRANCE)

17.00 Conclusions

Teaching Course

on behalf of the **ESH Working Group on Blood Pressure Monitoring and Cardiovascular Variability**

BLOOD PRESSURE MONITORING TEACHING COURSE - THEORY AND PRACTICE

13.30 Introduction

G.S. Stergiou (Athens, GREECE), P. Palatini (Padua, ITALY), G. Parati (Milan, ITALY)

13.45 Office blood pressure measurement

Chairperson: J. Wang (Shanghai, CHINA)

R. Asmar (Paris, FRANCE)

14.15 Ambulatory blood pressure monitoring

Chairperson: A. Mihailidou (Sydney, AUSTRALIA)

E. O'Brien (Dublin, IRELAND)

14.45 Home blood pressure monitoring

Chairperson: A. de la Sierra (Barcelona, SPAIN)

G.S. Stergiou (Athens, GREECE)

15.15 Ambulatory versus home blood pressure

Chairperson: R. Asmar (Paris, FRANCE)

G.A. Head (Melbourne, AUSTRALIA)

15.45 Cuff use

Chairperson: E. O'Brien (Dublin, IRELAND)

P. Palatini (Padua, ITALY)

16.15 White coat and masked hypertension

Chairperson: G.A. Head (Melbourne, AUSTRALIA)

A. de la Sierra (Barcelona, SPAIN)

16.45 Blood pressure variability

Chairperson: K. Kario (Tochigi, JAPAN)

G. Parati (Milan, ITALY)

17.15 Conclusions

G.S. Stergiou (Athens, GREECE), P. Palatini (Padua, ITALY), G. Parati (Milan, ITALY)



Joint Session
ESH (European Society of Hypertension)
CHL (Chinese Hypertension League)

SESSION 1: FROM CASES TO GUIDELINES. WHERE WE ARE AND WHAT SHALL WE DO

Chairpersons: E. Agabiti Rosei (Brescia, ITALY), J. Wang (Shanghai, CHINA)

- 14.00 Management of hypertension in young and middle aged patient: unmet need**
J. Liu (Beijing, CHINA)
- 14.20 Effectiveness of PTR A treatment in atherosclerotic renal arterial stenosis in Chinese patients**
X. Jiang (Beijing, CHINA)
- 14.40 Should guidelines include genetic testing?**
A.F. Dominiczak (Glasgow, UNITED KINGDOM)
- 15.00 Implications of SPRINT results for hypertension management in Asia**
V.S. Ram (Hyderabad, INDIA)
- 15.20 Discussion**

Joint Session

ESH (European Society of Hypertension)

JSH (Japanese Society of Hypertension)

CLINICAL SIGNIFICANCE OF BP PATTERNS WITHIN THE 24 HOURS

Chairpersons: Y. Kokubo (Osaka, JAPAN), G. Parati (Milan, ITALY)

14.30 Nocturnal blood pressure

K. Asayama (Tokyo, JAPAN)

14.50 Blood pressure variability

S. Hoshide (Tochigi, JAPAN)

15.10 Central ambulatory blood pressure

T. Weber (Wels, AUSTRIA)

Debate

15.30 Clinical significance of morning blood pressure rise

- Pro

K. Kario (Tochigi, JAPAN)

- Contra

C. Delles (Glasgow, UNITED KINGDOM)



Joint Session
ESH (European Society of Hypertension)
KSH (Korean Society of Hypertension)

EAST MEETS WEST: REGIONAL DIFFERENCES IN THE MANAGEMENT OF HYPERTENSION

Chairpersons: M.-C. Cho (Cheongju, SOUTH KOREA), D.L. Clement (Ghent, BELGIUM),
C.-H. Kim (Seoul, SOUTH KOREA)

- 14.30 Cost-Effectiveness of SPRINT in Korean population**
H.-Y. Lee (Seoul, SOUTH KOREA)
- 14.50 Redefining office blood pressure measurement in the post SPRINT era**
B. Jelakovic (Zagreb, CROATIA)
- 15.10 Optimal BP targets in hypertension and multiple cardiovascular risk factors**
S. Park (Seoul, SOUTH KOREA)
- 15.30 How should the SPRINT guideline apply to future European guidelines?**
P. van de Borne (Brussels, BELGIUM)
- 15.50 Discussion**

Joint Session

ESH (European Society of Hypertension)

EAS (European Atherosclerosis Society)

*on behalf of the **ESH Working Group on Obesity, Diabetes and the High Risk Patient***

OBESITY AND LIPIDS

Chairpersons: V. Kotsis (Thessaloniki, GREECE), S.L. Tokgözoğlu (Ankara, TURKEY)

15.00 Obesity induced hypertension in the youth

S. Stabouli (Thessaloniki, GREECE)

15.18 Obesity and sudden cardiac death

R. Dell'Oro (Monza, ITALY)

15.36 Obesity and early vascular ageing

P.M. Nilsson (Malmö, SWEDEN)

15.54 Obesity and atrial fibrillation

A. Tselepis (Ioannina, GREECE)

16.12 Lipids in obese patients

S.L. Tokgözoğlu (Ankara, TURKEY)

16.30 Treatment of lipids disorders in obesity

A.L. Catapano (Milan, ITALY)

16.48 Discussion and conclusions

V. Kotsis (Thessaloniki, GREECE)



Joint Session
ESH (European Society of Hypertension)
CHL (Chinese Hypertension League)

SESSION 2: TARGET ORGAN DAMAGE. TRADITIONAL MEDICINE AND MODERN TECHNIQUE

Chairpersons: C. Tsioufis (Athens, GREECE), Y. Zhang (Beijing, CHINA)

- 15.30 Treat masked hypertension with Chinese traditional medicine**
Y. Li (Shanghai, CHINA)
- 15.50 Application of speckle tracking technique in hypertensive heart disease**
T. Xu (Shanghai, CHINA)
- 16.10 RAAS and cardiovascular damage: what's new?**
T. Unger (Maastricht, THE NETHERLANDS)
- 16.30 Similarities and differences in diabetic/non diabetic kidney damage**
J. Menne (Hannover, GERMANY)
- 16.50 Discussion**
- 17.00 Panel Discussion**

Joint Session ESH (European Society of Hypertension) EU Commission

MOBILE HEALTH IN EUROPE - ENGAGING THE EUROPEAN SOCIETY OF HYPERTENSION WITH OTHER STAKEHOLDERS IN JOINT ACTIONS OF THE EUROPEAN COMMISSION AND MEMBERS STATES: TIME FOR ACTION!

Chairpersons: E. Agabiti Rosei, *ESH President*,
G. Mancia, *ESH Congress Chairman, ESH Educational Committee*

16.00 mHealth Apps in Connected Care: EFMI member initiatives

A. Moen
Past President, European Federation of Medical Informatics (EFMI) and Professor at the University of Oslo, Norway

16.14 Mobile health apps for exercise monitoring: where do we stand?

E. Caiani
Chair WG on e-Cardiology European Society of Cardiology (ESC) and Associate Professor at the Politecnico of Milan, Italy

16.28 Mobile Health technology to improve blood pressure control in hypertension: are we ready to prescribe an app?

G. Parati
ESC WG on e-Cardiology and ESH Council, Professor of Cardiovascular Medicine at the University of Milano-Bicocca, Italy

16.42 Connecting the dots with patient summary standards: the Trillium-II Initiative

C. Chronaki
ESC WG on e-Cardiology, and Secretary General HL7 Foundation, Brussels, Belgium

16.56 Addressing mHealth at the European level

T. Peetso
Head of sector eHealth and ageing policy, Unit H3-eHealth, Wellbeing and Ageing Directorate - General Communication Networks, Content and Technology (DG CONNECT) EUROPEAN COMMISSION, Brussels, Belgium

17.10 Discussion & Call for Action

- A. AAviksoo
Chair mHealth subgroup of the eHealth network under article 14 of Cross-border healthcare Directive (2011/24/EU), Deputy Secretary General for E-services and Innovation at Ministry of Social Affairs, Republic of Estonia (via weblink)
- J. Ferrero Álvarez-Rementería
Chief Information Officer, Andalusian Agency for Healthcare Quality, Spain (via weblink)
- H. Martins
President of the Board of SPMS, Portugal, Chair of the eHealth Member States Expert Group, under CEF program (via weblink)

Joint Session
ESH (European Society of Hypertension)
ISVH (International Society of Vascular Health)

**NON-HEMODYNAMIC DETERMINANTS OF ARTERIAL STIFFNESS
DURING AGEING**

Chairpersons: R. Asmar (Paris, FRANCE), A. Benetos (Nancy, FRANCE)

- 16.00 Role of calcifications and inflammation on arterial stiffness**
M. Bäck (Stockholm, SWEDEN)
- 16.20 Relations between aortic inflammation and PWV in older subjects**
L. Joly (Nancy, FRANCE)
- 16.40 Effect of sarcopenic obesity on arterial stiffness**
F. Fantin (Verona, ITALY)
- 17.00 Telomeres: a bio-determinant of arterial ageing**
A. Benetos (Nancy, FRANCE)
- 17.20 Discussion**

The Balkanian Symposium

SYMPOSIUM BALKAN EXCELLENCE CENTRES

Chairpersons: J. Brguljan (Ljubljana, SLOVENIA), V. Stojanov (Belgrade, SERBIA),
T. Zeljkovic Vrkic (Zagreb, CROATIA)

- 16.00 Particulate matter, air pollution and hypertension**
C. Grassos (Athens, GREECE)
- 16.10 Hypertension in pregnancy**
Z. Dika (Zagreb, CROATIA)
- 16.20 Greek pilot study on emergency hypertension**
D. Konstantinidis (Athens, GREECE)
- 16.30 Echocardiographic methods for assessing patients with prehypertension**
K. Hristova (Sofia, BULGARIA)
- 16.40 Is the QTc dispersion a prognostic marker in patients with arterial hypertension?**
D. Djordjevic (Niš, SERBIA)
- 16.50 Cardiac alterations in hypertension**
A. Pittaras (Athens, GREECE)
- 17.00 Bosnian experience of arterial stiffness values**
S. Sokolovic (Sarajevo, BOSNIA AND HERZEGOVINA)
- 17.10 Discussion**

Opening of the Congress

Reception

19.30 - 21.00

Yellow Hall 1

Symposium

YOUNG INVESTIGATOR

Chairpersons: I. Sudano (Zurich, SWITZERLAND), A. Viridis (Pisa, ITALY)

- 19.30 Sleep disorders and hypertension: beyond obstructive sleep apnoea**
R.M. Bruno (Pisa, ITALY)
- 19.50 Genetic aspects of arterial ageing: insights from the Twins UK Cohort**
M. Cecelja (London, UNITED KINGDOM)
- 20.10 Perivascular fat and vascular reactivity in obesity and hypertension**
C. Agabiti Rosei (Brescia, ITALY)
- 20.30 Drug adherence in hypertension: from clinical trials to daily practice**
I. Hamdidouche (Paris, FRANCE)
- 20.50 Discussion**

19.30 - 21.00

Yellow Hall 2

Symposium

*on behalf of the **ESH Working Group on Hypertension and the Kidney***

HYPERTENSION AND THE KIDNEY

Chairpersons: A. Persu (Brussels, BELGIUM), G. Wuerzner (Lausanne, SWITZERLAND)

- 19.30 European consensus on Hypertension in Dialysis**
P. Sarafidis (Thessaloniki, GREECE)
- 20.00 Fibromuscular dysplasia: recent advances and update on the European FMD initiative**
A. Persu (Brussels, BELGIUM)
- 20.30 Renal risk for hypertensive patients: can BOLD MRI be useful?**
M. Pruijm (Lausanne, SWITZERLAND)

Breakfast Workshop

A HYPERTENSIVE PATIENT UNDERGOING NON CARDIAC SURGERY: MODERN APPROACH TO A COMMON SCENARIO

Chairpersons: P. Agathangelou (Nicosia, CYPRUS), A. Konradi (Saint-Petersburg, RUSSIA)

07.45 The clinical importance of preoperative hypertension

A. Januszewicz (Warsaw, POLAND)

08.05 How to modulate drug therapy: tips and tricks

C. Grassos (Athens, GREECE)

08.25 Discussion

Breakfast Workshop

TELEMEDICINE IN HYPERTENSION

Chairpersons: K. Asayama (Tokyo, JAPAN), S. Omboni (Varese, ITALY)

07.45 Achieving better blood pressure control and compliance by using telemedicine

S. Sokolovic (Sarajevo, BOSNIA AND HERZEGOVINA)

08.05 A new approach to telemedicine from ICT

C. Torlasco (Milan, ITALY)

08.25 Discussion



07.45 - 08.45

Yellow Hall 1

Breakfast Workshop

CENTRAL OVER PERIPHERAL BLOOD PRESSURE: AND THE BATTLE GOES ON...

Chairpersons: A. Protogerou (Athens, GREECE), T. Weber (Wels, AUSTRIA)

07.45 Devices for measuring central BP: are we ready?

J. Sharman (Hobart, AUSTRALIA)

08.05 Central BP, prediction of events over and beyond peripheral BP: an elusive goal?

C. Vlachopoulos (Athens, GREECE)

08.25 Discussion

07.45 - 08.45

Yellow Hall 2

Breakfast Workshop

HYPERTENSION AND SEXUAL DYSFUNCTION

Chairpersons: A. Berbari (Beirut, LEBANON), M. Viigimaa (Tallinn, ESTONIA)

07.45 Relation with CV risk factors and diagnosis

M. Viigimaa (Tallinn, ESTONIA)

08.05 Treatment

M. Doumas (Thessaloniki, GREECE)

08.25 Discussion

Breakfast Workshop

THE ROLE OF HEART RATE REDUCTION IN THE TREATMENT OF HYPERTENSION: IS THERE EVIDENCE?

Chairpersons: A. Benetos (Nancy, FRANCE), S. Julius (Ann Arbor, MI, USA)

07.45 Resting heart rate. A true cardiovascular risk factor?

M. Bombelli (Monza, ITALY)

08.05 Heart rate reduction in hypertension. Beneficial, neutral or harmful?

P. Palatini (Padua, ITALY)

08.25 Discussion

Parallel Oral Session 1A

CARDIOVASCULAR RISK FACTORS

Chairpersons: S. Filipova (Bratislava, SLOVAK REPUBLIC), F. Pinto (Santa Maria da Feira, PORTUGAL)

08.50 ■ MORE CARDIOVASCULAR EVENTS AMONG WOMEN WITH UTERINE FIBROIDS: DATA OF 11,858 WOMEN FROM THE MULTI-ETHNIC NHANES SURVEY

Y. Haan¹, G.A. Van Montfrans¹, L.M. Brewster^{1,2}

¹ Amsterdam, THE NETHERLANDS, ² Paramaribo, SURINAME

09.00 ■ INNATE IMMUNITY AND CARDIO-RENAL RISK IN STAGE 2-5 CKD PATIENTS

C. Zoccali, P. Pizzini, D. Leonardis, C. Torino, M. Postorino, G. D'Arrigo, G. Tripepi, F. Mallamaci
Reggio Calabria, ITALY

09.10 ■ COPEPTIN LEVELS IN PATIENTS WITH TREATMENT RESISTANT HYPERTENSION BEFORE AND AFTER RENAL DENERVATION

A. Jumar, C. Ott, A. Schmid, D. Kannenkeril, T. Ditting, R. Veelken, M. Uder, R.E. Schmieder
Erlangen, GERMANY

09.20 ■ PLASMA SODIUM CONCENTRATION AND THE RISK OF CARDIOVASCULAR DISEASE: A LARGE COMMUNITY-BASED COHORT STUDY

N. Cole, S. De Lusignan, P. Swift, F. He, S. Jones, W. Hinton, N. Hayward, J. Van Vlymen,
B. Arrowsmith, R. Suckling
London, UNITED KINGDOM

09.30 ■ MOLECULAR EVIDENCE FOR THE PROINFLAMMATORY/PROFIBROTIC AND CARDIOVASCULAR REMODELING EFFECTS OF ALDOSTERONE: INSIGHTS FROM GITELMAN SYNDROME, A HUMAN MODEL OPPOSITE TO HYPERTENSION

V. Ravarotto, E. Pagnin, C. Sabbadin, D. Armanini, L.A. Calò
Padua, ITALY

09.40 ■ DOES DIABETES REALLY HARM WOMEN MORE THAN MEN? ANALYSES FROM 30,560 INDIVIDUAL PATIENT DATA

H. Le¹, F. Subtil¹, M. Cerou¹, I. Marchant², L.H. Lindholm³, L. Thijs⁴, F. Gueyffier¹
¹ Lyon, FRANCE, ² Valparaíso, CHILE, ³ Umeå, SWEDEN, ⁴ Leuven, BELGIUM

09.50 ■ SLEEP-TIME AMBULATORY BLOOD PRESSURE AS THERAPEUTIC TARGET FOR PREVENTION OF CARDIOVASCULAR EVENTS: THE HYGIA PROJECT

R. Hermida¹, J.J. Crespo¹, A. Otero², A. Moya³, M. Dominguez-Sardiña¹, M.T. Rios¹, M.C. Castiñeira⁴, P.A. Callejas¹, L. Pousa¹, E. Sineiro³, S.M. Gomara³, J.L. Salgado¹, C. Duran¹, J.J. Sanchez⁵, A. Mojon¹, J.R. Fernandez¹, D.E. Ayala¹
¹ Vigo, ² Ourense, ³ Pontevedra, ⁴ Lugo, ⁵ Santiago, SPAIN

10.00 ■ PROGNOSTIC RELEVANCE OF RESTING HEART RATE IN OBESITY: LONGITUDINAL EVIDENCE FROM THE PAMELA STUDY

F. Quarti Trevano, M. Bombelli, R. Facchetti, R. Dell'Oro, I. Boggioni, F. Nicoli, M. Peronio, A. Re, G. Mancia, G. Grassi
Monza, ITALY

10.10 ■ ORTHOSTATIC HYPERTENSION PREDICTS MASKED HYPERTENSION IN THE VERY ELDERLY TREATED HYPERTENSIVES

N. Ezhova, Y. Kotovskaya, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

10.20 ■ CIRCULATING LEVELS OF PCSK9 AND ARTERIAL STIFFNESS IN A LARGE POPULATION SAMPLE: DATA FROM THE BRISIGHELLA HEART STUDY

A.F.G. Cicero¹, M. Ruscica², N. Ferri³, F. Fogacci¹, M. Rosticci¹, M. Botta², S. Marchiano², P. Magni², S. D'Addato¹, M. Giovannini¹, C. Borghi¹
¹ Bologna, ² Milan, ³ Padua, ITALY

10.30 ■ RESPONSES OF INSULIN AND BLOOD PRESSURE TO DIETARY SODIUM INTERVENTION IN CHINESE POPULATION: THE GENSALT STUDY

S. Chen, F. Liu, X. Yang, J. Huang, X. Lu, J. Chen, J. Cao, J. Li, H. Li, L. Wang, D. Liu, D. Gu
Beijing, CHINA

10.40 ■ BRACHIAL-ANKLE PULSE WAVE VELOCITY IS RELATED TO THE SEVERITY RATHER THAN THE PRESENCE OF CORONARY ARTERY DISEASE IN THE YOUNG AND MIDDLE-AGED

Y. Ohno, S. Okada, A. Nakagomi, T. Shoji, Y. Kobayashi
Chiba, JAPAN

Parallel Oral Session 1B

CEREBROVASCULAR DISEASES, STROKE AND COGNITIVE DYSFUNCTION

Chairpersons: M. Dorobantu (Bucharest, ROMANIA), I. Lazareva (Minsk, BELARUS)

08.50 ■ IMPLICATION OF THE BENEFICIAL EFFECT BY MAS RECEPTOR DEFICIENCY IN VASCULAR DEMENTIA

A. Higaki, M. Mogi, J. Iwanami, L. Min, H. Kan-No, H. Bai, B. Shan, M. Kukida, T. Yamauchi, T. Okura, J. Higaki, M. Horiuchi
Ehime, JAPAN

09.00 ■ EFFECT OF A MULTIMODALITY TRAINING ON COGNITIVE AND VASCULAR FUNCTION IN MCI PATIENTS WITH OR WITHOUT HYPERTENSION: THE TRAIN, THE BRAIN-MIND, THE VESSEL STUDY

R.M. Bruno¹, R. Sicari¹, F. Stea¹, L. Ghiadoni¹, S. Taddei¹, A. Ungar², U. Bonuccelli¹, G. Tognoni¹, L. Gargani¹, G. D'Angelo¹, L. Pratali¹, N. Berardi¹, L. Maffei¹, E. Picano¹
¹ Pisa, ² Florence, ITALY

09.10 ■ ARTERIAL STIFFNESS INDEPENDENTLY PREDICTS STROKE IN PATIENTS WITH ESSENTIAL HYPERTENSION: DATA FROM A GREEK 8-YEAR FOLLOW-UP STUDY

K. Dimitriadis, C. Tsioufis, A. Kasiakogias, T. Kalos, K. Konstantinou, G. Sarri, M. Kouremeti, D. Konstantinidis, E. Andrikou, D. Tousoulis
Athens, GREECE

09.20 ■ CAFFEINE INTAKE AND ABSTRACT REASONING AMONG 1,374 UNSELECTED MEN AND WOMEN FROM GENERAL POPULATION. ROLE OF THE -163C>A POLYMORPHISM OF CYP1A2 GENE

F. Albertini¹, V. Tikhonoff¹, J. Favaro¹, M. Montagnana², E. Danese², F. Finatti¹, M. Benati², A. Mazza³, L. Dal Maso¹, P. Spinella¹, P. Palatini¹, E. Casiglia¹
¹ Padua, ² Verona, ³ Rovigo, ITALY

09.30 ■ CEREBROPROTECTIVE EFFECT OF AN ANGIOTENSIN TYPE 2 RECEPTOR AGONIST DELIVERED VIA THE INTRANASAL ROUTE AFTER STROKE

C. Summers¹, D. Bennion¹, C. Jones¹, A. Dang¹, J. Isenberg¹, J. Graham¹, M. Waters², U. Steckelings³
¹ Gainesville, FL, ² Phoenix, AZ, USA, ³ Odense, DENMARK

09.40 ■ MIR-126 MODIFIED ENDOTHELIAL PROGENITOR CELLS TRANSPLANTATION CONTRIBUTES TO ANGIOGENESIS AFTER BRAIN FOCAL ISCHEMIA IN SHR RATS

J. Huang, M. Qu, Y. Lu, P. Gao
Shanghai, CHINA

09.50 ■ PRESERVED CEREBRAL AUTOREGULATION IN CLINICAL ALZHEIMER'S DISEASE DURING REPEATED ORTHOSTATIC MANEUVERS

R.A.A. De Heus, B. Witjes, M. Sanders, M. Oudegeest-Sander, D. De Jong, J.A.H.R. Claassen
Nijmegen, THE NETHERLANDS

10.00 ■ PREVALENCE AND COVARIATES OF UNCONTROLLED HYPERTENSION IN YOUNG AND MIDDLE-AGED ISCHEMIC STROKE SURVIVORS. THE NORWEGIAN STROKE IN THE YOUNG STUDY

Å. Oftedal, E. Gerdtts, U. Waje-Andreassen, H. Naess, A. Fromm, S. Saeed
Bergen, NORWAY

10.10 ■ NT-PROBNP IS AN INDEPENDENT PREDICTOR OF STROKE IN JAPANESE WITH CARDIOVASCULAR RISK FACTORS

H. Mizuno, S. Hoshide, K. Kario
Shimotsuke Shi, JAPAN

10.20 ■ INTRACRANIAL STENOSIS IN FIRST-GENERATION CHINESE MIGRANTS WITH NEWLY DIAGNOSED DIABETES

S. Castellani ¹, M. Calabrese ², M. Boddi ¹, I. Marzotti ¹, D. Zhao ³, P.A. Modesti ¹
¹ Florence, ² Prato, ITALY, ³ Beijing, CHINA

10.30 ■ LECTURE**COGNITIVE IMPAIRMENT AND ANTIHYPERTENSIVE TREATMENT**

A. Coca
Barcelona, SPAIN

08.50 - 10.50

Brown Hall

Parallel Oral Session 1C**BLOOD PRESSURE VARIABILITY**

Chairpersons: P.W. de Leeuw (Maastricht, THE NETHERLANDS), F. Veglio (Turin, ITALY)

08.50 ■ INCREASED BLOOD PRESSURE VARIABILITY PREDICTS ALL-CAUSE MORTALITY IN PATIENTS WITH DIABETES FREE OF CARDIOVASCULAR DISEASE AND NOT ON ANTIHYPERTENSIVE DRUGS

P.M. Nilsson ¹, K. Bell ², L. Azizi ², A. Hayen ², L. Irwig ², C. Östgren ³, J. Sundström ⁴
¹ Malmö, SWEDEN, ² Sydney, AUSTRALIA, ³ Linköping, ⁴ Uppsala, SWEDEN

09.00 ■ THE NUMBER OF MEASUREMENT DAYS NEEDED TO RELIABLY ASSESS HOME BLOOD PRESSURE VARIABILITY. THE FINN-HOME STUDY

E. Juhanoja ¹, J. Johansson ¹, A. Jula ¹, T. Niiranen ²
¹ Turku, FINLAND, ² Framingham, MA, USA

09.10 ■ DISPERSION OF VENTRICULAR REPOLARIZATION IN RELATION TO BLOOD PRESSURE VARIABILITY IN ARTERIAL HYPERTENSION

A. Ciobanu, G.S. Gheorghe, M.V. Deaconu, M. Ababei, O. Neacsu, O.R.I. Zaharia, I.T. Nanea
Bucharest, ROMANIA

09.20 ■ BLOOD PRESSURE VARIABILITY IN INDIVIDUALS WITH AND WITHOUT (PRE) DIABETES. THE MAASTRICHT STUDY

T. Zhou, A.A. Kroon, K.D. Reesink, M.T. Schram, A. Koster, N. Schaper, P.C. Dagnelie, C.J. Van Der Kallen, S.J.S. Sep, C.D.A. Stehouwer, R.M.A. Henry
Maastricht, THE NETHERLANDS

09.30 ■ DIFFERENT PROGNOSTIC RELEVANCE OF 24-HOUR SYSTOLIC AND DIASTOLIC BLOOD PRESSURE VARIABILITY IN DIFFERENT AGE STRATA. DUBLIN OUTCOME STUDY

G. Bilo¹, E. Dolan², R. Facchetti¹, E. O'Brien², G. Parati¹
¹ Milan, ITALY, ² Dublin, IRELAND

09.40 ■ CIRCADIAN BLOOD PRESSURE PROFILE IN A COHORT OF PATIENTS WITH PRIMARY AUTONOMIC NEUROPATHY

F. Vallelonga, V. Milazzo, C. Di Stefano, G. Sobrero, A. Milan, F. Rabbia, F. Veglio, S. Maule
Turin, ITALY

09.50 ■ PROGNOSTIC VALUE OF HOME VERSUS OFFICE BLOOD PRESSURE VARIABILITY: DIDIMA STUDY 19-YEAR FOLLOW-UP

A. Ntineri, P. Kalogeropoulos, K. Kyriakoulis, E. Aissopou, G.S. Stergiou
Athens, GREECE

10.00 ■ RELATIONSHIP BETWEEN WITHIN-VISIT BLOOD PRESSURE VARIABILITY AND SKELETAL MUSCLE MASS

K. Kim, S. Kim, C. Kim
Seongnam, SOUTH KOREA

10.10 ■ VARIABILITY OF 24 HOUR BLOOD PRESSURE: AN INDEPENDENT DETERMINANT OF ARTERIAL STIFFNESS

C. Antza, I. Doundoulakis, S. Stabouli, V. Kotsis
Thessaloniki, GREECE

10.20 ■ WHITE-COAT EFFECT IS ASSOCIATED WITH A MARKED INCREASE OF BLOOD PRESSURE VARIABILITY ON AMBULATORY BLOOD PRESSURE MONITORING

F. Salvo¹, A.R. Errani¹, C. Lonati², P. Fogliacco¹, C. Vallo¹, M. Albano¹, M. Berardi¹, V. Meinero¹, C.L. Muzzulini¹, A. Morganti²
¹ Ceva, ² Milan, ITALY

10.30 ■ INITIAL ORTHOSTATIC HYPOTENSION ASSOCIATED WITH THE USE OF ANTIHYPERTENSIVE DRUGS IS HIGHLY PREVALENT IN PATIENTS WITH UNEXPLAINED SYNCOPE

D.J.L. Van Twist, T. Dinh, E.M.E. Bouwmans, A.A. Kroon
Maastricht, THE NETHERLANDS

10.40 ■ VISIT-TO-VISIT BLOOD PRESSURE VARIABILITY IS RELATED TO SYMPATHETIC NEURAL DRIVE AND BAROREFLEX SENSITIVITY IN HYPERTENSIVE PATIENTS

G.L. Seravalle¹, G. Brambilla², F. Quarti Trevano², R. Dell'Oro², D. Prata Pizzalla², G. Mancia¹, G. Grassi²
¹ Milan, ² Monza, ITALY

09.00 - 10.30

Silver Hall

Topical Workshop

OLD AND NEW BLOOD PRESSURE MEASUREMENT APPROACHES

Chairpersons: R. Asmar (Paris, FRANCE), G.S. Stergiou (Athens, GREECE)

- 09.00 New technologies for blood pressure measurements**
G. Bilo (Milan, ITALY)
- 09.20 Automated blood pressure measurement in atrial fibrillation**
G.S. Stergiou (Athens, GREECE)
- 09.40 Ambulatory blood pressure: when and how**
E. O'Brien (Dublin, IRELAND)
- 10.00 Automated unattended office blood pressure measurements**
J. Blacher (Paris, FRANCE)
- 10.20 Discussion**

09.00 - 10.30

Blue Hall

Joint Session

ESH (European Society of Hypertension)

ESC (European Society of Cardiology)

ATRIAL FIBRILLATION IN HYPERTENSION: CAUSE AND CONSEQUENCE

Chairpersons: E. Agabiti Rosei (Brescia, ITALY), B. Williams (London, UNITED KINGDOM)

- 09.00 Mechanisms of development of atrial fibrillation in hypertension**
T. Kahan (Stockholm, SWEDEN)
- 09.20 Atrial fibrillation should be considered an hypertensive heart disease**
M. Böhm (Homburg/Saar, GERMANY)
- 09.40 Best treatment in hypertension to prevent atrial fibrillation**
E. Agabiti Rosei (Brescia, ITALY)
- 10.00 Prevention of atrial fibrillation complications**
A.J. Manolis (Athens, GREECE)
- 10.20 Discussion**

Minisymposium

Supported by **Daiichi Sankyo/Menarini Group**

GUIDELINES AND INITIAL TREATMENT: TIME FOR A CHANGE?

Chairperson: B. Williams (London, UNITED KINGDOM)

- 09.30 Welcome and introduction**
B. Williams (London, UNITED KINGDOM)
- 09.35 Is it time for guidelines to reflect the benefits of initial combination therapy?**
M. Volpe (Rome, ITALY)
- 09.55 Fixed-dose combinations: clinical evidence for maximising the benefits of dual combination therapy**
J. Redon (Valencia, SPAIN)
- Debate**
- 10.10 Should the guidelines favour dual combination therapy in the initial treatment of hypertension?**
B. Williams (London, UNITED KINGDOM), M. Volpe (Rome, ITALY),
J. Redon (Valencia, SPAIN)
- 10.25 Summary and meeting close**
B. Williams (London, UNITED KINGDOM)

Minisymposium

Supported by **Boehringer Ingelheim & Eli Lilly and Company Diabetes Alliance**

BEYOND GLUCOSE CONTROL: EXPLORING THE EVIDENCE FROM EMPA-REG OUTCOME®

Chairperson: G. Mancia (Milan, ITALY)

- 10.00 Welcome and introduction**
G. Mancia (Milan, ITALY)
- 10.05 How to achieve additional cardioprotection for your patients with type 2 diabetes and cardiovascular disease?**
G. Mancia (Milan, ITALY)
- 10.30 Treatment considerations at the interface of kidney disease and type 2 diabetes**
R.E. Schmieder (Erlangen, GERMANY)
- 10.50 Chair's summary and Audience Questions & Answers**

10.00 - 11.00

Yellow Hall 1

Minisymposium

Supported by **CVRx**

THE GROWING ACCEPTANCE OF BAROREFLEX ACTIVATION THERAPY FOR THE TREATMENT OF RESISTANT HYPERTENSION IN EUROPE

Chairpersons: G. Grassi (Milan, ITALY), A. Pathak (Toulouse, FRANCE)

- 10.00 In the Netherlands – Long-term and current usage**
A.A. Kroon (Maastricht, THE NETHERLANDS)
- 10.20 In Germany – Conclusions from the National Consensus Conference**
H. Reuter (Köln, GERMANY)
- 10.40 In Italy – Outcome of the Health Technology Assessment from the Lombardia region**
E. Agabiti Rosei (Brescia, ITALY)
- 10.55 Conclusions**
G. Grassi (Milan, ITALY)

10.55 - 12.25

Silver Hall

Topical Workshop

DRUG ADHERENCE AND TREATMENT RESISTANCE

Chairpersons: T. Kahan (Stockholm, SWEDEN), M. Volpe (Rome, ITALY)

- 10.55 Biochemical analysis of urine and serum in management of non-adherence to antihypertensive treatment**
M. Tomaszewski (Manchester, UNITED KINGDOM)
- 11.15 Determinants of treatment persistence: the perspective of healthcare providers and patients**
M. Qvarnström (Stockholm, SWEDEN)
- 11.35 Treatment persistence and clinical outcome in cardiovascular disease**
G. Corrao (Milan, ITALY)
- 11.55 Non-adherence to antihypertensive: what to do after the diagnosis?**
M. Burnier (Lausanne, SWITZERLAND)
- 12.15 Discussion**

Parallel Oral Session 2A

GENETICS, GENOMICS, PROTEOMICS, METABOLOMICS

Chairpersons: C. Delles (Glasgow, UNITED KINGDOM), F. Martínez García (Valencia, SPAIN)

10.55 ■ IMPACT OF A 29 SNPS-BASED GENETIC RISK SCORE FOR HYPERTENSION ON AORTIC DISEASE

C. Fava ^{1,2}, A. Tagetti ¹, T. Ohlsson ², G. Engström ², G. Smith ², O. Melander ²
¹ Verona, ITALY, ² Malmö, SWEDEN

11.05 ■ FURTHER REDUCTION OF THE WIDTH OF STROKE-SUSCEPTIBILITY QUANTITATIVE TRAIT LOCI AND IDENTIFICATION OF CANDIDATE GENES IN THE STROKE-PRONE SPONTANEOUSLY HYPERTENSIVE RAT

K. Niiya ¹, H. Ohara ¹, M. Isono ², H. Matsuo ¹, M. Isomura ¹, N. Kato ², T. Nabika ¹
¹ Izumo, ² Tokyo, JAPAN

11.15 ■ PROTEOMIC ANALYSIS REVEALS ALTERED PATHWAYS FROM EARLY STAGES OF THE DEVELOPMENT OF HYPERTENSIVE NEPHROPATHY IN SHR

D. Hatzioanou, G. Barkas, E. Critselis, J. Zoidakis, G. Drossopoulou, A. Charonis, D.V. Vlahakos
 Athens, GREECE

11.25 ■ EPIGENETIC REGULATION OF HYPERTENSION: STRAIN-SPECIFIC SILENCING OF A RAT ANGIOTENSINOGEN TRANSGENE IN MICE

O. Taryma-Lesniak ^{1,2}, M. Munz ², N. Todiras ¹, M. Todiras ¹, L. Rabelo ¹, V. Nunes ¹, J. Erdmann ², Z. Aherrahrou ², N. Alenina ¹, M. Bader ¹
¹ Berlin, ² Lübeck, GERMANY

11.35 ■ LANOSTEROL SYNTHASE GENE POLYMORPHISMS IMPACT THE DECLINE IN RENAL FUNCTION AMONG HYPERTENSIVE PATIENTS

S. Fontana, C. Lanzani, M. Simonini, L. Citterio, S. Delli Carpini, N. Casamassima, E. Messaggio, S. Tentori, R. Iatrino, L. Zagato, P. Manunta
 Milan, ITALY

11.45 ■ QUANTIFICATION OF URINARY PROTEIN LEVELS OF PODOCYTE ASSOCIATED MOLECULES IN HYPERTENSIVE PATIENTS WITH MICROALBUMINURIA

J. Perez-Hernandez, D. Olivares, E. Solaz, G. Pichler, F. Chaves, R. Cortes, J. Redon
 Valencia, SPAIN

11.55 ■ RNASEQ STUDY OF SALT STRESS PATHWAYS IN RENAL TUBULE REVEALS INCREASED EXPRESSION OF HEAT SHOCK GENES INVOLVED IN SALT SENSITIVE HYPERTENSION

L. Graham, A. Aman, D. Campbell, A.F. Dominiczak, S. Padmanabhan
 Glasgow, UNITED KINGDOM

12.05 ■ RELATIONSHIP BETWEEN SELECTED DNA POLYMORPHISMS AND CORONARY ARTERY DISEASE COMPLICATIONS

M. Wirtwein ¹, O. Melander ², M. Sjogren ², K. Narkiewicz ¹, M. Gruchala ¹, W. Sobiczewski ¹
¹ Gdansk, POLAND, ² Malmö, SWEDEN

12.15 ■ VARIABILITY OF LENGTH OF TELOMERES IN WOMEN WITH BREAST CANCER AND DIFFERENT HYPERTENSIVE STATUS DURING ANTICANCER TREATMENT

N. Doroshuk, M. Kirillova, M. Stenina, A. Postnov, E. Oschepkova, I. Chazova
Moscow, RUSSIA

10.55 - 12.25

Yellow Hall 2

Parallel Oral Session 2B

TREATMENT ADHERENCE

Chairpersons: A. de la Sierra (Barcelona, SPAIN), P. van de Borne (Brussels, BELGIUM)

10.55 ■ DEVELOPMENT OF A DRIED BLOOD SPOT (DBS) BASED MEASUREMENT OF ANTIHYPERTENSIVE DRUG LEVELS TO ASSESS ADHERENCE

E. Hameli, C.W. Heijnen, S. Bahmany, B.C.H. Van Der Nagel, A.H. Van Den Meiracker, T. Van Gelder, B.C.P. Koch, J. Versmissen
Rotterdam, THE NETHERLANDS

11.05 ■ DEVELOPMENT OF A RISK CALCULATOR FOR DRUG COMPLIANCE IN TREATED HYPERTENSIVES: THE FLAHS COMPLIANCE TEST

X. Girerd, O. Hanon, B. Pannier, B. Vaisse
Paris, FRANCE

11.15 ■ RECENTLY DIAGNOSED SEVERE HIGH BLOOD PRESSURE IN A SUB-SAHARAN COUNTRY: EPIDEMIOLOGICAL, CLINICAL, THERAPEUTIC AND EVALUATIVE ASPECTS

C. Ngongang Ouankou¹, L. Chendjou Kapi², M. Azabji Kenfack¹, M. Ouankou¹, R. Nansseu¹, N. Gouking¹, C. Helles¹, M. Talla¹, V. Takou¹, F. Masse¹, G. Kagmeni¹, F. Kaze¹, M. Kowo¹, B. Ngu¹

¹ Yaoundé, ² Bangangté, CAMEROON

11.25 ■ DEVELOPMENT OF AN INNOVATIVE, HIGH THROUGHOUT AND COST-EFFECTIVE UHPLC-MS/MS METHOD FOR THE ASSESSMENT OF THERAPEUTIC ADHERENCE IN PATIENTS WITH "RESISTANT" HYPERTENSION

V. Avataneo, A. De Nicolò, F. Rabbia, E. Perlo, C. Fulcheri, J. Cusato, F. Favata, E. Berra, P. Mulatero, F. Veglio, G. Di Perri, A. D'Avolio
Turin, ITALY

11.35 ■ EFFECT OF HEALTH EDUCATION INTERVENTION ON IMPROVING COMPLIANCE TO TREATMENT AMONG HYPERTENSIVE PATIENTS: APPLICATION OF HEALTH BELIEF MODEL

W. Khalil, M. Tartour
Zagazig, EGYPT

11.45 ■ CONTROL OF HYPERTENSION AMONG THE FACULTY OF SAINT-PETERSBURG UNIVERSITIES

O. Rotar, A. Alieva, A. Orlov, M. Boyarinova, E. Moguchaya, A. Gurevich, A. Erina, V. Solntsev, A. Konradi, V. Shlyakhto
Saint-Petersburg, RUSSIA

11.55 ■ ASSESSMENT OF DRUG ADHERENCE AND PSYCHOLOGICAL PROFILE IN PATIENTS WITH APPARENTLY TREATMENT-RESISTANT HYPERTENSION

C. Georges¹, E. Berra^{1,2}, A. Capron¹, G. Petit¹, P. De Timary¹, P. Wallemacq¹, A. Persu¹
¹ *Brussels, BELGIUM*, ² *Turin, ITALY*

12.05 ■ POOR MEDICATION ADHERENCE IN THE RELATIONSHIP BETWEEN ANTIHYPERTENSIVE MEDICATION AND FALLS: A PROSPECTIVE COHORT STUDY OF OLDER ADULTS

P. Dillon, S. Smith, P. Gallagher, G. Cousins
Dublin, IRELAND

12.15 ■ PERSISTENCE TO ANTIHYPERTENSIVE TREATMENT. A CROSS-SECTIONAL STUDY OF PATIENTS' ATTITUDES TOWARDS HYPERTENSION AND MEDICATION

M. Qvarnström, T. Kahan, H. Kieler, L. Brandt, J. Hasselström, B. Wettermark
Stockholm, SWEDEN

10.55 - 12.25

Yellow Hall 3

Parallel Oral Session 2C

AGEING

Chairpersons: L. Martins (Santa Maria da Feira, PORTUGAL), J. Polonia (Porto, PORTUGAL)

10.55 ■ THE ROLE OF PMCA1 IN HYPERTENSION AND ARRHYTHMIA SUSCEPTIBILITY IN RELATION TO AGEING

C. Wilson, R. Little, M. Zi, E. Cartwright
Manchester, UNITED KINGDOM

11.05 ■ MECHANISMS OF AGE-DEPENDENT HYPERTENSION: IMPAIRED SYMPATHOINHIBITORY AND NATRIURETIC RESPONSES TO CHALLENGES TO SODIUM HOMEOSTASIS IN AGED HYPERTENSIVE SPRAGUE-DAWLEY RATS

R. Wainford, A. Frame
Boston, MA, USA

11.15 ■ THE INFLAMMATORY COMPONENT OF CARDIOVASCULAR AGEING ON ALBUMINURIA AND ARTERIAL STIFFNESS IN ESSENTIAL HYPERTENSIVE SUBJECTS

K. Dimitriadis, C. Tsioufis, A. Kasiakogias, T. Kalos, M. Kouremeti, K. Syrmali, G. Leontsinis, D. Konstantinidis, E. Andrikou, D. Tousoulis
Athens, GREECE

11.25 ■ RETINAL ARTERIOLES REMODELING ASSESSED BY ADAPTIVE OPTICS IN ELDERLY HYPERTENSIVES WITH CONTROLLED BLOOD PRESSURE

D. Rosenbaum, A. Gallo, A. Mattina, E. Koch, F. Rossant, N. Kachenoura, M. Paques, A. Redheuil, O. Hanon, X. Girerd
Paris, FRANCE

11.35 ■ THE ROLE OF ARTERIAL STIFFNESS AND BLOOD PRESSURE VARIATIONS IN MORBIDITY AND MORTALITY IN VERY OLD FRAIL SUBJECTS. THE PARTAGE STUDY

J.-J. Mourad¹, C. Labat², S. Gautier², P. Salvi³, F. Valbusa⁴, O. Hanon⁵, O. Toulza⁶, P. Manckoundia⁷, M. Zamboni⁴, Y. Rolland⁶, A. Benetos^{1,2}
¹ Bobigny, ² Nancy, FRANCE, ³ Milan, ⁴ Verona, ITALY, ⁵ Paris, ⁶ Toulouse, ⁷ Dijon, FRANCE

11.45 ■ OPTIMAL BLOOD PRESSURE GOAL FOR THE ELDERLY CHINESE: THE FINDINGS FROM THE NORTHERN SHANGHAI STUDY

J. Teliewubai, Y. Zhang, Y. Lu, B. Bai, S. Yu, Y. Zhou, C. Chi, J. Xiong, Y. Xu
Shanghai, CHINA

11.55 ■ ARE YOU REALLY AS OLD AS YOUR ARTERIES? PREDICTING BIOLOGICAL AGE USING CARDIO-ANKLE VASCULAR INDEX AS A MARKER OF VASCULAR STIFFNESS

F. Kirkham¹, C. Mills², K. Nambier¹, J. Timeyin¹, K.A. Davies¹, F. Kern¹, J.K. Cruickshank², C. Rajkumar¹
¹ Brighton, ² London, UNITED KINGDOM

**12.05 ■ LECTURE
THE FRAIL ELDERLY (ESH DOCUMENT)**

A. Benetos
Nancy, FRANCE

10.55 - 12.25

Brown Hall

Late-Breakers

SESSION 1

Chairpersons: G. Cerasola (Palermo, ITALY), T. Rosenthal (Tel Aviv, ISRAEL)

10.55 ■ DOES LEVEL OF FUNCTION, GRIP STRENGTH AND COMORBIDITY MODULATE ASSOCIATION OF HYPERTENSION WITH MORTALITY, IN 90 YEAR OLD?

M. Bursztyn, J. Jacobs, J. Stessman
Jerusalem, ISRAEL

11.05 ■ PHASE II RANDOMIZED SHAM-CONTROLLED STUDY OF RENAL DENERVATION FOR SUBJECTS WITH UNCONTROLLED HYPERTENSION – WAVE IV

R.E. Schmieder¹, C. Ott¹, S. Toennes², M. Gertner³, O. Dawood⁴, M. Saxena⁵, B. O'Brien⁵, M. Lobo⁵
¹ Erlangen, ² Frankfurt am Main, GERMANY, ³ Stanford, UNITED KINGDOM, ⁴ Washington, DC, USA, ⁵ London, UNITED KINGDOM

11.15 ■ ACHIEVED HOME BLOOD PRESSURE AND CARDIOVASCULAR EVENT RISK IN ASIAN HIGH RISK POPULATION: STRATIFIED ANALYSIS OF A LARGE-SCALE, OBSERVATIONAL STUDY ACCORDING TO RISK LEVELS

K. Kario¹, M. Iwashita³, Y. Okuda³, M. Sugiyama³, I. Saito², T. Kushiro³, S. Teramukai⁴, K. Shimada¹
¹ Tochigi, ² Kanagawa, ³ Tokyo, ⁴ Kyoto, JAPAN

11.25 ■ ANALYSIS OF BLOOD PRESSURE VARIABILITY AS MEASURED BY CLINIC, HOME AND AMBULATORY BLOOD PRESSURE MONITORING

J. Abellán-Huerta¹, L. Prieto-Valiente², S. Montoro-García², L. Guerra-Luján³,
G. Clavel Ruiperez¹, P. Ramos-Ruiz¹, J. Abellán-Alemán², F. Soria-Arcos¹
¹ Cartagena, ² Murcia, ³ Albacete, SPAIN

11.35 ■ INTENSIVE BLOOD PRESSURE CONTROL AND OUTCOMES IN HYPERTENSIVE PATIENTS WITH DYSGLYCEMIA – STUDY OF GLASGOW BP CLINIC AND SPRINT DATA

A. Llano, L. McCallum, A.F. Dominiczak, J. Petrie, S. Padmanabhan
Glasgow, UNITED KINGDOM

11.45 ■ LONG-TERM RISK OF CARDIOVASCULAR EVENTS IN WHITE-COAT HYPERTENSION DEFINED BY DAYTIME AND NIGHTTIME BLOOD PRESSURE LIMITS

J. Faria¹, S. Bertoquini², J. Silva², L. Barbosa², J. Polonia¹
¹ Porto, ² Matosinhos, PORTUGAL

11.55 ■ MOST ADVISABLE STRATEGY IN SEARCH OF ASYMPTOMATIC TARGET ORGAN DAMAGE IN HYPERTENSIVE PATIENTS

J. Abellán-Huerta¹, L. Prieto-Valiente², L. Consuegra-Sánchez¹, J.J. Martínez-Díaz¹,
C. Ariza-Copado¹, F. Alcázar-Manzanera¹, F. Soria-Arcos¹, J. Abellán-Alemán²
¹ Cartagena, ² Murcia, SPAIN

12.05 ■ SYSTEMATIC REVIEW AND META-ANALYSES OF BLOOD PRESSURE RESPONSE TO ANTIHYPERTENSIVE MONOTHERAPY IN RANDOMISED CONTROLLED TRIALS

S. Alsanosi, A. Cheroos, M. Alsieni, A.F. Dominiczak, S. Padmanabhan
Glasgow, UNITED KINGDOM

12.15 ■ DIASTOLIC BLOOD PRESSURE RANGES AND INCIDENT OUTCOMES IN THE SYSTOLIC BLOOD PRESSURE INTERVENTION TRIAL: AN ANALYSIS OF OVERALL DATA AND BY SELECTED BASELINE CHARACTERISTICS

R. Del Pinto, D. Pietropaoli, G. Properzi, C. Ferri
L'Aquila, ITALY



11.00 - 12.00

Blue Hall

Symposium

THE POLYPILL AND THE CHALLENGE OF CARDIOVASCULAR PREVENTION IN EUROPE

Chairpersons: R. Cifková (Prague, CZECH REPUBLIC), A. Coca (Barcelona, SPAIN)

11.00 ESH point of view on the clinical use of the polypill

G. Mancia (Milan, ITALY)

Discussion

11.25 Advantages, inconvenients, open questions and ongoing studies

E. Agabiti Rosei (Brescia, ITALY),

J.M. Castellano Vázquez (Madrid, SPAIN),

J. Redon (Valencia, SPAIN)

11.00 - 12.00

Red Hall 2

Minisymposium

Supported by Omron Healthcare Europe

FUTURE PERSPECTIVES IN HYPERTENSION CONTROL

Chairperson: G. Parati (Milan, ITALY)

11.00 Introduction

G. Parati (Milan, ITALY)

11.05 The importance of accurate office and out-of-office blood pressure measurement in hypertension management

G. Parati (Milan, ITALY)

11.20 Telemonitoring diabetic and pregnant hypertensives - needs for specific validation protocols

R. Asmar (Paris, FRANCE)

11.40 eHealth innovations that improve care and monitoring of elderly patients at home

D.A.J. Dohmen (Utrecht, THE NETHERLANDS)

Minisymposium

Supported by **Menarini Group**

THE LEGEND OF Z

Chairpersons: C. Borghi (Bologna, ITALY), C. Tsioufis (Athens, GREECE)

11.00 Introduction

11.05 The myth of class effects: time to "SMILE" again

C. Borghi (Bologna, ITALY)

11.20 Dilemmas in everyday clinical practice: ACEIs or ARBs?

A.J. Manolis (Athens, GREECE)

11.35 Looking back and moving forward: the Z-studies

S. Omboni (Varese, ITALY)

11.50 Open discussion

Teaching Seminar

SESSION 1

Chairpersons: L. Landsberg (Chicago, IL, USA), S. Laurent (Paris, FRANCE)

12.30 Effect of anti-cancer therapy on blood pressure and other cardiovascular parameters

H.A.J. Struijker-Boudier (Maastricht, THE NETHERLANDS)

12.45 Discussion

12.50 New trends in treatment and prevention: from combination therapy to the polypill

T. Kahan (Stockholm, SWEDEN)

13.05 Discussion

13.10 Is hypertension linked to our genes? Status 2017

M.J. Caulfield (London, UNITED KINGDOM)

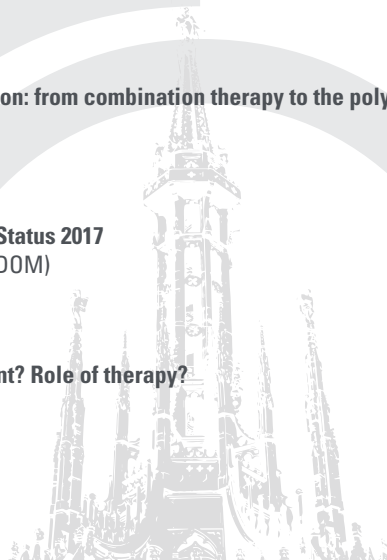
13.25 Discussion

13.30 White coat hypertension: still innocent? Role of therapy?

G. Grassi (Milan, ITALY)

13.45 Discussion

13.50 General Discussion



12.30 - 14.00

Blue Hall

Satellite Symposium

Supported by **Servier**

IMPROVING MANAGEMENT OF HYPERTENSION: IS EARLY USE OF COMBINATIONS THE SOLUTION?

Chairpersons: G. Parati (Milan, ITALY), B. Williams (London, UNITED KINGDOM)

- 12.30 Introduction**
B. Williams (London, UNITED KINGDOM)
- 12.35 Pitfalls in hypertension management: a case study illustration**
C. Borghi (Bologna, ITALY)
- 12.55 Optimal management of hypertension: key learnings from past years**
J. Brguljan (Ljubljana, SLOVENIA)
- 13.15 Better management means also choosing the right drugs**
K. Narkiewicz (Gdansk, POLAND)
- 13.35 Discussion**
- 13.55 Conclusion**
G. Parati (Milan, ITALY)

14.00 - 15.30

Silver Hall

Topical Workshop on Hot Issues

SESSION 1

Chairpersons: N.R. Poulter (London, UNITED KINGDOM), L.M. Ruilope (Madrid, SPAIN)

- 14.00 Hepatic steatosis: a novel cardiovascular entity**
G. Perseghin (Monza, ITALY)
- 14.20 BP, metabolic and neural consequences of bariatric surgery**
G. Grassi (Milan, ITALY)
- 14.40 Cardiovascular protection by new antidiabetic agents. Which mechanisms and is BP involved?**
S. Del Prato (Pisa, ITALY)
- 15.00 Nutrition and genes (nutrigenomics)**
M. Bochud (Lausanne, SWITZERLAND)
- 15.20 Discussion**

How-to Session

Supported by **SOMNOmedics**

CONTINUOUS LONG-TERM BLOOD PRESSURE MEASUREMENT BASED ON PULSE-TRANSIT-TIME. IT'S ABOUT TIME

Chairperson: G. Parati (Milan, ITALY)

- 14.00 Introduction of the Blood Pressure Measurement via Pulse-Transit-Time (PTT)**
G. Parati (Milan, ITALY)
- 14.15 New studies and validations of the PTT-based Blood Pressure Measurement**
J. Gehring (Randersacker, GERMANY)
- 14.30 Nocturnal Blood Pressure Fluctuation (NBPF). A risk factor for heart attack and stroke during sleep**
G. Kuchler (Randersacker, GERMANY)
- 14.45 Influence of the vascular tone on the stiffness (elasticity modulus) of muscular arteries**
A. Patzak (Berlin, GERMANY)

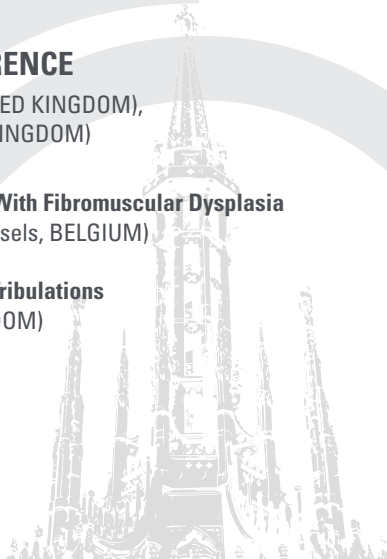
Clinical Cases

in cooperation with Hypertension, an American Heart Association Journal

CLINICAL-PATHOLOGICAL CONFERENCE

Chairpersons: A.F. Dominiczak (Glasgow, UNITED KINGDOM),
R.M. Touyz (Glasgow, UNITED KINGDOM)

- 14.00 Management of a Pregnant Woman With Fibromuscular Dysplasia**
E. Berra (Turin, ITALY), A. Persu (Brussels, BELGIUM)
- 14.45 Resistant Hypertension - Trials and Tribulations**
M.J. George (London, UNITED KINGDOM)



Educational Session

Supported by **Egis**

RAMIPRIL/AMLODIPINE FDC THERAPY IN EVERYDAY PRACTICE

Chairperson: K. Narkiewicz (Gdansk, POLAND)

- 14.30 Introduction**
K. Narkiewicz (Gdansk, POLAND)
- 14.35 Do we reach the target blood pressure? Review of antihypertensive treatment in Hungary**
C. Farsang (Budapest, HUNGARY)
- 14.50 Monitoring the effectiveness of ramipril/amlodipine FDC in hypertensive and metabolic syndrome patients: results of the RAMONA and RAMSES study**
D. Pall (Debrecen, HUNGARY)
- 15.05 Role of FDC in management of hypertension: Polish perspective**
K. Narkiewicz (Gdansk, POLAND)
- 15.25 The future of FDC antihypertensives in the Guidelines**
G. Mancia (Milan, ITALY)
- 15.45 Discussion**

14.30 - 15.30

Red Hall 1

Minisymposium

Supported by **Medtronic**

CURRENT ADVANCEMENTS IN RENAL DENERVATION AND THE SPYRAL HTN PROGRAM

Chairperson: C. Tsioufis (Athens, GREECE)

- 14.30 Session objectives and overview**
C. Tsioufis (Athens, GREECE)
- 14.35 Why is hypertension management an important clinical goal? The burden of non adherence**
R.E. Schmieder (Erlangen, GERMANY)
- 14.45 What can we do? Update from recent trials**
G. Mancia (Milan, ITALY)
- 14.55 What new tools and techniques do we have? Advances in the Renal Denervation procedure**
A. Sharp (Exeter, UNITED KINGDOM)
- 15.05 What should you expect from the latest trials? SPYRAL HTN trial status and update**
C. Tsioufis (Athens, GREECE)
- 15.15 Panel Discussion**

14.30 - 16.00

Red Hall 2

Parallel Oral Session 3A

KIDNEY

Chairpersons: J. Blacher (Paris, FRANCE), P.J. Blankestijn (Utrecht, THE NETHERLANDS)

14.30 ■ GLOMERULAR HYPERFILTRATION. A PREDICTOR OF ADVERSE CARDIOVASCULAR OUTCOME

G. Reboldi¹, P. Verdecchia², L. Beilin³, E. Casiglia⁴, K. Eguchi⁵, Y. Imai⁶, K. Kario⁵, T. Ohkubo⁷, S. Pierdomenico⁸, J. Schwartz⁹, L. Wing¹⁰, P. Palatini⁴

¹ Perugia, ² Assisi, ITALY, ³ Perth, AUSTRALIA, ⁴ Padua, ITALY, ⁵ Tochigi, ⁶ Sendai,

⁷ Tokyo, JAPAN, ⁸ Chieti, ITALY, ⁹ New York, NY, USA, ¹⁰ Adelaide, AUSTRALIA

14.40 ■ LECTURE

PROTECTING THE KIDNEY IN HYPERTENSION. WHICH BLOOD PRESSURE TARGET?

J. Redon

Valencia, SPAIN

15.00 ■ MINERAL, BONE METABOLISM MARKERS AND ARTERIAL STIFFNESS IN DIALYSIS POPULATION

L. Desbiens, M. Munger, R.-V. Ung, A. Sidibé, Y.-P. Wang, C. Fortier, M. Agharazii, K. Marquis, F. Mac-Way
Quebec City, CANADA

15.10 ■ REDUCED CORTICAL OXYGENATION PREDICTS PROGRESSIVE RENAL FUNCTION DECLINE IN HUMANS

M. Pruijm¹, B. Milani¹, E. Pivin¹, A. Podhajska¹, B. Vogt², M. Stuber¹, M. Burnier¹
¹ *Lausanne*, ² *Bern, SWITZERLAND*

15.20 ■ DIFFERENCES IN RENAL HEMODYNAMICS AND RENIN SECRETION BETWEEN PATIENTS WITH UNIFOCAL AND MULTIFOCAL FIBROMUSCULAR DYSPLASIA

P.W.M. De Heer, D.J.L. van Twist, A.J.H.M. Houben, P.W. de Leeuw, A.A. Kroon
Maastricht, THE NETHERLANDS

15.30 ■ PROGRESSIVE DISRUPTION OF AMBULATORY BLOOD PRESSURE REGULATION WITH SEVERITY STAGE OF CHRONIC KIDNEY DISEASE: THE HYGIA PROJECT

A. Otero¹, J.J. Crespo², M. Dominguez-Sardiña², A. Moya³, M.T. Rios², P.A. Callejas², L. Pousa², M.C. Castiñeira⁴, E. Sineiro³, S.M. Gomara³, J.L. Salgado², C. Duran², J.J. Sanchez⁵, A. Mojon², J.R. Fernandez², D.E. Ayala², R. Hermida²
¹ *Ourense*, ² *Vigo*, ³ *Pontevedra*, ⁴ *Lugo*, ⁵ *Santiago, SPAIN*

15.40 ■ CHANGES IN HUMAN RENAL CORTICAL AND MEDULLARY PERFUSION AND BLOOD OXYGENATION (BOLD) LEVELS DURING SYMPATHETIC ACTIVATION, MEASURED WITH CONTRAST-FREE, MR-BASED METHODS

U. Andersen, B. Haddock, H.B. Larsson
Glostrup, DENMARK

15.50 ■ EFFICIENT IMPLEMENTATION OF ALGORITHM PREVENTING FOR REDUCED RISK OF CONTRAST-INDUCED ACUTE KIDNEY INJURY IN CLINICAL PRACTICE IN PATIENT WITH DELAYED PERCUTANEOUS CORONARY INTERVENTIONS

A. Gaskina, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

Parallel Oral Session 3B

CARDIAC DISEASE

Chairpersons: L.E. Poulimenos (Athens, GREECE), A. Rappelli (Ancona, ITALY)

14.30 ■ VALIDATION OF FRAMINGHAM AND SCORE IN 30,560 PATIENTS WITH HYPERTENSION

H. Le¹, I. Marchant², F. Subtil¹, J. Boissel¹, F. Gueyffier¹

¹ Lyon, FRANCE, ² Valparaíso, CHILE

14.40 ■ CORRELATION BETWEEN BLOOD LEVELS OF S100B PROTEIN AND INCIDENCE OF HEART FAILURE OR IMA IN A CARDIOLOGY UNIT

S. Quartuccio, E. Imbalzano, G. Trapani, G. Lizio, E. Di Salvo, M. Casciaro, S. Gangemi
Messina, ITALY

14.50 ■ 16-YEAR EXPERIENCE WITH MUSIC THERAPY IN YOUNG PATIENTS WITH HYPERTENSION AND ACUTE CORONARY SYNDROME. A SUBSTUDY OF THE MUSIC-HT STUDY

P. Mitrovic¹, B. Stefanovic¹, A. Paladin¹, M. Radovanovic¹, N. Radovanovic¹, D. Rajic¹,
G. Matic¹, R. Lasic¹, I. Subotic¹, N. Mitrovic¹, N. Mijic¹, V. Bulatovic², Z. Vasiljevic¹

¹ Belgrade, SERBIA, ² Chicago, IL, USA

15.00 ■ INADEQUATE CARE OF HYPERTENSION IN CORONARY PATIENT

T. Denolle¹, F. Revault D'Allonnes²

¹ Dinard, ² Saint Malo, FRANCE

15.10 ■ HEXARELIN PRESERVES MYOCARDIAL FUNCTION AND REDUCES INFLAMMATION AND FIBROSIS IN A MOUSE MODEL OF MYOCARDIAL ISCHEMIA REPERFUSION

H. McDonald¹, J. Peart², N.D. Kurniawan¹, G. Galloway¹, S.G. Royce³, C.S. Samuel³, C. Chen¹

¹ Brisbane, ² Gold Coast, ³ Melbourne, AUSTRALIA

15.20 ■ MEAN SYSTOLIC BLOOD PRESSURE AFTER ADMISSION FOR MYOCARDIAL INFARCTION IS ASSOCIATED WITH ONE YEAR MORTALITY AMONG ELDERLY PATIENTS

B. Mouhat, C. Guenancia, M. Zeller, G. Cartigny, G. Porot, L. Lorgis, C. Toucas, M. Benalia,
L. Rosier, C. Khalil, T. Pommier, Y. Cottin

Dijon, FRANCE

15.30 ■ ARTERIAL HYPERTENSION AS PROGNOSTIC MARKER IN PATIENTS WITH ST-ELEVATION MYOCARDIAL INFARCTION AND EARLY PERCUTANEOUS CORONARY INTERVENTION

H. Reuter, F. Hoffmann, W.O. Zander, L. Ulbrich, S. Baldus, M. Halbach

Cologne, GERMANY

15.40 ■ LECTURE

ATRIAL FIBRILLATION AND HEART FAILURE: HOW DO CAUSE AND CONSEQUENCE RELATE?

K. Wachtell

Copenhagen, DENMARK

Parallel Oral Session 3C

EPIDEMIOLOGY OF HYPERTENSION AND METABOLIC DISORDERS

Chairpersons: J. Filipovsky (Pilsen, CZECH REPUBLIC), D. Lovic (Niš, SERBIA)

14.30 ■ COMPARISON BETWEEN EUROPEAN SYSTEMATIC CORONARY RISK EVALUATION AND ITALIAN CUORE ALGORITHMS IN ADULT OUTPATIENTS FOLLOWED BY GENERAL PRACTITIONERS AND SPECIALISED CENTRES

G. Tocci^{1,2}, G. Gallo¹, V. Costanzi¹, N. Attalla¹, F. Simonelli¹, V. Presta¹, I. Figliuzzi¹, B. Citoni¹, A. Battistoni¹, A. Ferrucci¹, M. Volpe^{1,2}

¹ Rome, ² Pozzilli, ITALY

14.40 ■ EXERCISE SYSTOLIC BLOOD PRESSURE AT MODERATE WORKLOAD: WHICH THRESHOLD LEVEL PREDICTS CORONARY HEART DISEASE IN HEALTHY, MIDDLE-AGED MEN?

J. Mariampillai, K. Engeseth, S.E. Kjeldsen, E. Prestgaard, K. Gjesdal, K. Liestøl, J. Erikssen, J. Bodegard, I. Grundvold, P. Skretteberg

Oslo, NORWAY

14.50 ■ BLOOD PRESSURE SCREENING RESULTS FROM HEALTHY HEART AFRICA: SCREENING LOCATIONS, PARTICIPANT CHARACTERISTICS, AND HYPERTENSION CLASSIFICATION IN KENYA

E. Ogola¹, F.O. Okello², E. Macgregor-Skinner², J. Jimenez³, G. Yonga¹

¹ Nairobi, KENYA, ² Bethesda, MD, ³ Gaithersburg, MD, USA

15.00 ■ COMBINATION OF HEALTHY LIFESTYLE FACTORS ON THE RISK OF HYPERTENSION IN A LARGE COHORT OF HEALTHY ADULTS

H. Lelong¹, E. Kesse-Guyot², P. Galan², S. Hercberg², J. Blacher¹

¹ Paris, ² Bobigny, FRANCE

15.10 ■ LDL-PARTICLES COMPOSITION AND INCIDENT CARDIOVASCULAR DISEASE IN A SOUTH-EUROPEAN POPULATION: THE HORTEGA-LIPOSACLE STUDY

G. Pichler¹, M. Tellez-Plaza^{1,2}, J. Martín-Escudero³, F. Chaves^{1,4}, V. Marrachelli¹, D. Monleon¹, J. Redon^{1,5}, F. Martinez^{1,5}

¹ Valencia, SPAIN, ² Baltimore, MD, USA, ³ Valladolid, ⁴ Barcelona, ⁵ Madrid, SPAIN

15.20 ■ ANTIHYPERTENSIVE PRESCRIPTION PATTERNS AND CO-MORBIDITIES IN PATIENTS WITH NEWLY DIAGNOSED HYPERTENSION IN GERMANY. ANALYSIS OF GERMAN STATUTORY HEALTH INSURANCE DATA

F. Limbourg¹, A. Korzinek², H. Haller¹

¹ Hannover, ² Munich, GERMANY

15.30 ■ BLOOD PRESSURE, HEART RATE AND DOUBLE PRODUCT IN A POOLED COHORT: THE JAPAN ARTERIOSCLEROSIS LONGITUDINAL STUDY (JALS)

K. Asayama^{1,2}, A. Hozawa², M. Taguri³, T. Ohkubo¹, Y. Tabara⁴, K. Suzuki⁵, T. Ando¹, A. Harada¹, Y. Ohashi¹, H. Ueshima⁶, H. Toyoshima⁷, Y. Imai²

¹ Tokyo, ² Sendai, ³ Yokohama, ⁴ Kyoto, ⁵ Yurihonjo, ⁶ Otsu, ⁷ Anjo, JAPAN

15.40 ■ ELEVATED PULSE PRESSURE IN YOUNG TO MIDDLE AGE MEN CARRIES A REDUCED RISK OF ADVERSE OUTCOME

*F. Saladini*¹, *C. Fania*¹, *L. Mos*², *A. Mazzer*³, *G. Garavelli*⁴, *A. Bortolazzi*⁵, *E. Casiglia*¹, *P. Palatini*¹

¹ Padua, ² Udine, ³ Treviso, ⁴ Cremona, ⁵ Rovigo, ITALY

15.50 ■ RECURRENT ROTATIONAL VERTIGO IS A PREDICTOR OF STROKE IN HYPERTENSIVE PATIENTS

P.-Y. Courand, *M. Serraille*, *H. Milon*, *C. Berge*, *B. Harbaoui*, *P. Lantelme*

Lyon, FRANCE

15.00 - 16.00

Yellow Hall 1

Meet-the-Expert

HOW TO DISTINGUISH GOOD FROM BAD META-ANALYSIS

Experts: F.H. Messerli (Bern, SWITZERLAND),

C. Thomopoulos (Athens, GREECE)

16.00 - 17.30

Silver Hall

Plenary Session

Chairpersons: L.H. Lindholm (Umeå, SWEDEN), J. Redon (Valencia, SPAIN)

16.00 Salt: ESH/WHF document
M.J. O'Donnell (Galway/Hamilton, IRELAND)

16.20 Gut microbiota and cardiovascular risk
D. Monleon (Valencia, SPAIN)

16.40 Worldwide trends in blood pressure: 1975-2015
B. Zhou (London, UNITED KINGDOM)

17.00 Discussion

07.45 - 08.45

Red Hall 1

Breakfast Workshop

NEW MARKERS OF RENAL DAMAGE IN HYPERTENSION

Chairpersons: M. Burnier (Lausanne, SWITZERLAND), B. Jelakovic (Zagreb, CROATIA)

07.45 Renal resistive indices and cardiovascular risk in hypertension

B. Ponte (Geneva, SWITZERLAND)

08.05 Markers of renal damage in hypertension

C. Zoccali (Reggio Calabria, ITALY)

08.25 Discussion

07.45 - 08.45

Red Hall 2

Breakfast Workshop

THE LANCET COMMISSION ON HYPERTENSION REPORT AND PROGRESSION

Chairpersons: A. Scuteri (Rome, ITALY), P. van de Borne (Brussels, BELGIUM)

07.45 The Lancet Commission Report on Hypertension

M.H. Olsen (Glostrup, DENMARK)

08.00 Success stories in controlling BP in low income countries

S. Asma (Atlanta, GA, USA)

08.15 Web application for implementing evidence based prevention

N. Syhler (Copenhagen, DENMARK)

08.30 Implementation of key actions suggested by the Lancet Commission in India

A. More (Latur, INDIA)

Breakfast Workshop

INTERVENTIONAL TREATMENT FOR FIBROMUSCULAR AND ATHEROSCLEROTIC RENAL ARTERY STENOSIS

Chairpersons: A. Morganti (Milan, ITALY), P. van der Niepen (Brussels, BELGIUM)

07.45 Management of Fibromuscular Dysplasia: an update

A. Persu (Brussels, BELGIUM)

08.05 Treatment of atherosclerotic renal artery stenosis

P.W. de Leeuw (Maastricht, THE NETHERLANDS)

08.25 Discussion

Breakfast Workshop

EXERCISE AND PHYSICAL ACTIVITY IN THE CARDIOVASCULAR CONTINUUM

Chairpersons: M. Doulas (Thessaloniki, GREECE), I. Tasic (Niš, SERBIA)

07.45 Exercise in the prevention and management of hypertension

D. Lovic (Niš, SERBIA)

08.05 Cardiorespiratory fitness and hypertensive heart disease prevention

A. Pittaras (Athens, GREECE)

08.25 Discussion



07.45 - 08.45

Yellow Hall 3

Breakfast Workshop

on behalf of the **ESH Working Group on Hypertension and the Brain**

SALT, HYPERTENSION AND BRAIN DAMAGE

Chairpersons: A. Coca (Barcelona, SPAIN), D. Gasecki (Gdansk, POLAND)

07.45 Hypertension and Alzheimer disease (review)

C. Sierra (Barcelona, SPAIN)

08.05 Salt intake and brain damage. What can we expect from the preventive intervention in the community?

J. Polonia (Porto, PORTUGAL)

08.25 Discussion

08.50 - 10.50

Red Hall 2

Parallel Oral Session 4A

THERAPEUTICS AND CLINICAL TRIALS

Chairpersons: R.H. Fagard (Leuven, BELGIUM), Y. Sirenko (Kiev, UKRAINE)

08.50 ■ CHANGES IN SUBCLINICAL TARGET ORGAN DAMAGE IN OBESE PATIENTS UNDERGOING BARIATRIC SURGERY. THE BARIHTA STUDY

A. Oliveras, A.M. Granados, S. Vazquez, L. Sans, S. Alvarez, C. Arias, T. Ho, D. Benaiges, L. Fontdevila, A. Faura, J.M. Ramon, A. Goday, J. Pascual
Barcelona, SPAIN

09.00 ■ CHANGES IN PERIPHERAL AND CENTRAL BLOOD PRESSURE IN OBESE PATIENTS UNDERGOING BARIATRIC SURGERY

A. Oliveras, A.M. Granados, S. Vazquez, L. Sans, S. Alvarez, C. Arias, T. Ho, D. Benaiges, L. Fontdevila, A. Faura, J. Ramon, A. Goday, J. Pascual
Barcelona, SPAIN

09.10 ■ PUBLIC HEALTH IMPACT OF CARDIOVASCULAR TREATMENTS IN PRIMARY PREVENTION: A SIMULATION STUDY ON A VIRTUAL REALISTIC POPULATION

M. Fall^{1,2}, H. Le¹, I. Marchant³, F. Gueyffier¹

¹ Lyon, FRANCE, ² Dakar, SENEGAL, ³ Valparaíso, CHILE

09.20 ■ NON-INVASIVE HEMODYNAMIC MONITORING AS A GUIDE TO DRUG TREATMENT OF UNCONTROLLED HYPERTENSIVE PATIENTS: HOME BLOOD PRESSURE IN THE BEAUTY STUDY

A. Talvik¹, P. Reborá², S. Salerno², E. Miskowska-Nagórna³, X. Liu², M. Heinpalu-Kuum¹, T. Comotti², E. Swierblewska³, M.G. Valsecchi², S.E. Kjeldsen⁴, M. Viigimaa¹, K. Narkiewicz³, G. Parati², S. Laurent⁵

¹ Tallinn, ESTONIA, ² Milan, ITALY, ³ Gdansk, POLAND, ⁴ Oslo, NORWAY, ⁵ Paris, FRANCE

09.30 ■ LECTURE

INFLAMMATION AND IMMUNE SYSTEM: ROLE IN DRUG INNOVATION

R.M. Touyz

Glasgow, UNITED KINGDOM

09.50 ■ CARDIOVASCULAR RISK IS BETTER REDUCED BY BEDTIME THAN UPON AWAKENING HYPERTENSION TREATMENT-REGIMEN: THE HYGIA PROJECT

R. Hermida¹, J.J. Crespo¹, M. Dominguez-Sardiña¹, A. Moya², A. Otero³, M.T. Rios¹, M.C. Castiñeira⁴, P.A. Callejas¹, L. Pousa¹, E. Sineiro², S.M. Gomara², J.L. Salgado¹, C. Duran¹, J.J. Sanchez⁵, A. Mojon¹, J.R. Fernandez¹, D.E. Ayala¹

¹ Vigo, ² Pontevedra, ³ Ourense, ⁴ Lugo, ⁵ Santiago, SPAIN

10.00 ■ THREE DIMENSIONAL META-ANALYSIS OF HYPERTENSION TRIALS WITH HEART FAILURE AS AN OUTCOME

J. Kostis, J. Dobrzynski, D. Sargsyan, J. Cheng, W. Kostis

New Brunswick, NJ, USA

10.10 ■ A RANDOMIZED DOUBLE-BLIND PLACEBO CONTROLLED CROSSOVER STUDY TO COMPARE QGC001, A BRAIN AMINOPEPTIDASE A INHIBITOR, WITH PLACEBO IN PATIENTS WITH GRADE I/II ESSENTIAL HYPERTENSION

M. Azizi¹, P.-Y. Courand², T. Denolle³, V. Zhygalina¹, P. Delsart⁴, L. Amar¹, P. Lantelme², D. Deplanque⁴, C. Mounier-Vehier⁴, F. Balavoine¹, O. Madonna¹, C. Llorens-Cortes¹

¹ Paris, ² Lyon, ³ Dinard, ⁴ Lille, FRANCE

10.20 ■ THE RELATIONSHIP OF ALL-CAUSE MORTALITY TO AVERAGE ON-TREATMENT SYSTOLIC BP IS RELATED TO BASELINE SYSTOLIC BP: IMPLICATIONS FOR INTERPRETATION OF THE SPRINT STUDY

S.E. Kjeldsen¹, K. Wachtell¹, R. Devereux², P. Okin²

¹ Oslo, NORWAY, ² New York, NY, USA

10.30 ■ MODERATION OF ALCOHOL INTAKE AS A RECOMMENDED LIFESTYLE CHANGE IN HYPERTENSION: AWARENESS AND USE IN CLINICAL PRACTICE AMONG EUROPEAN PHYSICIANS

R. Kreutz¹, L. Zaidi Touis¹, J. Bolbrinker¹, H. Gohlke², B. Weisser³

¹ Berlin, ² Dottinger, ³ Kiel, GERMANY

10.40 ■ THE TREATMENT BENEFIT OF THE ACE-INHIBITOR PERINDOPRIL ON TOP OF BETA-BLOCKER THERAPY IN PATIENTS WITH VASCULAR DISEASE AND HYPERTENSION

J. Brugts¹, M. Bertrand², W. Remme³, R. Ferrari⁴, K. Fox⁵, S. MacMahon⁶, J.P. Chalmers⁶, M. Simoons¹, E. Boersma¹

¹ Rotterdam, THE NETHERLANDS, ² Lille, FRANCE, ³ Rhon, THE NETHERLANDS,

⁴ Ferrara, ITALY, ⁵ London, UNITED KINGDOM, ⁶ Sydney, AUSTRALIA

Parallel Oral Session 4B

DIABETES

Chairpersons: E. Ambrosioni (Bologna, ITALY), N. Martell-Claros (Madrid, SPAIN)

08.50 ■ EFFECTS OF DAPAGLIFLOZIN ON EARLY ALTERATIONS OF THE MICRO- AND MACROCIRCULATION IN PATIENTS WITH TYPE-2 DIABETES

C. Ott¹, I. Kistner¹, A. Jumar¹, S. Friedrich¹, P. Bramlage², R.E. Schmieder¹

¹ Erlangen, ² Mahlow, GERMANY

09.00 ■ KLOTHO SUPPLEMENTATION ATTENUATES BLOOD PRESSURE AND OXIDATIVE STRESS IN DIABETES

T. Takenaka¹, H. Kobori¹, T. Inoue², T. Miyazaki², H. Suzuki², A. Nishiyama³, N. Ishii⁴, M. Hayashi¹

¹ Tokyo, ² Saitama, ³ Kagawa, ⁴ Kanagawa, JAPAN

09.10 ■ BI-DIRECTIONAL INTERACTION BETWEEN THE SYMPATHETIC NERVOUS SYSTEM AND SGLT-2 REGULATION

M.P. Schlaich, C. Rudnicka, L. Herat, J. Hricova, R. Elliott, V. Matthews

Perth, AUSTRALIA

09.20 ■ URINARY PROTEOMICS PREDICTS MORTALITY IN TYPE 2 DIABETES PATIENTS WITH MICROALBUMINURIA

G. Currie¹, B.J. Von Scholten², S. Mary¹, J. Siwy³, W. Mullen¹, P. Rossing², C. Delles¹

¹ Glasgow, UNITED KINGDOM, ² Gentofte, DENMARK, ³ Hannover, GERMANY

09.30 ■ MIR-30A-3P EXPRESSION IN THE HEARTS OF DIABETIC RATS: EFFECTS OF ANGIOTENSIN TYPE 1 (AT1) AND ANGIOTENSIN TYPE 2 (AT2) RECEPTORS

G. Castoldi¹, C. Di Gioia², F. Roma¹, R. Carletti², R.A. Sinico¹, A. Stella¹, G. Zerbini³,

G. Perseghin¹

¹ Monza, ² Rome, ³ Milan, ITALY

09.40 ■ FREQUENCY OF PRIMARY ALDOSTERONISM IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA. OSA-PA STUDY

M. Karcz¹, J. Obarska¹, R. Bobrowski¹, D. Lewko¹, M. Drab¹, S. Kolodziejczyk-Kruk¹,

E. Warchol-Celinska¹, B. Pregowska-Chwala¹, J. Janas¹, H. Janaszek-Sitkowska¹, M. Kabat¹,

U. Ambroziak¹, T. Bednarczuk¹, P. Sliwinski¹, M. Reincke², J. Lenders^{3,4}, A. Januszewicz¹,

A. Prejbisz¹

¹ Warsaw, POLAND, ² Munich, GERMANY, ³ Nijmegen, THE NETHERLANDS,

⁴ Dresden, GERMANY

09.50 ■ DURATION OF DIABETES MELLITUS IS ASSOCIATED WITH INCREASED ARTERIAL STIFFNESS IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

E. Starostina, E. Troitskaya, Z. Kobalava

Moscow, RUSSIA

10.00 ■ DEBATE**CPAP THERAPY IN HYPERTENSIVE PATIENTS WITH SLEEP APNOEA SYNDROME****-Helpful**

K. Narkiewicz
Gdansk, POLAND

-Benefit is marginal

C. Lombardi
Milan, ITALY

10.30 ■ IMPORTANCE OF CLINIC AND AMBULATORY BLOOD PRESSURES AS PREDICTORS OF DEVELOPMENT AND PROGRESSION OF DIABETIC KIDNEY DISEASE: THE RIO DE JANEIRO TYPE 2 DIABETES COHORT STUDY

G. Salles, C.R.L. Cardoso, N.C. Leite
Rio de Janeiro, BRAZIL

10.40 ■ TREATMENT GOALS DEFINED BY GENERAL PHYSICIANS IN HYPERTENSIVE TYPE 2 DIABETIC PATIENTS. RESULTS OF THE GERMAN T2-TARGET REGISTRY STUDY IN PRIMARY CARE

T. Mengden¹, W. Sehnert², A. Korzinek³, U. Ligges²
¹ Bad Nauheim, ² Dortmund, ³ Munich, GERMANY

09.00 - 10.30

Silver Hall

Topical Workshop

CARDIOVASCULAR ALTERATIONS DURING AND FOLLOWING PREGNANCY

Chairpersons: J. Brguljan (Ljubljana, SLOVENIA), M.L. Muiesan (Brescia, ITALY)

- 09.00 Diagnosis of hypertension**
C. Iacobus (Stockholm, SWEDEN)
- 09.20 Preeclampsia: causes and consequences on cardiovascular health**
E. Ferrazzi (Milan, ITALY)
- 09.40 Glucose control in pregnancy and long term consequences**
P.M. Nilsson (Malmö, SWEDEN)
- 10.00 Long-term consequences of elevated blood pressure during pregnancy**
J. Brguljan (Ljubljana, SLOVENIA)
- 10.20 Discussion**

Joint Session
ESH (European Society of Hypertension)
LASH (Latin American Society of Hypertension)

CHALLENGES IN BLOOD PRESSURE MANAGEMENT IN LATIN AMERICA

Chairpersons: E.C.D. Barbosa (Porto Alegre, BRAZIL), A. Coca (Barcelona, SPAIN)

- 09.00 Social inequalities as a cardiovascular risk factor in Latin America**
P. López-Jaramillo (Floridablanca, COLOMBIA)
- 09.20 ICT in the frame of managing hypertension**
J. Redon (Valencia, SPAIN)
- 09.40 Availability of and access to antihypertensive drugs in Latin America**
F. Wyss (Guatemala City, GUATEMALA)
- 10.00 Should blood pressure management differ in patients with and without diabetes mellitus?**
A. Zanchetti (Milan, ITALY)
- 10.20 Discussion**

Symposium on New Perspectives from Information and Communication Technology: the ESH Care Smartphones App

IMPROVING ADHERENCE AND BLOOD PRESSURE CONTROL INSIGHTS AND DIGITAL TECHNOLOGY FROM AROUND THE WORLD

Chairperson: G. Parati (Milan, ITALY)

- 09.30 Introduction and welcome**
G. Parati (Milan, ITALY)
- 09.35 Practical recommendations for improvement of adherence to antihypertensive therapy in developed and underdeveloped countries**
C. Tsioufis (Athens, GREECE)
- 09.55 Drug selection, monitoring and titration to improve adherence and efficacy in antihypertensive therapy**
J. Wang (Shanghai, CHINA)
- 10.10 The impact of adherence on blood pressure control: new insights and practical solutions**
G. Parati (Milan, ITALY)
- 10.25 Panel Discussion, Questions and answers**
- 10.45 Conclusions and call to action**
G. Parati (Milan, ITALY)



10.00 - 11.00

Red Hall 1

Minisymposium

Supported by **Menarini Group**

HYPERURICAEMIA: A CARDIO-RENAL MATRIX?

Chairpersons: C. Borghi (Bologna, ITALY), G. Mancia (Milan, ITALY)

- 10.00 Introduction**
G. Mancia (Milan, ITALY)
- 10.05 Serum uric acid and blood pressure: the original sin?**
C. Borghi (Bologna, ITALY)
- 10.20 "Hyperuricaemia elevates kidney disease risk". Guilty or innocent!**
A. Stack (Limerick, IRELAND)
- 10.35 130/6/90 = perfection? What is the ideal uric acid level for patients with hypertension and chronic kidney disease?**
J.T. Kielstein (Hannover, GERMANY)
- 10.50 Discussion**

10.55 - 12.25

Silver Hall

Topical Workshop

GENETICS AND PRECISION MEDICINE

Chairpersons: M.J. Caulfield (London, UNITED KINGDOM),
A.F. Dominiczak (Glasgow, UNITED KINGDOM)

- 10.55 Uromodulin and rare monogenic syndromes**
O. Devuyst (Zurich, SWITZERLAND)
- 11.15 Uromodulin as a marker for precision medicine**
S. Padmanabhan (Glasgow, UNITED KINGDOM)
- 11.35 From blood pressure GWAS to function**
M. Bochud (Lausanne, SWITZERLAND)
- 11.55 New biomarkers from the EU MASCARA Project**
C. Delles (Glasgow, UNITED KINGDOM)
- 12.15 Discussion**

Parallel Oral Session 5A

KIDNEY

Chairpersons: A. Brady (Glasgow, UNITED KINGDOM), P. van der Niepen (Brussels, BELGIUM)

10.55 ■ LECTURE

HYPERTENSION IN DIALYSIS

P. Sarafidis

Thessaloniki, GREECE

11.15 ■ DYSREGULATION OF MICRORNA-181A CAUSED BY OVERACTIVE RENAL SYMPATHETIC NERVES CONTRIBUTES TO ELEVATED RENAL RENIN MRNA AND HYPERTENSION IN SCHLAGER BPH/2J MICE

K. Jackson¹, C. Gueguen¹, K. Lim¹, N. Eikelis¹, F.J. Charchar², G.W. Lambert¹, P. Davern¹, F.Z. Marques^{1,2}, G.A. Head^{1,3}

¹ Melbourne, ² Ballarat, ³ Clayton, AUSTRALIA

11.25 ■ NOVEL STRATEGIES TO IMPROVE THE MANAGEMENT OF ALBUMINURIA IN HYPERTENSIVE DIABETIC PATIENTS

P. Hamet, M.R. Guertin, P. Dumas, R. Tahir, M.P. Sylvestre, J. Kaczorowski, M. Kushnarev, L. Santucci, G. Corbeil, C. Long, J. Tremblay

Montreal, CANADA

11.35 ■ A URINARY FRAGMENT OF MUCIN 1 SUBUNIT ALPHA IS A NOVEL BIOMARKER PREDICTING RENAL DYSFUNCTION IN THE GENERAL POPULATION

Z. Zhang¹, S. Ravassa², M. Pejchinovski³, W. Yang¹, P. Zurbig³, B. López², F.F. Wei¹, L. Thijs¹, L. Jacobs¹, A. González², J. Voigt¹, P. Verhamme¹, T. Kuznetsova¹, J. Díez², H. Mischak^{3,4}, J.A. Staessen^{1,5}

¹ Leuven, BELGIUM, ² Pamplona, SPAIN, ³ Hannover, GERMANY, ⁴ Glasgow, UNITED KINGDOM, ⁵ Maastricht, THE NETHERLANDS

11.45 ■ REDUCED RENAL TISSUE OXYGENATION WITH AGEING IN MEN, BUT NOT IN WOMEN

M. Pruijm, B. Milani, C. Lacob, M. Stuber, M. Burnier

Lausanne, SWITZERLAND

11.55 ■ RENAL DENERVATION PREVENTS PROGRESSION OF HYPERTENSION AND CHANGES TO BAROREFLEX IN A RABBIT MODEL OF CHRONIC KIDNEY DISEASE

G.A. Head¹, Y. Sata¹, S. Burke¹, K. Denton¹, G. Lambert¹, M.P. Schlaich²

¹ Melbourne, ² Perth, AUSTRALIA

12.05 ■ IMPROVED RENAL HEMODYNAMICS REDUCE ALBUMINURIA AND RENAL MACROPHAGE INFILTRATION IN DIABETIC RATS TREATED WITH DUAL ANGIOTENSIN RECEPTOR AND NEPRILYSIN INHIBITION

E. Uijl¹, L.C.W. Roksnoer¹, M.C. Groningen Van¹, J.A. Joles², E.J. Hoorn¹, A.H.J. Danser¹

¹ Rotterdam, ² Utrecht, THE NETHERLANDS

12.15 ■ HCARG/COMMD5 IMPROVES KIDNEY REPAIR BY REGULATING EGF RECEPTOR TRAFFICKING

J. Tremblay¹, C.G. Campion¹, T. Verrissimo¹, S. Cossette¹, H. Matsuda², P. Hamet¹

¹ Montreal, CANADA, ² Tokyo, JAPAN

10.55 - 12.25

Yellow Hall 2

Parallel Oral Session 5B

CARDIOVASCULAR RISK FACTORS

Chairpersons: R. Cifková (Prague, CZECH REPUBLIC), A. Gottsater (Malmö, SWEDEN)

10.55 ■ PULSE WAVE VELOCITY AND DEPRESSION IN HYPERTENSIVE PATIENTS

A. Greco¹, A. Maloberti¹, M. Varrenti¹, D. Lucente¹, L. Pessina¹, A. Peretti¹, C. Franzosi¹, G. Mondellini¹, M. Palazzini¹, S. Laurent², P. Boutouyrie², P. Steca¹, C. Giannattasio¹

¹ Milan, ITALY, ² Paris, FRANCE

11.05 ■ SERUM URIC ACID AND BLOOD PRESSURE PATTERN IN YOUNG ADULT MEN BORN SMALL FOR GESTATIONAL AGE

M. Laganovic, M. Vrkic Kirhmajer, T. Zeljkovic Vrkic, I. Vukovic Brinar, S. Karanovic, Z. Dika, V. Premuzic, M. Fistrek, D. Rogic, L. Banfic, B. Jelakovic

Zagreb, CROATIA

11.15 ■ TIME TO IMPLEMENT SERUM URIC ACID FOR RISK STRATIFICATION IN HYPERTENSIVE WOMEN? LONG-TERM FOLLOW-UP DATA IN THE OLD-HTA COHORT

P.-Y. Courand, C. Berge, H. Milon, B. Harbaoui, P. Lantelme

Lyon, FRANCE

11.25 ■ SMOKING POTENTIATES THE RISK OF CARDIOVASCULAR DISEASE ASSOCIATED WITH TACHYCARDIA

P. Palatini¹, F. Saladini¹, C. Fania¹, L. Mos², A. Mazzer³, E. Casiglia¹

¹ Padua, ² San Daniele del Friuli, ³ Vittorio Veneto, ITALY

11.35 ■ IMMUNE UNREACTIVE URINARY ALBUMIN AS A PREDICTOR OF CARDIOVASCULAR EVENTS: THE HORTEGA FOLLOW-UP STUDY

F. Martínez García¹, G. Pichler¹, M. Tellez-Plaza¹, J. Martín-Escudero², A. Ruiz¹, F. Chaves¹, J. Redon¹

¹ Valencia, ² Valladolid, SPAIN

11.45 ■ CONCENTRIC LEFT VENTRICULAR REMODELING IS ASSOCIATED WITH EARLY ONSET PREECLAMPSIA IN WOMEN WITHOUT PREEXISTENT HYPERTENSION

G.L. Colussi, C. Catena, L. Driul, A. Rossi, F. Pezzutto, V. Fagotto, L. Martorana, L.A. Sechi

Udine, ITALY

11.55 ■ COMMON CAROTID INTIMA-MEDIA THICKNESS MEASUREMENTS IMPROVE INCIDENT CARDIOVASCULAR DISEASE PREDICTION IN THE GENERAL POPULATION: THE SUITA STUDY

Y. Kokubo, M. Watanabe, A. Higashiyama, Y. Nakao, M. Takegami, Y. Miyamoto
Suita, JAPAN

12.05 ■ ASSOCIATION BETWEEN CARDIOVASCULAR RISK SCORE AND RHEUMATOLOGICAL DISEASE ACTIVITY SCORE IN RHEUMATOID ARTHRITIS PATIENTS

A. Maloberti¹, I. Boggioni^{1,2}, G. Di Gennaro^{1,2}, C. Valena^{1,2}, M. Riva², M. Pozzi², G. Grassi^{1,2}
¹ *Milan*, ² *Monza, ITALY*

12.15 ■ RELATIONSHIP BETWEEN RENAL HEMODYNAMICS AND CORONARY ATHEROSCLEROTIC BURDEN IN PATIENTS WITH HYPERTENSION

G. Geraci, G. Mule', D. Buccheri, K. Di Natale, E. Scaduto, M. Zammuto, E. Nardi, C. Geraci, D. Piraino, G. Andolina, S. Cottone
Palermo, ITALY

10.55 - 12.25

Brown Hall

Late-Breakers

SESSION 2

Chairpersons: A. Menon (Mumbai, INDIA), T. Unger (Maastricht, THE NETHERLANDS)

10.55 ■ HOMA INDEX AS A PREDICTOR OF HYPERTENSION IN A PEDIATRIC OBESE POPULATION: PRELIMINARY RESULTS

A. Pugno, D. Zambelli, C. De Benedetti, S. Persampieri, S. Vizzuso, E. Verduci, G. Banderali, S. Carugo
Milan, ITALY

11.05 ■ 24-HOUR SYSTOLIC BLOOD PRESSURE IS INDEPENDENTLY ASSOCIATED WITH DIABETIC RETINOPATHY IN PATIENTS WITH TYPE 2 DIABETES MELLITUS

Y. Turan, E. Turan
Yozgat, TURKEY

11.15 ■ SERUM CHLORIDE IS A MORTALITY RISK PREDICTOR IN TYPE 2 DIABETES MELLITUS. ANALYSIS OF 91,159 PATIENTS IN THE WEST OF SCOTLAND

L. McCallum, C.A. Sainsbury, G.C. Jones, S. Padmanabhan
Glasgow, UNITED KINGDOM

11.25 ■ EFFECTS OF RENAL DENERVATION IN PATIENTS WITH VERSUS WITHOUT CHRONIC KIDNEY DISEASE: RESULTS FROM THE GLOBAL SYMPPLICITY REGISTRY WITH FOLLOW-UP DATA OF 3 YEARS

C. Ott¹, F. Mahfoud², G. Mancina³, K. Narkiewicz⁴, L.M. Ruilope⁵, M.P. Schlaich⁶, B. Williams⁷, M. Böhm², R.E. Schmieder¹
¹ *Erlangen*, ² *Homburg/Saar, GERMANY*, ³ *Monza, ITALY*, ⁴ *Gdansk, POLAND*, ⁵ *Madrid, SPAIN*, ⁶ *Perth, AUSTRALIA*, ⁷ *London, UNITED KINGDOM*

11.35 ■ TARGET BLOOD PRESSURE IN HYPERTENSIVE DIABETICS: A KOREAN NATIONAL HEALTH INSURANCE SERVICE HEALTH EXAMINEE COHORT STUDY

S. Park¹, C. Lee¹, J. Hwang², J. Oh¹, S. Lee¹, S. Kang¹, D. Choi¹, H. Kim¹

¹ *Seoul*, ² *Gyeongbuk, SOUTH KOREA*

11.45 ■ APPARENT AND TRUE TREATMENT RESISTANT HYPERTENSION IN GP: A CROSS SECTIONAL STUDY OF PREVALENCE WITH CONSIDERATION OF MORBIDITY, WHITE COAT HYPERTENSION, DOSING AND ADHERENCE

P. Hayes, M. Casey, L. Glynn, G. Molloy, H. Durand, D. Finn, J. Newell, A. Murphy

Galway, IRELAND

11.55 ■ A GENOME-WIDE ASSOCIATION STUDY ON BLOOD PRESSURE DIPPING IN FINNISH HYPERTENSIVE PATIENTS

J. Rimpelä¹, T.P. Hiltunen¹, A. Jula¹, T.J. Niiranen¹, K. Porthan¹, I. Pörsti², J. Virolainen¹, K.K. Kontula¹

¹ *Helsinki*, ² *Tampere, FINLAND*

12.05 ■ ADDUCIN AND OUABAIN-RELATED GENETIC POLYMORPHISMS ARE ASSOCIATED WITH HYPERTENSION AND CORONARY ARTERY DISEASE IN A TAIWANESE POPULATION

T. Wang¹, H.-J. Lin¹, L.-F. Lau¹, G. Bianchi²

¹ *Taipei City, TAIWAN*, ² *Milan, ITALY*

12.15 ■ EARLY CARDIOVASCULAR PROTECTION BY COMBINATION VS MONOTHERAPY IN HYPERTENSION

F. Rea, G. Corrao, L. Merlino, G. Mancia

Milan, ITALY

Minisymposium

Supported by **Servier**

NEED FOR NEW SOLUTIONS TO IMPROVE THE MANAGEMENT OF HYPERTENSION

Chairpersons: S. Laurent (Paris, FRANCE), G. Mancia (Milan, ITALY)

- 11.00 Introduction**
G. Mancia (Milan, ITALY)
- 11.02 Disturbing inventory of the management of hypertension**
N.R. Poulter (London, UNITED KINGDOM)
- 11.17 Should all hypertensive patients be treated first-line with a combination of drugs?**
R. Feldman (St. John's, CANADA)
- 11.32 Choosing the right fixed-dose combination to better manage hypertension from the start**
F. Limbourg (Hannover, GERMANY)
- 11.47 Discussion**
- Conclusion**
S. Laurent (Paris, FRANCE)

Minisymposium

Supported by **Bristol-Myers Squibb**

OACS: FROM THE BASICS TO THE EVIDENCES

Chairperson: E. Agabiti Rosei (Brescia, ITALY)

- 11.00 From clinical trials to real world**
C. Borghi (Bologna, ITALY)
- 11.25 Findings from OACs pharmacology**
R. Kreutz (Berlin, GERMANY)
- 11.50 Final Discussion**



11.00 - 12.10

Yellow Hall 1

Symposium

Supported by **Fukuda Denshi**

CAVI AND BP INDEPENDENCY: VALIDATION AND CLINICAL USEFULNESS

Chairpersons: R. Asmar (Paris, FRANCE), G. Parati (Milan, ITALY)

- 11.00 Concept and applications of CAVI for BP-independent assessment of arterial stiffness**
B. Williams (London, UNITED KINGDOM)
- 11.15 CAVI: validation of independency from BP and its clinical benefits**
K. Shirai (Toho, JAPAN)
- 11.30 Interactions between blood pressure levels and arterial stiffness**
A. Benetos (Nancy, FRANCE)
- 11.45 Relationship between CAVI and circadian blood pressure profiles**
G. Pucci (Perugia, ITALY)
- 12.00 Discussion**

11.00 - 12.40

Yellow Hall 3

Parallel Oral Session 5C

PEDIATRIC HYPERTENSION

Chairpersons: S. Erdine (Istanbul, TURKEY), E. Lurbe (Valencia, SPAIN)

11.00 ■ STATUS OF CARDIOVASCULAR HEALTH IN CHINESE CHILDREN AND ADOLESCENTS

J. Mi, Y. Yan, H. Dong
Beijing, CHINA

11.10 ■ ASSESSING THE IMPACT OF BIRTH WEIGHT AND POSTNATAL WEIGHT GAIN ON OFFICE AND 24-HOURS AMBULATORY BLOOD PRESSURE IN CHILDREN AT FIVE AND TEN YEARS OF LIFE

J. Álvarez^{1,2}, I. Torro^{1,2}, F. Aguilar^{1,2}, P. Redon^{1,2}, J. Redon^{1,2}, E. Lurbe^{1,2}
¹ Valencia, ² Madrid, SPAIN

11.20 ■ DETERMINANTS OF CENTRAL AND PERIPHERAL PULSE PRESSURE IN A POPULATION OF HEALTHY ADOLESCENTS. THE MACISTE STUDY

G. Pucci, F. Battista, L. Sanesi, M. D'Abbondanza, F. Papi, G. Schillaci
Terni, ITALY

11.30 ■ CENTRAL SYSTOLIC BLOOD PRESSURE AND CENTRAL PULSE PRESSURE PREDICT LEFT VENTRICULAR HYPERTROPHY AND SUBCLINICAL ARTERIAL INJURY IN HYPERTENSIVE CHILDREN

L. Obrycki, A. Niemirska, Z. Kulaga
Warsaw, POLAND

11.40 ■ SERUM URIC ACID IS INCREASED IN NORMOTENSIVE OBESE CHILDREN WITH A PARENTAL HISTORY OF HYPERTENSION

G. Mule', A. Castiglia, M. Genco, E. Consiglio, C. Cusimano, G. Geraci, M. Morreale, R. Roppolo, F. Cardella, S. Cottone
Palermo, ITALY

11.50 ■ ASSOCIATION OF CARDIOVASCULAR RISK VARIABLES WITH HIGH BLOOD PRESSURE AND OVERWEIGHT/OBESITY IN BRAZILIAN STUDENTS AGED 10 – 15 YEARS. THE RIO DE JANEIRO STUDY II

P. Spinetti, F. Fonseca, A. Brandao, E. Campana, M. Magalhaes, B. Harboe, G. Bouzas, J. Bouzas, E. Silva, R. Maia, L. Guimaraes, A. Almeida, E. Freitas, R. Pozzan, A. Brandao
Rio de Janeiro, BRAZIL

12.00 ■ THE LINK BETWEEN CARDIORESPIRATORY FITNESS AND CARDIAC AUTONOMIC NERVOUS SYSTEM IN OBESE YOUTH

P. Redon^{1,2}, G. Grassi³, J. Redon^{1,2}, J. Álvarez^{1,2}, E. Lurbe^{1,2}
¹ Madrid, ² Valencia, SPAIN, ³ Milan, ITALY

12.10 ■ BLOOD PRESSURE PHENOTYPE AS A DETERMINANT OF AORTIC PULSE WAVE VELOCITY IN CHILDREN AND ADOLESCENTS. THE PORTUGUESE VASCULAR PHENOTYPE IN CHILDREN AND ADOLESCENTS COHORT

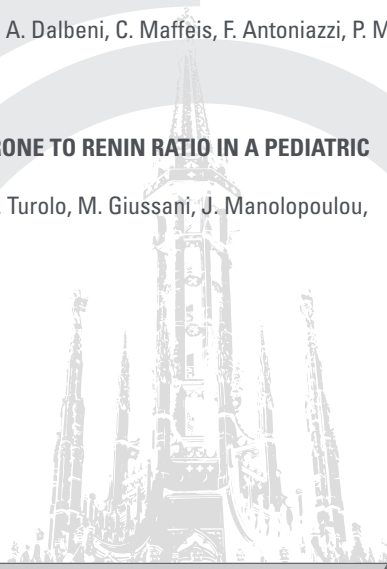
J. Maldonado, T. Pereira, J. Martins, M. Carvalho
Coimbra, PORTUGAL

12.20 ■ OMEGA-6 FATTY ACIDS IN ERYTHROCYTE MEMBRANE ARE INVERSELY ASSOCIATED WITH SEVERAL FEATURES OF THE METABOLIC SYNDROME IN A GROUP OF OBESE CHILDREN

S. Bonafini, A. Tagetti, A. Mantovani, A. Donato, A. Dalbeni, C. Maffei, F. Antoniazzi, P. Minuz, C. Fava
Verona, ITALY

12.30 ■ GENDER DEPENDENCE OF ALDOSTERONE TO RENIN RATIO IN A PEDIATRIC POPULATION

A. Morganti, E. Tassistro, E. Nava, A. Orlando, L. Turolo, M. Giussani, J. Manolopoulou, G. Parati, L. Antolini, S. Genovesi
Milan, ITALY



Teaching Seminar

SESSION 2

Chairpersons: R. Cifková (Prague, CZECH REPUBLIC), B. Trimarco (Naples, ITALY)

12.30 Is antihypertensive treatment cost-effective?

R. Kreutz (Berlin, GERMANY)

12.45 Discussion

12.50 How useful is the concept of "Total" cardiovascular risk in hypertension

M. Bochud (Lausanne, SWITZERLAND)

13.05 Discussion

13.10 What about high BP at the time of a cerebrovascular event?

A. Coca (Barcelona, SPAIN)

13.25 Discussion

13.30 Low blood pressure: good and bad! What is the problem?

D.L. Clement (Ghent, BELGIUM)

13.45 Discussion

13.50 General Discussion

Satellite Symposium

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THE ROLE OF SYMPATHETIC OVERDRIVE IN HYPERTENSION

Chairperson: G. Mancia (Milan, ITALY)

- 12.30 Sympathetic Overdrive and Heart Rate: impact along the CV Continuum**
B. Egan (Greenville, SC, USA)
- 12.55 The current position of Beta-blockers among the antihypertensive therapies**
G. Mancia (Milan, ITALY)
- 13.20 Sympathetic Overdrive in hypertension and the role of Beta-blockers**
J.M. Cruickshank (London, UNITED KINGDOM)
- 13.45 Discussion**

Topical Workshop on Hot Issues

in cooperation with **WHL (World Hypertension League)**

SESSION 2

Chairpersons: D.T. Lackland (Charleston, SC, USA), F. Mahfoud (Homburg/Saar, GERMANY)

- 14.00 Systolic hypertension in the youth**
E. Lurbe (Valencia, SPAIN)
- 14.20 Long-term effects of antihypertensive treatment**
J.P. Chalmers (Sydney, AUSTRALIA)
- 14.40 Blood pressure targets and adverse effects in randomized outcome trials**
A. Zanchetti (Milan, ITALY)
- 15.00 Diastolic hypertension**
J. Wang (Shanghai, CHINA)
- 15.20 Discussion**

14.00 - 15.00

Blue Hall

Minisymposium

Supported by **Servier**

HOW CAN WE OPTIMIZE CARE FOR HYPERTENSIVE PATIENTS WITH DIABETES

Chairpersons: E. Agabiti Rosei (Brescia, ITALY), C. Tsioufis (Athens, GREECE)

14.00 Introduction

C. Tsioufis (Athens, GREECE)

14.02 Emerging trends in the management of hypertension and diabetes

A. Avogaro (Padua, ITALY)

14.17 Management of patients with hypertension and diabetes: overcoming stereotypes

S. Taddei (Pisa, ITALY)

14.32 Day-to-day management of hypertensives with diabetes

J.-J. Mourad (Bobigny, FRANCE)

14.47 Discussion

Conclusion

E. Agabiti Rosei (Brescia, ITALY)

14.00 - 15.00

Yellow Hall 1

How-to Session

HOW TO BEST ASSESS HYPERTENSIVE HEART DISEASE

G. De Simone (Naples, ITALY)

B. Trimarco (Naples, ITALY)

Clinical Cases

SESSION 2

Chairpersons: P. Perrone Filardi (Naples, ITALY), B.H. Watschinger (Vienna, AUSTRIA)

14.00 Treating baroreflex failure after carotid surgery for Takayasu

Y. Sharabi (Tel Aviv, ISRAEL)

14.30 Baroreflex activation therapy in heart failure: shadows and lights

G.L. Seravalle (Milan, ITALY)

Parallel Oral Session 6A

BLOOD PRESSURE MEASUREMENT

Chairpersons: T. Denolle (Dinard, FRANCE), J.J. Segura (Madrid, SPAIN)

14.30 ■ LECTURE

MASKED HYPERTENSION

G. Parati

Milan, ITALY

14.50 ■ CLINICAL SIGNIFICANCE OF STRICT HOME BLOOD PRESSURE CONTROL IN JAPANESE PATIENTS UNDERGOING ANTITHROMBOTIC TREATMENT: THE J-HOP STUDY

S. Hoshida, K. Eguchi, K. Kario

Tochigi, JAPAN

15.00 ■ 24-HOUR SYSTOLIC BLOOD PRESSURE LOAD REPRESENTS AN IMPORTANT VARIABLE IN DETERMINING THE CARDIOVASCULAR RISK PROFILE OF WHITE-COAT HYPERTENSION

M. Tadic¹, M. Bombelli², P. Villa², M. Macchiarulo², M. Gardini², L.O. Parma², F. Nicoli², E. Scotton², R. Facchetti², G. Mancia², G. Grassi²

¹ Berlin, GERMANY, ² Monza, ITALY

15.10 ■ PROGNOSTIC VALUE OF BLOOD PRESSURE CIRCADIAN RHYTHM DISTURBANCES IN NORMOTENSIVE SHIFT WORKERS OF THE ARCTIC POLAR REGION

N. Shurkevich¹, A. Vetoshkin², L. Gapon¹, S. Dyachkov¹, D. Gubin¹

¹ Tyumen, ² Yamburg, RUSSIA

15.20 ■ HIGH PREVALENCE OF MASKED UNCONTROLLED HYPERTENSION AMONG TREATED PATIENTS FOLLOWED UNDER ROUTINE CANADIAN CLINICAL CARE

L. Cloutier³, D. Guay¹, R. Hamel¹, E. Psaradellis², E. Rampakakis², J. Sampalis²

¹ Laval, ² Montreal, ³ Quebec City, CANADA

15.30 ■ NOCTURNAL BLOOD PRESSURE DECLINE BASED ON DIFFERENT TIME INTERVALS AND LONG-TERM CARDIOVASCULAR RISK: THE OHASAMA STUDY

M. Satoh¹, K. Asayama^{1,2}, M. Kikuya¹, R. Inoue¹, M. Tsubota-Utsugi³, T. Obara¹,

K. Murakami², A. Matsuda², T. Murakami¹, K. Nomura², H. Metoki¹, Y. Imai¹, T. Ohkubo²

¹ Sendai, ² Tokyo, ³ Iwate, JAPAN

15.40 ■ PREVALENCE AND CLINICAL CHARACTERISTICS OF TRUE MASKED HYPERTENSION COMPARED TO REVERSE AND ISOLATED NOCTURNAL MASKED HYPERTENSION

G. Tocci^{1,2}, N. Attalla¹, F. Simonelli¹, V. Presta¹, I. Figliuzzi¹, G. Gallo¹, V. Costanzi¹, B. Citoni¹, A. Battistoni¹, A. Ferrucci¹, M. Volpe^{1,2}

¹ Rome, ² Pozzilli, ITALY

15.50 ■ EFFECTS OF A HOME BLOOD PRESSURE MONITORING BY MOBILE PHONE-BASED SELF-MANAGEMENT SUPPORT SYSTEM IN MILD HYPERTENSION: THE KATSURAGI STUDY

K. Ueda, A. Kashiba, N. Miyai, K. Mure, M. Arita

Wakayama, JAPAN

Minisymposium

Supported by **Vifor Pharma**

ENABLING AND OPTIMIZING RAASi THERAPY IN CARDIO-RENAL PATIENTS BY CONTROLLING POTASSIUM LEVELS

Chairperson: G. Mancia (Milan, ITALY)

14.30 Introduction

G. Mancia (Milan, ITALY)

14.35 RAASi therapy benefit and challenges in cardio-renal patients

P. Rossignol (Nancy, FRANCE)

14.55 Treatment strategies to manage hyperkalaemia and control potassium levels

M. Böhm (Homburg/Saar, GERMANY)

15.15 Panel Discussion

Parallel Oral Session 6B

ENDOCRINE HYPERTENSION

Chairpersons: A. Januszewicz (Warsaw, POLAND), P. Lantelme (Lyon, FRANCE)

14.30 ■ TWENTY-FOUR HOUR BLOOD PRESSURE PROFILE AND LEFT VENTRICULAR HYPERTROPHY IN HYPERTENSIVE PATIENTS WITH PRIMARY ALDOSTERONISM

J. Xu, M. Li, X. Tang, L. Zhu, P. Gao, J. Wang
Shanghai, CHINA

14.40 ■ LONG-TERM EFFECTS OF ADRENALECTOMY OR SPIRONOLACTONE ON ARTERIAL STIFFNESS IN PRIMARY ALDOSTERONISM

B. Strauch, O. Petrak, J. Rosa, T. Zelinka, R. Holaj, J. Widimsky Jr.
Prague, CZECH REPUBLIC

14.50 ■ KIF1B AND NF1 ARE THE MOST FREQUENTLY MUTATED GENES IN PARAGANGLIOMAS AND PHEOCHROMOCYTOMAS TUMOURS FROM A BELGIAN MULTICENTRIC COHORT

L. Evenepoel¹, R. Helaers¹, L. Vroonen², S. Aydin¹, M. Hamoir¹, D. Maiter¹, M. Vikkula¹,
A. Persu¹

¹ Brussels, ² Liège, BELGIUM

15.00 ■ DEVELOPMENT OF A PREDICTION MODEL FOR PATIENTS WITH SUSPECTED PRIMARY ALDOSTERONISM AND AN INCONCLUSIVE SALT LOADING TEST

M. Velema¹, E. Linssen¹, A. Hermus¹, H. Groenewoud¹, G. Van Der Wilt¹, J. Van Herwaarden¹, J. Lenders^{1,2}, H. Timmers¹, J. Deinum¹

¹ Nijmegen, THE NETHERLANDS, ² Dresden, GERMANY

15.10 ■ ALDOSTERONE PROMOTES MYOCARDIAL EXTRA-CELLULAR MATRIX REMODELING QUANTIFIED BY MAGNETIC RESONANCE IMAGING IN HUMANS INDEPENDENT FROM THE EFFECT OF BLOOD PRESSURE

A. Redheuil, A. Blanchard, Z. Raissuni, C. Roux, G. Soulat, A. Azarine, G. Chatellier, L. Amar, P.-F. Plouin, P. Boutouyrie, M. Azizi, N. Kachenoura, E. Mousseaux

Paris, FRANCE

15.20 ■ SIMULTANEOUS MEASUREMENT OF ALDOSTERONE AND RENIN CONCENTRATIONS IN TEN MINUTES COULD CHANGE THE CLINICAL ASSESSMENT OF HYPERTENSIVE PATIENTS

F. Satoh¹, R. Morimoto¹, Y. Ono¹, Y. Tezuka¹, K. Omata¹, M. Nezu¹, Y. Iwakura¹, Y. Igarashi¹, M. Kudo¹, C.E. Gomez-Sanchez², S. Ito¹

¹ Sendai, JAPAN, ² Jackson, MS, USA

15.30 ■ DEBATE**PRIMARY ALDOSTERONISM: SHOULD SCREENING INVOLVE ALL HYPERTENSIVE PATIENTS?****-Yes**

G.P. Rossi

Padua, ITALY

-Against

M. Doulmas

Thessaloniki, GREECE

14.30 - 16.00

Brown Hall

Parallel Oral Session 6C

EPIDEMIOLOGY OF HYPERTENSION AND METABOLIC DISORDERS

Chairpersons: G. Cerasola (Palermo, ITALY), F. Wyss (Guatemala City, GUATEMALA)

14.30 ■ NEW EPIDEMIOLOGIC NATIONAL REPRESENTATIVE SURVEY: SEPHAR III - MAIN RESULTS

M. Dorobantu¹, R. Darabont¹, D. Dimulescu¹, C. Sinescu¹, C. Arsenescu-Georgescu², D. Ligezan³, P. Gusbeth-Tatomir⁴, K. Babes⁵, I. Brinza¹, M. Udrescu⁶, O. Tautu¹

¹ Bucharest, ² Iasi, ³ Timisoara, ⁴ Pitesti, ⁵ Oradea, ⁶ Braila, ROMANIA

14.40 ■ CURRENT ANTIHYPERTENSIVE DRUG THERAPY IN SWEDEN IN 12,346 VERY OLD (90 YEARS AND ABOVE) PATIENTS, IN RELATION TO GENDER AND COMORBIDITY

F. Wallentin, B. Wettermark, T. Kahan
Stockholm, SWEDEN

14.50 ■ VALUE OF SYSTOLIC ARTERIAL HYPERTENSION IN PATIENT PRESENTING TO THE EMERGENCY DEPARTMENT WITH MAJOR BLEEDING. THE NORTH-WEST TUSCANY POPULATION-BASED COHORT STUDY

N. Renzi, D. Molesti, A. Tognarelli, F. Madesani, I. Bogazzi, L. Donisi, L. Marracci, A. Lencioni, S. Catarzi, M. Genovesi, E. Perrotta, M. Mazzucchelli, A. Covelli, N. Pisani, A. Conti
Massa-Carrara, ITALY

15.00 ■ SEXUAL DYSFUNCTION IN WOMEN WITH HYPERTENSION DEPENDING ON THE KIND OF ANTIHYPERTENSIVE THERAPY

L. Woznicka-Leskiewicz, A. Posadzy-Malaczynska
Poznan, POLAND

15.10 ■ NUTRITION AND INCIDENT HYPERTENSION IN A LARGE POPULATION OF FRENCH ADULTS: A PROSPECTIVE COHORT STUDY

H. Lelong¹, E. Kesse-Guyot², P. Galan², L. Fezeu², S. Hercberg², J. Blacher¹
¹ Paris, ² Bobigny, FRANCE

15.20 ■ ORTHOSTATIC BLOOD PRESSURE REACTIONS AND CAROTID ATHEROSCLEROTIC PLAQUES IN A POPULATION SURVEY

A. Gurevich, A. Orlov, A. Alieva, M. Boyarinova, E. Moguchaya, O. Rotar, I. Emelyanov, A. Konradi
Saint-Petersburg, RUSSIA

15.30 ■ IMPROVED CONTROL OF HYPERTENSION FROM 2001 TO 2008 WITHIN A COHORT OF 19,574 PATIENTS IN SWEDISH PRIMARY CARE: RESULTS FROM THE SWEDISH PRIMARY CARE CARDIOVASCULAR DATABASE (SPCCD)

C. Holmquist¹, J. Hasselström¹, K. Bengtsson Boström², P. Hjerpe², B. Wettermark¹, K. Manhem³, T. Kahan¹
¹ Stockholm, ² Skövde, ³ Gothenburg, SWEDEN

15.40 ■ HIGH BLOOD PRESSURE AND FEMALE SEXUAL DYSFUNCTION: WHAT IS THE ASSOCIATION?

J. Urbano Galvez, E. Carvajal Ronderos
Elvas, PORTUGAL

15.50 ■ THE BURDEN OF CHRONIC NON-COMMUNICABLE DISEASES IN UNDOCUMENTED MIGRANTS: A ONE-YEAR SURVEY OF DRUGS DISPENSATION BY A NON-GOVERNMENTAL ORGANISATION

S. Perlini¹, G. Fiorini², C. Cerri³, S. Bini³, A. Rigamonti³, N. Marazzi³, A. Sartorio⁴, S. Cella³
¹ Pavia, ² Carate, ³ Milan, ⁴ Verbania, ITALY

15.00 - 16.00

Blue Hall

Minisymposium

Supported by **ReCor Medical**

THE RADIANCE-HTN STUDY: AN UPDATE ON A RANDOMIZED, SHAM-CONTROLLED EVALUATION OF RENAL DENERVATION FOR ESSENTIAL AND RESISTANT HYPERTENSION

Chairpersons: M. Azizi (Paris, FRANCE), A. Pathak (Toulouse, FRANCE)

- 15.00 The RADIANCE-HTN Trial. A progress report and the path to completion**
M. Azizi (Paris, FRANCE)
- 15.20 ReCor Paradise® Technology: a unique ultrasound system for renal denervation with circumferential and depth-controlled ablation**
F. Mahfoud (Homburg/Saar, GERMANY)
- 15.40 The potential impact of RADIANCE-HTN: the implications for hypertension treatment with positive outcomes**
A. Pathak (Toulouse, FRANCE)

15.00 - 16.00

Yellow Hall 1

Meet-the-Expert

HOW TO MANAGE HYPERTENSIVE CRISIS

Experts: C. Farsang (Budapest, HUNGARY),

M. Salvetti (Brescia, ITALY)

Plenary Session

Chairpersons: E. Agabiti Rosei (Brescia, ITALY),
M. Azizi (Paris, FRANCE),
A.F. Dominiczak (Glasgow, UNITED KINGDOM)

16.00 **Presentation of Awards**

Björn Folkow Award

Pieter A. van Zwieten Award

Talal Zein Award

Servier Research Grant

Paul Milliez Award

16.30 Seven decades of hypertension research and education in Ann Arbor, Michigan
S. Julius (Ann Arbor, MI, USA)

16.50 **Björn Folkow Award Lecture**

X. Jeunemaitre (Paris, FRANCE)

17.10 **Presidential Lecture**

Assessment of cardiovascular damage in hypertension
E. Agabiti Rosei (Brescia, ITALY)



07.45 - 08.45

Red Hall 1

Breakfast Workshop

ESH STROKE SURVEY

Chairpersons: R. Cifková (Prague, CZECH REPUBLIC), K. Narkiewicz (Gdansk, POLAND)

07.45 Secondary prevention in post-stroke patients
P. Wohlfahrt (Prague, CZECH REPUBLIC)

08.05 Longitudinal survival of post-stroke patients. ESH Stroke Survey in the Czech Republic
R. Cifková (Prague, CZECH REPUBLIC)

08.25 Discussion

07.45 - 08.45

Red Hall 2

Breakfast Workshop

MEDITATION IN THE TREATMENT OF HYPERTENSION AND CARDIOVASCULAR DISEASE

Chairpersons: I. Guglielmi (Verona, ITALY), R. Schneider (Maharishi Vedic City, IA, USA)

07.45 What is meditation and how to use it in the clinical setting
I. Guglielmi (Verona, ITALY)

08.05 Effect on blood pressure and cardiovascular risk
R. Schneider (Maharishi Vedic City, IA, USA)

08.25 Discussion

07.45 - 08.45

Yellow Hall 1

Breakfast Workshop

NUTRITION AND BLOOD PRESSURE**Chairpersons:** J. Polonia (Porto, PORTUGAL), B. Trimarco (Naples, ITALY)**07.45 Effects of Mediterranean diet on 24 hour ambulatory blood pressure**
A. Coca (Barcelona, SPAIN)**08.05 Nutrition and blood pressure**
P. Strazzullo (Naples, ITALY)**08.25 Discussion**

07.45 - 08.45

Yellow Hall 2

Breakfast Workshop

AORTIC ANEURYSM AND HYPERTENSION**Chairpersons:** S. Erdine (Istanbul, TURKEY), L. Liu (Beijing, CHINA)**07.45 Pathophysiology and diagnostic approach**
G. Koracevic (Belgrade, SERBIA)**08.05 Management of risk factors and medical therapy**
L.E. Poulimenos (Athens, GREECE)**08.25 Discussion**

07.45 - 08.45

Yellow Hall 3

Breakfast Workshop

NEW TECHNIQUES IMAGING FOR ARTERIES**Chairpersons:** P. Boutouyrie (Paris, FRANCE), P. Chowienczyk (London, UNITED KINGDOM)**07.45 4D MRI and aortic hemodynamics**
G. Soulat (Paris, FRANCE)**08.05 Ultrahigh frequency ultrasound in human hypertension**
R.M. Bruno (Pisa, ITALY)**08.25 Discussion**

Parallel Oral Session 7A

RESISTANT HYPERTENSION**Chairpersons:** L.C. Rump (Dusseldorf, GERMANY), G. Wuerzner (Lausanne, SWITZERLAND)**08.50 ■ THE GLOBAL SYMPPLICITY REGISTRY: SAFETY AND EFFICACY REPORT**M.P. Schlaich¹, M. Böhm², G. Mancina³, R.E. Schmieder⁴, F. Mahfoud²¹ Perth, AUSTRALIA, ² Homburg/Saar, GERMANY, ³ Monza, ITALY, ⁴ Erlangen, GERMANY**09.00 ■ SUSTAINED REDUCTION OF BLOOD PRESSURE WITH BARORECEPTOR ACTIVATION THERAPY: RESULTS OF SIX-YEAR OPEN FOLLOW-UP**P.W. De Leeuw¹, J. Bisognano², G.L. Bakris³, M. Nadim⁴, H. Haller⁵, A.A. Kroon¹¹ Maastricht, THE NETHERLANDS, ² Rochester, NY, ³ Chicago, IL, ⁴ Los Angeles, CA, USA, ⁵ Hannover, GERMANY**09.10 ■ LECTURE****RENAL DENERVATION: AN UPDATE**

C. Tsioufis

Athens, GREECE

09.30 ■ EFFECT OF A COLD PRESSURE TEST ON BLOOD PRESSURE AND BRAINSTEM BOLD MRI SIGNAL INTENSITY CHANGES IN HEALTHY VOLUNTEERSM. Hendriks-Balk, F. Megdiche, L. Pezzi, D. Buetti, S. Da Costa, O. Reynaud, M. Burnier, G. Wuerzner

Lausanne, SWITZERLAND

09.40 ■ SLEEP DISTURBANCES AND RESISTANT HYPERTENSION IN A LARGE SAMPLE OF TREATED HYPERTENSIVE SUBJECTS. POL-FOKUS STUDYP. Talarowska¹, M. Kłoczek², J. Gasowski², W. Szelenberger¹, J. Wolf³, T. Piotrowski¹, A. Piotrowska¹, R. Topor-Madry², W. Lesniak², D. Czarnecka², K. Kawecka-Jaszcz², K. Narkiewicz³, A. Januszewicz¹, A. Prejbisz¹¹ Warsaw, ² Kraków, ³ Gdansk, POLAND**09.50 ■ FIRST-IN-HUMAN EVALUATION OF A TRANSVENOUS CAROTID BODY ABLATION DEVICE TO TREAT PATIENTS WITH RESISTANT HYPERTENSION**M.P. Schlaich¹, H. Sievert², V. Reddy³, D. Hering¹, C. Schultz¹, S. Shetty¹, S. Worthley⁴, F. Malek⁵, P. Kmonicek⁵, P. Neuzil⁵¹ Perth, AUSTRALIA, ² Frankfurt, GERMANY, ³ New York, NY, USA, ⁴ Adelaide, AUSTRALIA, ⁵ Prague, CZECH REPUBLIC**10.00 ■ FEASIBILITY AND REPRODUCIBILITY OF INTRARENAL MEASUREMENTS OF PRESSURE AND FLOW: RESULTS OF HERA STUDY**P. Van Brussel, M.A. Van Lavieren, D. Collard, K.P. Van Lienden, J.A. Reekers, J.J. Piek, R.J. De Winter, L. Vogt, B.J. Van Den Born

Amsterdam, THE NETHERLANDS

10.10 ■ A POLYMORPHISM IN THE NORADRENALINE TRANSPORTER GENE IS ASSOCIATED WITH INCREASED BLOOD PRESSURE IN PATIENTS WITH RESISTANT HYPERTENSIONN. Eikelis¹, D. Hering^{1,2}, P. Marusic^{1,2}, A. Walton¹, E. Lambert¹, M. Esler¹, M.P. Schlaich^{1,2}, G. Lambert¹¹ Melbourne, ² Perth, AUSTRALIA

10.20 ■ UROCORTIN2 LEVELS IN PATIENTS WITH RESISTANT HYPERTENSION TREATED WITH ACEI OR ARB

J. Walczewska, O. Siga, A. Dzieza-Grudnik, P. Wolkow, A. Borys, J. Krolczyk, B. Wizner, B. Gryglewska, T. Grodzicki
Kraków, POLAND

10.30 ■ THE BLOOD PRESSURE LOWERING EFFECT OF THE MOBIUSHD DEVICE IS INDEPENDENT OF PULSE PRESSURE

H. Reuter¹, M.C. Bates², C.M. Devireddy³, M.T. Foster III⁴, M.G.H. Ghali⁵, J. Van Der Heyden⁶, A.A. Kroon⁷, F.O. Mendelsohn⁸, M. Eliasziw⁹, W. Spiering¹⁰

¹ Cologne, GERMANY, ² Charleston, SG, ³ Atlanta, GA, ⁴ Knoxville, TN, ⁵ Des Moines, IA, USA,

⁶ Nieuwegein, ⁷ Maastricht, THE NETHERLANDS, ⁸ Birmingham, AL, ⁹ Boston, MA, USA,

¹⁰ Utrecht, THE NETHERLANDS

10.40 ■ CHROMOGRANIN A AS A PREDICTIVE MARKER OF SUCCESSFUL RENAL DENERVATION

N. Barber Chamoux¹, N. Eikelis², B. Pereira¹, D. Hering^{2,3}, P. Marusic^{2,3}, E. Lambert², M.P. Schlaich², G. Lambert², M. Esler²

¹ Clermont-Ferrand, FRANCE, ² Melbourne, ³ Perth, AUSTRALIA

08.50 - 10.50

Yellow Hall 2

Parallel Oral Session 7B

HEART AND HAEMODYNAMICS

Chairpersons: T. Kahan (Stockholm, SWEDEN), S.E. Kjeldsen (Oslo, NORWAY)

08.50 ■ MASKED HYPERTENSIVES EXHIBIT AN EXAGGERATED BLOOD PRESSURE RESPONSE DURING HANDGRIP EXERCISE SIMILAR TO THAT IN HYPERTENSIVE INDIVIDUALS

N. Koletsos, K. Dipla, A. Triantafyllou, V. Sachpekidis, I. Grigoriadou, A. Zafeiridis, E. Gkaliagkousi, P. Anyfanti, A. Zafeiridis, S. Douma
Thessaloniki, GREECE

09.00 ■ LONG TERM CHANGES IN LEFT VENTRICULAR MASS: ECHOCARDIOGRAPHIC FINDINGS FROM A GENERAL POPULATION (THE PAMELA STUDY)

C. Cuspidi¹, R. Facchetti¹, M. Bombelli¹, C. Sala¹, M. Tadic², G. Grassi¹, G. Mancia¹
¹Milan, ITALY, ²Berlin, GERMANY

09.10 ■ THE EFFECTS OF LCZ696 ON LEFT VENTRICULAR REMODELING IN HYPERTENSIVE PATIENTS. RESULTS OF A DOUBLE BLIND, RANDOMIZED, MULTICENTER TRIAL

C. Ott¹, F. Wagner², M. Mayr³, C. Delles⁴, C. Keicher², S. Aichner³, Y. Khder³, D. Yates³, D. Albrecht³, T. Langenickel³, P. Freyhardt², R. Janka¹, J. Bremerich³, R.E. Schmieder¹
¹Erlangen, ²Berlin, GERMANY, ³Basel, SWITZERLAND, ⁴Glasgow, UNITED KINGDOM

09.20 ■ ADDITIVE PROGNOSTIC VALUE OF LEFT VENTRICULAR SYSTOLIC DYSFUNCTION IN A POPULATION-BASED COHORT

T. Kuznetsova, N. Cauwenberghs, J. Knez, W.Y. Yang, L. Herbots, J. Dhooge, L. Thijs, J. Voigt, J.A. Staessen
Leuven, BELGIUM

09.30 ■ CAFFEINE AND COFFEE, INDEPENDENT OF BLOOD PRESSURE, PREVENT INCIDENT HEART FAILURE IN GENERAL POPULATION. ROLE OF THE CYP1A2 -163C>A POLYMORPHISM

V. Tikhonoff ¹, F. Albertini ¹, M. Montagnana ², E. Danese ², F. Finatti ¹, J. Favaro ¹, M. Benati ², L. Dal Maso ¹, P. Spinella ¹, P. Palatini ¹, E. Casiglia ¹
¹ Padua, ² Verona, ITALY

09.40 ■ RELATIONSHIP OF INCIDENT ATRIAL FIBRILLATION TO THE ELECTROCARDIOGRAPHIC STRAIN PATTERN IN HYPERTENSIVE PATIENTS WITH ELECTROCARDIOGRAPHIC LEFT VENTRICULAR HYPERTROPHY

K. Wachtell ¹, S.E. Kjeldsen ¹, R. Devereux ², P. Okin ²
¹ Oslo, NORWAY, ² New York, NY, USA

09.50 ■ FIFTEEN-YEAR PROGNOSTIC SIGNIFICANCE OF ELECTROCARDIOGRAPHIC LEFT VENTRICULAR HYPERTROPHY IN PATIENTS WITH ARTERIAL HYPERTENSION

D. Djordjevic, I. Tasic, S. Kostic, M. Lovic, B. Stamenkovic, D. Lovic, G. Koracevic, A. Djordjevic Niš, SERBIA

10.00 ■ QRS VOLTAGE CORRECTION TO BODY MASS INDEX IN PREDICTING ALL CAUSE MORTALITY AND CARDIOVASCULAR EVENTS. THE MOLI-SANI STUDY

M.L. Muiesan ¹, M. Salvetti ¹, A. Di Castelnuovo ², A. Paini ¹, D. Assanelli ¹, S. Costanzo ², F. Baldini ³, M. Vaglio ³, M.B. Donati ², E. Agabiti Rosei ¹, G. De Gaetano ², L. Iacoviello ²
¹ Brescia, ² Pozzilli, ITALY, ³ New York, NY, USA

10.10 ■ ETHNICITY AND ARTERIAL STIFFNESS IN AN URBAN MIDDLE-INCOME POPULATION

F. Diemer ¹, Y.C. Haan ², F.A. Karamat ², G.P. Oehlers ¹, G.A. Van Montfrans ², L.M. Brewster ^{1,2}
¹ Paramaribo, SURINAME, ² Amsterdam, THE NETHERLANDS

10.20 ■ LEFT VENTRICULAR-ARTERIAL UNCOUPLING IS AN EARLY SIGN OF CARDIOVASCULAR REMODELING IN YOUNG AND MIDDLE-AGED MEN WITH ARTERIAL HYPERTENSION

A. Bogomaz, Y. Kotovskaya, Z. Koblava
Moscow, RUSSIA

10.30 ■ DETERMINANTS OF PULSE PRESSURE AMPLIFICATION IN DRUG NAÏVE HYPERTENSIVE PATIENTS

E. Papakonstantinou, M. Pikilidou, M. Antoniou, M. Yavropoulou, L. Hadjistavri, G. Kladas, P. Georgianos, P. Delidimoudis, P. Zebekakis
Thessaloniki, GREECE

10.40 ■ ASSOCIATION BETWEEN HEART DYSFUNCTION AND NOCTURNAL BLOOD PRESSURE PROFILE IN A COHORT OF PATIENTS WITH ESSENTIAL HYPERTENSION

G. Musiari, D. Di Raimondo, C. Schimmenti, A. Casuccio, A. Tuttolomondo, C. Maida, V. Zappulla, A. Pinto
Palermo, ITALY

Parallel Oral Session 7C

LARGE ARTERIES

Chairpersons: A. Benetos (Nancy, FRANCE), T. De Backer (Ghent, BELGIUM)

08.50 ■ CENTRAL-TO-PERIPHERAL DIASTOLIC BLOOD PRESSURE ATTENUATION IN HEALTHY ADOLESCENT AND THE EFFECTS OF HEART RATE. THE MACISTE STUDY

G. Pucci, F. Battista, L. Sanesi, F. Anastasio, M.E. Crapa, F. Papi, G. Schillaci
Terni, ITALY

09.00 ■ PREDICTORS OF ARTERIAL STIFFNESS IN PATIENTS WITH RHEUMATOID ARTHRITIS

P. Anyfanti, A. Triantafyllou, E. Mantzouranis, N. Koletsos, G. Triantafyllou, S. Chatzimichailidou, E. Gkaliagkousi, S. Aslanidis, S. Douma
Thessaloniki, GREECE

09.10 ■ CHARACTERISTICS OF SUBJECTS AT LOWER END OF CAROTID-FEMORAL PULSE WAVE VELOCITY DISTRIBUTION, WHY ARE THEY HEALTHY?

M. Gottsäter, G. Engström, O. Melander, P.M. Nilsson
Malmö, SWEDEN

09.20 ■ ARTERIAL STIFFNESS IS INDEPENDENTLY CORRELATED WITH MYOCARDIAL MECHANOENERGETIC EFFICIENCY IN A GENERAL POPULATION IN NORTHERN ITALY: THE VOBARNO STUDY

A. Paini, M. Salvetti, D. Stassaldi, F. Bertacchini, G. Maruelli, G. Rubagotti, S. Favro, M. Riviera, L. Dallapellegrina, M. Moretti, E. Agabiti Rosei, M.L. Muiesan
Brescia, ITALY

09.30 ■ ANGIOTENSIN AT2 RECEPTOR AGONIST, COMPOUND 21, PREVENTS ABDOMINAL AORTIC ANEURYSM PROGRESSION AND THE DECREASE OF AORTIC WALL DISTENSIBILITY IN THE RAT

C. Lange¹, M. Sommerfeld¹, P. Namsolleck², U. Kintscher¹, T. Unger², E. Kaschina¹
¹ *Berlin, GERMANY*, ² *Maastricht, THE NETHERLANDS*

09.40 ■ THE PREVALENCE OF CENTRAL HYPERTENSION AND ITS ASSOCIATION WITH TARGET ORGAN DAMAGE IN COMMUNITY-DWELLING ELDERLY CHINESE: THE NORTHERN SHANGHAI STUDY

S. Yu¹, Y. Zhang¹, Y. Xu¹, J. Blacher², J. Xiong¹, Y. Lv¹, B. Bai¹, C. Chi¹, J. Teiliwubai¹
¹ *Shanghai, CHINA*, ² *Paris, FRANCE*

09.50 ■ REFERENCE VALUES FOR AORTIC PULSE WAVE VELOCITY IN PORTUGUESE CHILDREN AND ADOLESCENTS. THE PORTUGUESE VASCULAR PHENOTYPE IN CHILDREN AND ADOLESCENTS (PORT-VASPH) COHORT

T. Pereira, J. Maldonado, J. Martins, M. Carvalho
Coimbra, PORTUGAL

10.00 ■ AMBULATORY VERSUS OFFICE PULSE WAVE VELOCITY IN ADOLESCENTS AND YOUNG ADULTS: COMPARISON AND ASSOCIATION WITH TARGET-ORGAN DAMAGE

A. Kollias, A. Ntineri, G. Servos, D. Georgakopoulos, A. Destounis, I. Moyssakis, A. Vazeou, G.S. Stergiou
Athens, GREECE

10.10 ■ SYNERGISTIC EFFECT OF LOW K AND D VITAMIN STATUS ON ARTERIAL STIFFNESS IN A GENERAL POPULATION

O. Mayer¹, J. Seidlerova¹, P. Wohlfahrt², J. Filipovsky¹, R. Cifková², V. Cerna¹, M. Pesta¹, K. Jardon³, N. Drummen³, C. Vermeer³

¹ Pilsen, ² Prague, CZECH REPUBLIC, ³ Maastricht, THE NETHERLANDS

10.20 ■ IN PATIENTS WITH SUSPECTED CORONARY ARTERY DISEASE DICHOTOMIZED AORTIC PULSE WAVE VELOCITY IS DISCRIMINATIVE IN WOMEN BUT NOT IN MEN IN SURVIVAL ANALYSIS

C. Mayer¹, B. Hametner¹, S. Parragh¹, K. Whitelegg¹, T. Weber², S. Wassertheurer¹

¹ Vienna, ² Wels, AUSTRIA

10.30 ■ RELATIONSHIP BETWEEN DIMENSIONS OF THE ASCENDING AORTA AND CLINIC AND 24 HOURS BLOOD PRESSURE IN A GENERAL POPULATION IN NORTHERN ITALY

M. Salvetti, A. Paini, F. Bertacchini, D. Stassaldi, C. Agabiti Rosei, C. Aggiusti, G. Rubagotti, G. Maruelli, S. Favro, E. Agabiti Rosei, M.L. Muiesan

Brescia, ITALY

10.40 ■ IMPACT OF KIDNEY TRANSPLANTATION ON AORTIC PULSE WAVE VELOCITY AND AORTIC STIFFNESS INDEX B0

M. Desjardins¹, A. Sidibe¹, C. Fortier¹, S. Deserres¹, B. Spronck², M. Agharazii¹

¹ Quebec City, CANADA, ² Sydney, AUSTRALIA

08.50 - 10.50

Brown Hall

Late-Breakers

SESSION 3

Chairpersons: P. Stylianou (Nicosia, CYPRUS), R. Zimlichman (Holon, ISRAEL)

08.50 ■ AGE-DEPENDENT SYMPATHETIC NEURAL RESPONSES TO BETA-1 SELECTIVE BETA-BLOCKADE IN UNTREATED HYPERTENSION-RELATED TACHYCARDIA

D. Hering, W. Kucharska, K. Czechowicz, M. Chrostowska, K. Narkiewicz

Gdansk, POLAND

09.00 ■ HOME BLOOD PRESSURE MEASUREMENT WITH HY-RESULT SYSTEM: PATIENTS VERSUS WEB USERS OPINION STUDY

N. Postel-Vinay¹, B. Bobrie¹, O. Steichen¹, E. Berra², S. Savard³, A. Persu⁴

¹ Paris, FRANCE, ² Turin, ITALY, ³ Quebec City, CANADA, ⁴ Brussels, BELGIUM

09.10 ■ SYMPATHETIC NERVE ACTIVITY IS INDEPENDENTLY LINKED TO GEOMETRIC AND ELASTIC PROPERTIES OF COMMON CAROTID ARTERY IN RESISTANT HYPERTENSION

D. Hering¹, R. Nowak¹, K. Czechowicz¹, W. Kucharska¹, P. Boutouyrie², S. Laurent², K. Narkiewicz¹

¹ Gdansk, POLAND, ² Paris, FRANCE

09.20 ■ POPULATION-BASED REFERENCE VALUES FOR PULSATILE HEMODYNAMICS ACROSS THE ADULT LIFE SPAN

T. Weber¹, S. Wassertheurer², B. Hametner², S. Moebus³, A. Mahabadi³, U. Roggenbuck³, N. Lehmann³, A. Stang³, K. Joeckel³, R. Erbel³

¹ *Wels*, ² *Vienna, AUSTRIA*, ³ *Essen, GERMANY*

09.30 ■ HELPER-DEPENDENT ADENOVIRUS-MEDIATED GENE TRANSFER OF A SECRETED LDL RECEPTOR/TRANSFERRIN CHIMERIC PROTEIN REDUCES AORTIC ATHEROSCLEROSIS IN LDL RECEPTOR-DEFICIENT MICE

E. Leggiero, G. Labruna, L. Iaffaldano, B. Lombardo, L. Tripodi, A. Greco, D. Fiorenza, M. Gramanzini, F. Salvatore, L. Sacchetti, L. Pastore
Naples, ITALY

09.40 ■ ATTENUATION OF SPLANCHNIC AUTOTRANSFUSION FOLLOWING NON-INVASIVE ULTRASOUND RENAL DENERVATION: A NOVEL MARKER OF PROCEDURAL SUCCESS

M. Saxena¹, T. Shour¹, M. Shah¹, C. Wolff¹, D.J. Collier¹, V. Kapil¹, A. Balawon¹, J.M. Pheby¹, A. Zak¹, P. Julu¹, B. O'Brien¹, R.E. Schmieder², M. Lobo¹

¹ *London, UNITED KINGDOM*, ² *Erlangen, GERMANY*

09.50 ■ COMPARATIVE EFFECTIVENESS CLUSTER-RANDOMIZED TRIAL OF A NURSE-LED TASK-SHIFTING STRATEGY FOR HYPERTENSION CONTROL VERSUS PROVISION OF HEALTH INSURANCE COVERAGE IN CHCS IN GHANA

G. Ogedegbe¹, J. Plange-Rhule², J. Gyamfi¹, W. Chaplin¹, J. Iwelunmor³, M. Ntim², K. Apusiga², K. Quakyi¹, J. Mogavero¹, K. Khurshid¹, B. Tayo⁴, R. Cooper⁴

¹ *New York, NY, USA*, ² *Kumasi, GHANA*, ³ *Urbana*, ⁴ *Maywood, IL, USA*

10.00 ■ SERUM CHLORIDE AND ADVERSE CARDIOVASCULAR EVENTS IN THE ANGLO SCANDINAVIAN CARDIAC OUTCOMES TRIAL (ASCOT)

L. McCallum¹, P. Welsh¹, P. Sever², N. Sattar¹, S. Padmanabhan¹

¹ *Glasgow*, ² *London, UNITED KINGDOM*

10.10 ■ PUTTING SPRINT IN CONTEXY. META-ANALYSIS OF PRIMARY PREVENTIVE TRIALS WITH BASELINE SYSTOLIC BLOOD PRESSURE < 140 MM HG

M. Brunström, B. Carlberg
Umeå, SWEDEN

10.20 ■ METABOLOMICS PROFILING OF SERUM ELECTROLYTES SHOW A FATTY ACID ENRICHMENT FOR SERUM POTASSIUM LEVELS

C. Menni¹, L. McCallum², J. Zierer¹, T.D. Spector¹, S. Padmanabhan²

¹ *London*, ² *Glasgow, UNITED KINGDOM*

10.30 ■ DETRIMENTAL EFFECT ASSOCIATED WITH THE USE OF MORE THAN THREE DRUG CLASSES TO ACHIEVE BLOOD PRESSURE CONTROL IN SPRINT

L. McCallum¹, A. Llano¹, A. Aman¹, J. McClure¹, A. Jardine¹, A.F. Dominiczak¹, P. Chowienczyk², S. Padmanabhan¹

¹ *Glasgow*, ² *London, UNITED KINGDOM*

10.40 ■ THE USE OF CARDIOVASCULAR PREVENTION DRUGS IN SUBJECTS AFTER STROKE OR TIA. A POPULATION STUDY

J. Redon¹, R. Uso¹, J.L. Trillo¹, A. Fernandez¹, F. Morales¹, D. Orozco², V. Gil², J. Sanchis¹

¹ *Valencia*, ² *Alicante, SPAIN*

09.00 - 10.30

Silver Hall

Joint Session

ESH (European Society of Hypertension)

EASD (European Association for the Study of Diabetes)

RISK FACTOR CONTROL IN TYPE 2 DIABETES. AN UPDATE 2017

Chairpersons: A. Ceriello (Barcelona, SPAIN), D. Lovic (Niš, SERBIA)

- 09.00 Treatment of hypertension in diabetes**
G. Mancina (Milan, ITALY)
- 09.20 Mechanisms of hypertension in diabetes: the specificities**
P. Valensi (Bondy, FRANCE)
- 09.40 Antihypertensive effects of the glucose lowering agents**
N. Lalic (Belgrade, SERBIA)
- 10.00 Hypertension in diabetes - epidemiology and diagnosis**
C. Ferri (L'Aquila, ITALY)
- 10.20 Discussion**

09.00 - 10.30

Blue Hall

Topical Workshop on Hot Issues

SESSION 3

Chairpersons: M.H. Alderman (New York, NY, USA), R. Castillo (Makati City, PHILIPPINES)

- 09.00 Combination treatment as first step: which is the new evidence?**
N.R. Poulter (London, UNITED KINGDOM)
- 09.20 The Spanish ambulatory blood pressure registry: an update/overview**
L.M. Ruilope (Madrid, SPAIN)
- 09.40 Blood pressure lowering strategies in CAD patients**
A.J. Manolis (Athens, GREECE)
- 10.00 New cancer therapies, hypertension and cardiovascular disease**
B. Levy (Paris, FRANCE)
- 10.20 Discussion**

Parallel Oral Session 7D

BLOOD PRESSURE MEASUREMENT

Chairpersons: J. Mesquita Bastos (Aveiro, PORTUGAL), M. Miglinas (Vilnius, LITHUANIA)

09.00 ■ PROGNOSTIC VALUE OF HOME VERSUS OFFICE BLOOD PRESSURE: DIDIMA STUDY 19-YEAR FOLLOW-UP

P. Kalogeropoulos, A. Ntineri, K. Kyriakoulis, E. Aissopou, G.S. Stergiou
Athens, GREECE

09.10 ■ HOME AND OFFICE BLOOD PRESSURE AS DETERMINANTS OF KIDNEY DISEASE IN THE GENERAL POPULATION: THE FINN-HOME STUDY

S. Sivén¹, V. Langén¹, P. Puukka¹, J. Sundvall¹, I. Kantola¹, A. Jula¹, T. Niiranen^{1,2}
¹ *Turku, FINLAND*, ² *Framingham, MA, USA*

09.20 ■ CUFF-BASED AMBULATORY BLOOD PRESSURE MEASUREMENT CAUSES AROUSAL REACTIONS AND RAISES SYSTOLIC BLOOD PRESSURE AT NIGHT. COMPARISON WITH BEAT-TO-BEAT AND CUFF-LESS METHOD

G. Kuechler¹, J. Gehring¹, C. Fiedel², D. Schmitt², W. Voelker²
¹ *Randersacker*, ² *Wuerzburg, GERMANY*

09.30 ■ NOCTURNAL HYPERTENSION AND PROGRESSIVE RENAL FUNCTION LOSS IN RENAL TRANSPLANT PATIENTS

F. Mallamaci, G. D'Arrigo, R. Tripepi, D. Leonardis, G. Porto, A. Testa, S. Abd Elhafeez, A. Mafrica, M.C. Versace, F. Provenzano, G. Tripepi, C. Zoccali
Reggio Calabria, ITALY

09.40 ■ NEED FOR FOREARM BLOOD PRESSURE REFERENCE VALUES AT HEART LEVEL

M. Stojanovic, T. Nisic, J. Ciric, M. Stojkovic, S. Savic, B. Beleslin, B. Parapid, V. Stojanov, M. Zarkovic
Belgrade, SERBIA

09.50 ■ DEBATE

VISIT-TO-VISIT BLOOD PRESSURE VARIABILITY

- A new important marker of protection by treatment

E. Dolan
Dublin, IRELAND

- New important markers in the protection of treated patients: drawbacks exist

G. Mancia
Milan, ITALY

10.20 ■ 24-HOUR CENTRAL BLOOD PRESSURE IS BETTER ASSOCIATED WITH TARGET ORGAN DAMAGE OF HYPERTENSION THAN BRACHIAL BLOOD PRESSURE: THE VASOTENS REGISTRY

S. Omboni¹, I.N. Posokhov², G. Parati³, V.S. Barkan⁴, E.G. Cardona Muñoz⁴, E.A. Grigorieva⁴, I.E. Minyukhina⁴, M.L. Muiesan⁴, G. Mule⁴, I.A. Orlova⁴, T. Pereira⁴
¹ *Varese, ITALY*, ² *Nizhny Novgorod, RUSSIA*, ³ *Milan, ITALY*, ⁴ *The VASOTENS Registry Study Group*

Topical Workshop

HYPERTENSION IN WOMEN: IMPORTANT CLUES AND TRAPS

Chairpersons: M. Dorobantu (Bucharest, ROMANIA), A.H.E.M. Maas (Nijmegen, THE NETHERLANDS)

- 09.00** **Is there undertreatment of hypertension in women?**
A. Gottsater (Malmö, SWEDEN)
- 09.20** **Female specific risk factors for hypertension**
A.H.E.M. Maas (Nijmegen, THE NETHERLANDS)
- 09.40** **Gender differences in cardiac and vascular structure and function in hypertension**
M.L. Muiesan (Brescia, ITALY)
- 10.00** **Cardiovascular risk in women and men: similarities and differences**
K. Dimitriadis (Athens, GREECE)
- 10.20** **Discussion**

Plenary Session

Chairpersons: S. Laurent (Paris, FRANCE), C. Tsioufis (Athens, GREECE)

Debates

10.55 Treatment-induced changes of organ damage predict outcomes

- Yes

R.E. Schmieder (Erlangen, GERMANY)

- More evidence is needed

E. Agabiti Rosei (Brescia, ITALY)

11.25 Blood pressure targets for treatment: aggressive or conservative?

- Aggressive

M. Burnier (Lausanne, SWITZERLAND)

- Conservative

S.E. Kjeldsen (Oslo, NORWAY)

11.55 Drug treatment of resistant hypertension

- Antialdosterone agents are the choice

B. Williams (London, UNITED KINGDOM)

- Other drug strategies are useful

M. Azizi (Paris, FRANCE)



Teaching Seminar

SESSION 3

Chairpersons: E. Ambrosioni (Bologna, ITALY), D.L. Clement (Ghent, BELGIUM)

12.30 Why is blood pressure still insufficiently controlled in Europe? What can be done?
B. Jelakovic (Zagreb, CROATIA)

12.45 Discussion

12.50 Adherence to antihypertensive treatment
M. Azizi (Paris, FRANCE)

13.05 Discussion

13.10 Is sport dangerous in hypertensive patients?
C. Giannattasio (Milan, ITALY)

13.25 Discussion

13.30 Uric acid and hypertension: what is the problem?
C. Borghi (Bologna, ITALY)

13.45 Discussion

13.50 General Discussion

Joint Session
ESH (European Society of Hypertension)
ERA/EDTA (European Renal Association/
European Dialysis and Transplant Association)

Chairpersons: E. Agabiti Rosei (Brescia, ITALY), A. Wiecek (Katowice, POLAND)

- 14.00 Drug induced hypertension**
G. Capasso (Naples, ITALY)
- 14.20 Blood pressure and diabetic nephropathy**
J. Redon (Valencia, SPAIN)
- 14.40 Albuminuria – to predict the risk of cardiovascular and renal events**
R. Gansevoort (Groningen, THE NETHERLANDS)
- 15.00 Insufficient cardiovascular protection in CKD, can it be improved?**
L.M. Ruilope (Madrid, SPAIN)
- 15.20 Discussion**



14.00 - 15.30

Blue Hall

Joint Session

ESH (European Society of Hypertension)

PSH (Portuguese Society of Hypertension)

GLOBAL CARDIOVASCULAR RISK: STRATEGIC APPROACHES IN PORTUGUESE SPEAKING COUNTRIES**Chairpersons:** M. de Carvalho Rodrigues (Lisbon, PORTUGAL), F. Pinto (Santa Maria da Feira, PORTUGAL)**14.00 Opening and introduction****14.05 Stoke: a challenge or a fatality?**

V. Paixão Dias (Porto, PORTUGAL)

14.20 Clinical perspective on management of hypertension grade I with low risk

E.C.D. Barbosa (Porto Alegre, BRAZIL)

14.35 Challenges for hypertension control in a developing country

A. Damasceno (Maputo, MOZAMBIQUE)

14.50 Blood pressure goals: why the debate continues

A.A. Brandão (Rio de Janeiro, BRAZIL)

15.05 Economic impact and clinical practice in Portugal: complementary or antagonistic?

L. Martins (Santa Maria da Feira, PORTUGAL)

15.20 Discussion and Closing Remarks

14.00 - 15.00

Yellow Hall 1

How-to Session

HOW TO INTERPRETE AND REPORT ABP TRACINGS

A. de la Sierra (Barcelona, SPAIN),

F. Saladini (Padua, ITALY)

Clinical Cases

SESSION 3

Chairpersons: D. Lovic (Niš, SERBIA), A.J. Manolis (Athens, GREECE)

14.00 Patient with OSA (Obstructive Sleep Apnoea) and hypertension

M. Zdravkovic (Belgrade, SERBIA)

14.30 Patient with stable angina and hypertension

M. Kallistratos (Athens, GREECE)

Parallel Oral Session 8A

ENDOTHELIUM AND ATHEROSCLEROSIS

Chairpersons: P. Cunha (Guimarães, PORTUGAL), S. Taddei (Pisa, ITALY)

14.30 ■ NEWLY DIAGNOSED DIABETES MELLITUS IS ASSOCIATED WITH INCREASED LEVELS OF ERYTHROCYTE MICROPARTICLES

E. Gkaliagkousi, B. Nikolaidou, E. Giannaki, D. Markala, A. Samalidou, A. Triantafyllou, A. Vamvakis, E. Gavriilaki, S. Douma
Thessaloniki, GREECE

14.40 ■ SHORT TELOMERES, BUT NOT TELOMERE ATTRITION RATES, ARE ASSOCIATED WITH CAROTID ATHEROSCLEROSIS

S. Toupance¹, A. Kearney-Schwartz¹, M. Temmar², C. Lakomy¹, C. Labat¹, P. Rossignol¹, F. Zannad¹, A. Aviv³, A. Benetos¹
¹ Nancy, FRANCE, ² Ghardaia, ALGERIA, ³ Newark, NJ, USA

14.50 ■ EFFECTS OF A NEW COMBINATION OF NUTRACEUTICS ON ENDOTHELIAL FUNCTION

A. Carrizzo¹, V. Trimarco², F. Rozza², R. Izzo², C. Vecchione³
¹ Pozzilli, ² Naples, ³ Baronissi, ITALY

15.00 ■ DELETION OF THE MAS RECEPTOR AGGRAVATES THE DEVELOPMENT OF ABDOMINAL AORTIC ANEURYSMS BLOOD PRESSURE INDEPENDENTLY IN APOLIPOPROTEIN E-DEFICIENT MICE

J. Stegbauer, G. Yang, S. Temme, S. Bruno, L. Hering, S. Höges, L.C. Rump
Düsseldorf, GERMANY

15.10 ■ PLATELET-DERIVED GROWTH FACTOR-BB ACTIVATES MITOGEN-ACTIVATED PROTEIN KINASES CONTRIBUTING TO NEOINTIMA FORMATION

J. Chen, D. Li, P. Gao, J. Huang
Shanghai, CHINA

15.20 ■ PULSATILE STRETCH ALTERS AMYLOID PRECURSOR PROTEIN EXPRESSION AND NITRIC OXIDE SIGNALLING IN HUMAN CEREBRAL ENDOTHELIAL CELLS PRE-EXPOSED TO GLYCOSPHINGOLIPID INHIBITION

S. Gangoda, B. Veppala, M. Butlin, V. Gupta, R. Chung, A. Avolio
Sydney, AUSTRALIA

15.30 ■ OVEREXPRESSION OF VEGF-A IS REVERSELY CORRELATED WITH DECREASED EXPRESSION OF TIMP-1 IN ENDOTHELIAL CELLS OF HYPERTENSIVE PATIENTS IN PREDIALYSIS STAGES OF CHRONIC KIDNEY DISEASE

G. Dimas, T. Tegos, A. Papagiannis, E. Beretouli, G. Karagianopoulou, C. Savvopoulos, G. Karkavelas, A. Hatzitolios, D. Grekas
Thessaloniki, GREECE

15.40 ■ EXTRACELLULAR HISTONES MODULATE NITRIC OXIDE AND PROSTANOIDS RELEASE IN HUMAN ENDOTHELIAL CELLS

S. Novella, D. Perez-Cremades, C. Bueno-Betí, J.L. García-Giménez, J.S. Ibañez-Cabellos, F.V. Pallardó, C. Hermenegildo
Valencia, SPAIN

15.50 ■ EFFICACY OF MONOCLONAL ANTIBODIES ANTI-PROPROTEIN CONVERTASE SUBTILISIN-KEXIN TYPE 9 IN IMPROVING LIPID PROFILE AND ARTERIAL STIFFNESS IN PATIENTS AFFECTED BY FAMILIAL HYPERCHOLESTEROLEMIA

G. Mandraffino, C.O. Aragona, V. Cairo, G. Trapani, S. Quartuccio, F. Mamone, M. Scuruchi, A. Saitta, E. Imbalzano
Messina, ITALY

14.30 - 16.00

Red Hall 2

Parallel Oral Session 8B

OBESITY AND METABOLIC SYNDROME

Chairpersons: I. Chazova (Moscow, RUSSIA), C. Ferri (L'Aquila, ITALY)

14.30 ■ GENDER DIFFERENCES IN THE METABOLIC SYNDROME: HYPERTENSION IS THE FIRST APPARENT COMPONENT IN MEN, WHEREAS INCREASED WAIST CIRCUMFERENCE LEADS IN WOMEN

Y. Marcus¹, E. Segev¹, G. Shefer^{1,2}, D. Zeid¹, G. Shenkerman¹, A. Buch¹, S. Shenhar¹, I. Shapira¹, S. Berliner¹, N. Stern¹
¹ Tel Aviv, ² Holon, ISRAEL

14.40 ■ HYPERTENSION WITHIN THE METABOLIC SYNDROME: RESULTS OF THE 40 YEAR FOLLOW UP OF THE SEVEN COUNTRIES STUDY

B. Parapid¹, N. Danchin², V. Kanjuh³, M. Stojanovic¹, O.M.S. Nedeljkovic-Arsenovic¹, B. Obrenovic-Kircanski¹, D.V. Simic¹, J. Moschandreas³, H. Blackburn⁴, A. Menotti⁵, H. Adachi⁶, D. Kromhout⁷, D. Jacobs⁴, A. Nissinen⁸, M. Ostojic¹

¹ Belgrade, SERBIA, ² Paris, FRANCE, ³ Heraklion, GREECE, ⁴ Minneapolis, MN, USA, ⁵ Rome, ITALY, ⁶ Kurume, JAPAN, ⁷ Wageningen, THE NETHERLANDS, ⁸ Kuopio, FINLAND

14.50 ■ COFFEE IS A PREDICTOR OF FUTURE HYPERTENSION AND MICROALBUMINURIA IN TROPHY STUDY OF PREHYPERTENSION

P. Palatini¹, F. Saladini¹, S. Julius²

¹ Padua, ITALY, ² Ann Arbor, MI, USA

15.00 ■ ASSOCIATIONS OF PRO-ATRIAL NATRIURETIC PEPTIDE WITH COMPONENTS OF THE METABOLIC SYNDROME IN HEALTHY ADOLESCENTS AND YOUNG ADULTS FROM THE GENERAL POPULATION

J.L. Jeppesen¹, T.S. Goharian¹, J.P. Goetze², J. Faber³, L.B. Andersen⁴, A. Grøntved⁵

¹ Glostrup, ² Copenhagen, ³ Herlev, DENMARK, ⁴ Oslo, NORWAY, ⁵ Odense, DENMARK

15.10 ■ TRANSGENERATIONAL INHERITANCE OF OBESITY AND HYPERTENSION

K. Lim, K. Jackson, Y. Sata, G.A. Head

Melbourne, AUSTRALIA

15.20 ■ SACCHARIN INCREASES FASTING BLOOD GLUCOSE BUT NOT LIVER INSULIN RESISTANCE IN COMPARISON TO HIGH FRUCTOSE FED RAT MODEL

A. Leibowitz, A. Bier, M. Gilboa, E. Peleg, I. Barshak, E. Grossman

Ramat-Gan, ISRAEL

15.30 ■ ASSESSMENT OF DIETARY MAGNESIUM INTAKE AND CONSUMPTION FREQUENCY OF MAGNESIUM-RICH FOODS BY HYPERTENSIVE PATIENTS

J. Zak, K. Stolarz-Skrzypek, D. Czarnecka

Krakow, POLAND

15.40 ■ HIGH SODIUM INTAKE IN TREATED BUT UNCONTROLLED HYPERTENSIVE PATIENT

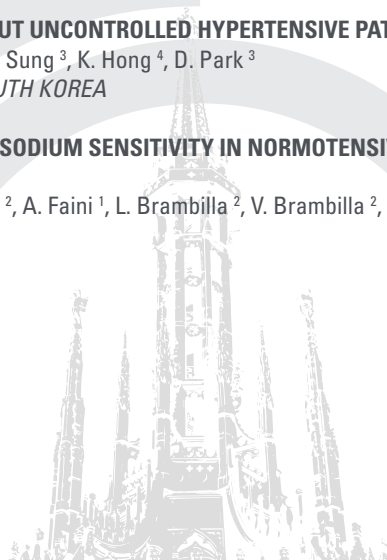
M. Rhee¹, J. Kim¹, S. Shin¹, D. Nah², N. Gu¹, K. Sung³, K. Hong⁴, D. Park³

¹ Goyang, ² Gyeongju, ³ Seoul, ⁴ Chuncheon, SOUTH KOREA

15.50 ■ SODIUM SENSITIVITY AND INVERSE SODIUM SENSITIVITY IN NORMOTENSIVE AND HYPERTENSIVE INDIVIDUALS

P. Castiglioni¹, G. Parati¹, D. Lazzeroni², M. Bini², A. Faini¹, L. Brambilla², V. Brambilla², P. Coruzzi²

¹ Milan, ² Parma, ITALY



Parallel Oral Session 8C

MICROCIRCULATION AND SMALL VESSELS

Chairpersons: M. Bursztyn (Jerusalem, ISRAEL), E. Grossman (Tel Hashomer, ISRAEL)

14.30 ■ LECTURE**NEW MEASUREMENTS OF RETINAL VASCULATURE: WHAT HAS BEEN ACHIEVED?**

D. Rizzoni

Brescia, ITALY

14.50 ■ NORADRENERGIC RECEPTOR FUNCTION IN HEALTHY AND OBESE PERIVASCULAR ADIPOSE TISSUE

S. Saxton, R. Aldous, J. Ohanian, S. Withers, A.M. Heagerty

Manchester, UNITED KINGDOM

15.00 ■ COMPARISON BETWEEN THREE NON-INVASIVE TECHNIQUES OF EVALUATION MICROVASCULAR MORPHOLOGY VS. THE GOLD-STANDARD LOCALLY INVASIVE MICROMYOGRAPHY. PRELIMINARY DATA

C. De Ciuceis, S. Caletti, M.A. Coscignano, C. Rossini, S. Duse, F. Docchio, S. Pasinetti, F. Zambonardi, F. Semeraro, G. Sansoni, C. Agabiti Rosei, P. Pileri, E. Agabiti Rosei, D. Rizzoni
Brescia, ITALY

15.10 ■ UNTREATED INDIVIDUALS WITH HYPERTENSION EXHIBIT IMPAIRMENTS IN SKELETAL MUSCLE OXYGENATION AND BLUNTED MICROVASCULAR REACTIVITY

K. Dipla¹, A. Triantafyllou², E. Gkaliagkousi², N. Koletsos², V. Sachpekidis², S. Papadopoulos¹, I. Vrabas¹, A. Zafeiridis¹, S. Douma²

¹ Serres, ² Thessaloniki, GREECE

15.20 ■ THE RELATIONSHIP BETWEEN RETINAL MICROCIRCULATION AND LARGE ARTERIES IN PATIENTS WITH ESSENTIAL HYPERTENSION

E. Dabrowska¹, A. Szyndler¹, B. Graff¹, E. Miskowska-Nagorna¹, A. Stefanski¹, J. Harazny^{2,3}, R.E. Schmieder³, K. Narkiewicz¹

¹ Gdansk, ² Olsztyn, POLAND, ³ Erlangen, GERMANY

15.30 ■ CUTANEOUS THERMAL HYPEREMIA IS MOSTLY NITRIC OXIDE MEDIATED AND DIMINISHED IN SMOKERS

K. Ibrahimi¹, Y. De Graaf², R. Draijer², A.H.J. Danser¹, A. Maassen Van Den Brink¹, A.H. Van Den Meiracker¹

¹ Rotterdam, ² Vlaardingen, THE NETHERLANDS

15.40 ■ RETINAL ARTERIOLAR WALL-TO-LUMEN RATIO IS USEFUL IN THE MANAGEMENT OF MASKED TREATED HYPERTENSIVE PATIENTS

A. Gallo, A. Mattina, C. Kanaga, X. Girerd, D. Rosenbaum

Paris, FRANCE

15.50 ■ DIFFERENCES IN ENDOTHELIAL GLYCOCALYX DIMENSIONS IN HYPERTENSIVE PATIENTS WITH EXTREME HIGH DENSITY LIPOPROTEIN CHOLESTEROL (HDL-C) LEVELS

E. Triantafyllidi, S. Vlachos, D. Vlastos, D. Benas, I. Ikonomidis, A. Schoinas, J. Lekakis
Athens, GREECE

Meet-the-Expert

HOW TO SET-UP A HYPERTENSIVE CENTRE AND REGISTRIES

Experts: T. Kahan (Stockholm, SWEDEN)

F. Quarti Trevano (Milan, ITALY)



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Chairpersons: G. Grassi (Milan, ITALY), R. Kreutz (Berlin, GERMANY)

- 10.00 Welcome**
R. Kreutz (Berlin, GERMANY)
- 10.05 The burden of hyperkalaemia**
G. Grassi (Milan, ITALY)
- 10.15 Anti-hypertensive therapy and hyperkalaemia: clinical implications**
R.E. Schmieder (Erlangen, GERMANY)
- 10.30 Managing potassium to optimise hypertension treatment?**
M. Azizi (Paris, FRANCE)
- 10.45 Panel discussion**





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† Based on 2016 metrics calculated by HighWire Press and Wolters Kluwer.

‡ 2015 Journal Citation Reports® (Thomson Reuters, 2016).

§ Reflects the highest Altmetric score for a specific point in time, May–Oct 2016. Altmetric scores constantly

change as articles are mentioned and shared online. Source: Altmetric Explorer. Article: "Healthful Dietary Patterns and the Risk of Hypertension Among Women With a History of Gestational Diabetes Mellitus: A Prospective Cohort Study." *Hypertension*. 2016;67:1157–1165. DOI: 10.1161/HYPERTENSIONAHA.115.06747.



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Guidelines and initial treatment: time for a change?

Chairman:

B.Williams

Saturday 17 June 2017

09:30-10:30

Room: Red Hall 1

Hyperuricaemia: a cardio-renal matrix?

Chairmen:

G.Mancia - C.Borghì

Sunday 18 June 2017

10:00-11:00

Room: Red Hall 1

The Legend of Z

Chairmen:

C.Borghì - C. Tsioufis

Saturday, 17 June 2017

11:00-12:00

Room: Yellow Hall 1

Key journals in Cardiology



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161 — Sunday, June 18

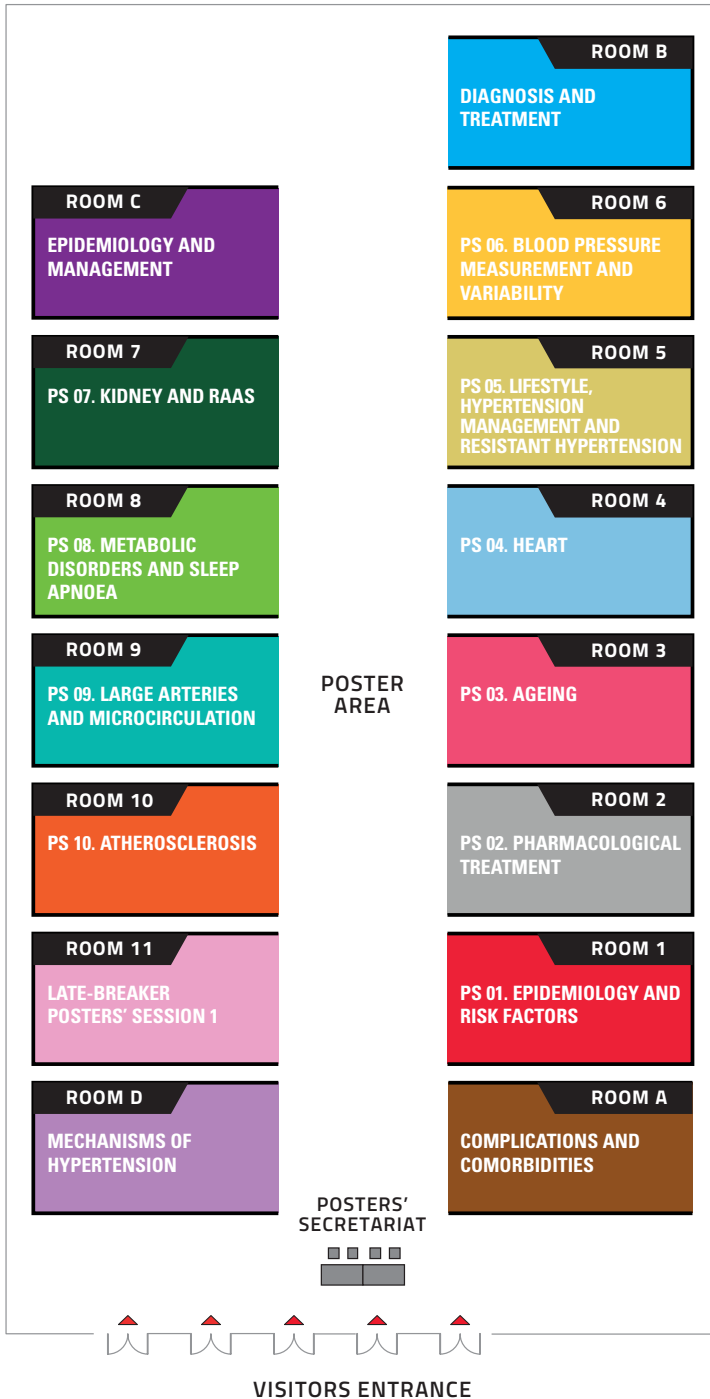
205 — Monday, June 19





POSTERS

Attended Poster Sessions



Attended Poster Sessions

PS 01. EPIDEMIOLOGY AND RISK FACTORS Chairpersons: J.-P. Empana, F. Martínez García	ROOM 1 POSTERS FROM 1 TO 38
PS 02. PHARMACOLOGICAL TREATMENT Chairpersons: M. Doulmas, A.H. van den Meiracker	ROOM 2 POSTERS FROM 1 TO 27
PS 03. AGEING Chairperson: M.L. Muiesan	ROOM 3 POSTERS FROM 1 TO 22
PS 04. HEART Chairpersons: T. Kuznetsova, D. Papadopoulos	ROOM 4 POSTERS FROM 1 TO 38
PS 05. LIFESTYLE, HYPERTENSION MANAGEMENT AND RESISTANT HYPERTENSION Chairpersons: F.E.M. Fadl Elmula, M.H. Olsen	ROOM 5 POSTERS FROM 1 TO 41
PS 06. BLOOD PRESSURE MEASUREMENT AND VARIABILITY Chairpersons: G. Bilo, A. Mihailidou	ROOM 6 POSTERS FROM 1 TO 32
PS 07. KIDNEY AND RAAS Chairpersons: A. Pechere-Bertschi, M. Pruijm	ROOM 7 POSTERS FROM 1 TO 36
PS 08. METABOLIC DISORDERS AND SLEEP APNOEA Chairpersons: V. Kotsis, TBD	ROOM 8 POSTERS FROM 1 TO 30
PS 09. LARGE ARTERIES AND MICROCIRCULATION Chairpersons: B. Spronck, TBD	ROOM 9 POSTERS FROM 1 TO 33
PS 10. ATHEROSCLEROSIS Chairpersons: A. Brady, A.F.G. Cicero	ROOM 10 POSTERS FROM 1 TO 21
LATE-BREAKER POSTERS' SESSION 1 Chairperson: A. Persu	ROOM 11 POSTERS FROM 1 TO 33

Oral Presentations in Poster Area

COMPLICATIONS AND COMORBIDITIES Chairpersons: G. Desideri, J.M. Halimi	ROOM A
DIAGNOSIS AND TREATMENT Chairpersons: E. Dolan, F. Veglio	ROOM B
EPIDEMIOLOGY AND MANAGEMENT Chairpersons: P.A. Modesti, C. Thomopoulos	ROOM C
MECHANISMS OF HYPERTENSION Chairpersons: J.K. Cruickshank, J. Menne	ROOM D

Posters' Session PS01

EPIDEMIOLOGY AND RISK FACTORS

Chairpersons: J.-P. Empana (*Paris, FRANCE*),
F. Martínez García (*Valencia, SPAIN*)

ROOM **1** POSTERS FROM **1** TO **38**

1 / 1 ANTIHYPERTENSIVE TREATMENT IN ROUTINE CLINICAL PRACTICE OF SPECIALIZED CARDIOLOGICAL CENTRE: SIX-YEAR TRENDS

N. Zvartau, A. Krikunov, A. Semakova, E. Bolgova, S. Kovalchuk, A. Boukhanovsky, A. Konradi
Saint-Petersburg, RUSSIA

1 / 2 METABOLICALLY HEALTHY OBESITY AS A PART OF THE CARDIOMETABOLIC CONTINUUM

Y. Zhernakova¹, M. Azimova¹, I. Trubacheva², V. Kaveshnikov², V. Serebryakova², A. Rogoza¹,
E. Oshchepkova¹, I. Chazova¹
¹ *Moscow*, ² *Tomsk, RUSSIA*

1 / 3 PREVALENCE OF RENAL DYSFUNCTION IN RUSSIAN POPULATION IN DEPENDENCE ON PRESENCE OF ARTERIAL HYPERTENSION AND OBESITY. BY THE DATA OF EPIDEMIOLOGICAL STUDY ESSE-RF

Y. Zhernakova¹, E. Oshchepkova¹, I. Chazova¹, S. Chalnova¹, S. Boytsov¹, O. Rotar²,
A. Konradi², E. Shlyakhto²
¹ *Moscow*, ² *Saint-Petersburg, RUSSIA*

1 / 4 HEALTHY HEART AFRICA IN KENYA: EVALUATION OF PROGRAM IMPACT ON HEALTHCARE PROVIDERS' KNOWLEDGE AND PROVISION OF CARE FOR HYPERTENSION

G. Yonga¹, J. Jimenez², F.O. Okello³, E. Macgregor-Skinner³, J. Herr³, E.N. Ogola¹
¹ *Nairobi, KENYA*, ² *Gaithersburg, 3 Bethesda, MD, USA*

1 / 5 URIC ACID AND OTHER METABOLIC PARAMETERS AS THE CARDIOVASCULAR RISK FACTORS IN PATIENTS WITH AND WITHOUT HYPERTENSION

A. Posadzy-Malaczynska, L. Woznicka-Leskiewicz
Poznan, POLAND

1 / 6 AMINO ACIDS KYNURENINE AND QUINOLINIC ACID AND TARGET ORGAN DAMAGE IN HYPERTENSIVE PATIENTS – NOVEL INSIGHTS FROM THE STYRIAN HYPERTENSION STUDY

N. Verheyen¹, M. Gaksch¹, A. Meinitzer¹, M. Gröbler², C. Trummer¹, V. Schwetz¹, M. Pandis¹,
K. Ablasser¹, E. Kolesnik¹, D. Von Lewinski¹, H. Brussee¹, W. März³, A. Tomaschitz¹, S. Pilz¹
¹ *Graz, AUSTRIA*, ² *Bern, SWITZERLAND*, ³ *Mannheim, GERMANY*

1 / 7 CARDIOVASCULAR RISK FACTORS IN URBAN VERSUS RURAL AREA OF ORIGIN IN THE EASTERN EUROPE HYPERTENSIVE PATIENTS

A. Varga, I. Tilea, C. Tatar, S. Morar, A.E. Bocicor
Targu Mures, ROMANIA

1 / 8 SINGLE-PILL VERSUS FREE ANTIHYPERTENSIVE COMBINATION USE BY GENERAL PRACTITIONERS IN BELGIUM AND LUXEMBOURG

M. Leeman¹, M. Dramaix¹, B. Van Nieuwenhuyse¹, J.R. Thomas²
¹ *Brussels*, ² *Merchtem, BELGIUM*

1 / 9 HEALTHY HEART AFRICA: A COORDINATED PROGRAM TO INCREASE AWARENESS, SCREENING AND TREATMENT OF HYPERTENSION IN KENYA THROUGH COLLABORATION WITH LOCAL HEALTHCARE SYSTEMS

A. Van Gelder ¹, J. Jimenez ¹, E.N. Ogola ², G. Yonga ²

¹ Gaithersburg, MD, USA, ² Nairobi, KENYA

1 / 10 PROGNOSTIC VALUE OF THE METABOLIC SYNDROME IN PATIENTS WITH HYPERTENSION

A. Alyavi, B. Alyavi, J. Uzokov

Tashkent, UZBEKISTAN

1 / 11 DEVELOPMENT OF HYPERTENSION OVER 10 YEARS DEPENDING ON BASELINE BLOOD PRESSURE CATEGORIES IN A SWEDISH POPULATION

K. Lundholm ¹, B. Daka ¹, M. Hellgren ¹, C.A. Larsson ², L. Rastam ², U. Lindblad ¹

¹ Gothenburg, ² Malmö, SWEDEN

1 / 12 ASSESSMENT OF THE ASSOCIATED CARDIOVASCULAR RISK FACTORS IN HYPERTENSIVE PATIENTS WITH TYPE 2 DIABETES

C. Tudorica, A. Vintila, S. Tudorica, V. Vintila, C. Bulei, A. Gurghean

Bucharest, ROMANIA

1 / 13 SERUM URIC ACID IS INDEPENDENTLY ASSOCIATED WITH DIASTOLIC DYSFUNCTION IN APPARENTLY HEALTHY SUBJECTS WITH ESSENTIAL HYPERTENSION

G. Georgiopoulos, C. Tsioufis, T. Kalos, N. Magkas, D. Roussos, G. Sarri, K. Syrmali,

P. Georgakopoulos, C. Chrysochoou, D. Tousoulis

Athens, GREECE

1 / 14 URIC ACID AS A PREDICTOR OF CORONARY ARTERY DISEASE BUT NOT STROKE IN ESSENTIAL HYPERTENSION: DATA FROM A GREEK 8-YEAR-FOLLOW-UP STUDY

K. Dimitriadis, C. Tsioufis, A. Kasiakogias, G. Georgiopoulos, T. Kalos, K. Kyriazopoulos,

G. Annousis, E. Andrikou, D. Tousoulis

Athens, GREECE

1 / 15 SYSTOLIC ARTERIAL HYPERTENSION IN UKRAINE: REALITIES OF CLINICAL PRACTICE BASED ON TRIAL SYSTEM

V. Tseluyko

Kharkiv, UKRAINE

1 / 16 ALARMINGLY HIGH PREVALENCE OF HYPERTENSION AND PRE-HYPERTENSION IN NORTH INDIA. RESULTS FROM A LARGE CROSS-SECTIONAL STEPS SURVEY

J. Tripathy ¹, J.S. Thakur ², G. Jeet ², S. Chawla ², S. Jain ²

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1 / 17 ADDING HYPERTENSION-RELATED MARKERS OF ORGAN DAMAGE TO RISK SCORE MODELS IMPROVES CARDIOVASCULAR RISK ASSESSMENT: RETROSPECTIVE ANALYSIS OF A LARGE COHORT OF ADULT OUTPATIENTS

G. Tocci ^{1,2}, I. Figliuzzi ¹, V. Presta ¹, G. Gallo ¹, V. Costanzi ¹, N. Attalla ¹, F. Simonelli ¹, B. Citoni ¹,

A. Battistoni ¹, A. Ferrucci ¹, M. Volpe ^{1,2}

¹ Rome, ² Pozzilli, ITALY

1 / 18 ARE WE LOOKING IN THE RIGHT DIRECTION FOR BLOOD PRESSURE CONTROL?

I. Tilea, A. Varga, S. Morar, C. Tatar, A.E. Bocicor

*Targu Mures, ROMANIA***1 / 19 PREDICTORS OF CARDIOVASCULAR EVENTS IN HYPERTENSIVE PATIENTS WITH HIGH CARDIOVASCULAR RISK**I. Tasic¹, S. Kostic², D. Bastac³, D. Djordjevic¹, M. Rihter², M. Lovic², D. Lovic¹, D. Mijalkovic¹¹ Niš, ² Niska Banja, ³ Zajecar, SERBIA**1 / 20 D TYPE-GENDER DIFFERENCES IN PSYCHOLOGICAL AND BIOLOGICAL RISK FACTORS IN PATIENTS WITH HYPERTENSION**G. Nikolic¹, I. Tasic^{1,2}, O. Zikic¹¹ Niš, ² Niska Banja, SERBIA**1 / 21 HYPERTENSION PREVALENCE, AWARENESS, TREATMENT AND CONTROL IN AMBULATORY TREATMENT-NAÏVE HIV INFECTED PATIENTS IN LILONGWE, MALAWI**H. Steffen¹, S. Phiri², T. Heller², T. Chaweza², M. Demir¹, H. Tweya², G. Fätkenheuer¹, F. Neuhann³¹ Cologne, GERMANY, ² Lilongwe, MALAWI, ³ Heidelberg, GERMANY**1 / 22 PREDICTORS OF ACUTE CORONARY SYNDROME IN HYPERTENSIVE PEOPLE WITH CONCOMITANT DIABETES MELLITUS OF TYPE 2 IN UKRAINIAN NORTHERN BUCOVINA**

E. Shorikov, D. Shorikova

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*Chiba, JAPAN***1 / 24 THE ANTIHYPERTENSIVE THERAPY EFFICIENCY AMONG OUTPATIENTS IN MOSCOW**

V. Ostapenko, O. Tkacheva, N. Runikhina, Y. Kotovskaya, N. Sharashkina

*Moscow, RUSSIA***1 / 25 AORTIC PULSE WAVE VELOCITY AND SOLUBLE RAGES IN ADULT ASYMPTOMATIC OFFSPRING OF PATIENTS WITH PREMATURE ISCHEMIC HEART DISEASE**

J. Seidlerová, P. Karnosová, M. Hronová, J. Filipovský

*Pilsen, CZECH REPUBLIC***1 / 26 PROTOCOL OF THE SWISS LONGITUDINAL COHORT STUDY (SWICOS) IN RURAL SWITZERLAND**A. Schoenenberger¹, F. Muggli², P. Suter³, A. Gallino⁴, G. Parati⁵, G. Ehret⁶, R. Schoenenberger-Berzins¹, T. Resink⁷, P. Erne⁷¹ Bern, ² Vezia, ³ Zürich, ⁴ Bellinzona, SWITZERLAND, ⁵ Milan, ITALY, ⁶ Geneva,⁷ Basel, SWITZERLAND**1 / 27 DYSLIPIDEMIA IN HYPERTENSIVE PATIENTS UNDERGOING 24-HOURS AMBULATORY BLOOD PRESSURE MONITORING: BAD COMPANIONS TOO OFTEN ASSOCIATED**

G. Cocci, F. Spannella, F. Giuliotti, P. Baliotti, L. Landi, A. Cenci, G. Rosettani, R. Sarzani

Ancona, ITALY

1 / 28 **CARDIOVASCULAR RISK FACTORS AND SUBCLINICAL ATHEROSCLEROSIS IN PATIENTS WITH NONALCOHOLIC FATTY LIVER DISEASE**

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Valencia, SPAIN

1 / 29 **MICROALBUMINURIA, A GOOD MARKER OF ISCHEMIA IN WOMEN TYPE 2 DIABETES**

G. Sadoudi-Yaker, S. Latreche, S. Benkhedda
Algiers, ALGERIA

1 / 30 **THE HYPERTENSIVE POPULATION IN THE INTERNAL MEDICINE WARD**

J. Rodrigues, A. Ferreira Simões, M. Freixa, S. Úria, G. Silva
Lisbon, PORTUGAL

1 / 31 **THE EVOLUTION OF HYPERTENSIVE POPULATION IN THE INTERNAL MEDICINE WARD**

J. Rodrigues, A. Ferreira Simões, M. Freixa, S. Úria, G. Silva
Lisbon, PORTUGAL

1 / 32 **HYPERTENSION INCIDENCE AND MORTALITY IN HIV-INFECTED ADULTS IN HAITI: A STUDY WITH 10 YEARS OF FOLLOW-UP**

P. Robert¹, A. Batavia¹, M. Lee¹, D. Fitzgerald^{1,2}
¹ New York, NY, USA, ² Port au Prince, HAITI

1 / 33 **RISK FACTORS OF ARTERIAL STIFFNESS MEASURED BY CARDIO-ANKLE VASCULAR INDEX IN PATIENTS WITH MILDLY DECREASED GLOMERULAR FILTRATION RATE**

A. Gincaite, L. Rimsevicius, L. Ryliskyte, J. Badariene, A. Laucevicus, M. Miglinas
Vilnius, LITHUANIA

1 / 34 **PREVALENCE OF CARDIOVASCULAR RISK FACTORS IN AN ACTIVE POPULATION OF NORTH ALENTEJO**

A. Ribeiro¹, G. Urban²
¹ Badajoz, SPAIN, ² Santiago do Cacém, PORTUGAL

1 / 35 **ROLE OF SYSTOLIC ARTERIAL PRESSURE AS PREDICTOR OF ADVERSE OUTCOME IN PATIENTS PRESENTING WITH MAJOR BLEEDING TO THE EMERGENCY DEPARTMENT. AD-INTERIM RESULTS OF A MULTICENTER POPULATION BASED STUDY**

S. Bianchi², N. Renzi¹, D. Molesti¹, S. Vanni², M. Pastorelli³, A. Cipriano⁴, M. Santini⁴, U. Beerman³, F. Frosini⁵, F. Mecca⁶, P.R. Di Corato⁷, V. Procacci⁷, P. Chiaradia⁸, L. Spisni⁸, A. Conti¹
¹ Massa Carrara, ² Florence, ³ Siena, ⁴ Pisa, ⁵ Lucca, ⁶ Turin, ⁷ Foggia, ⁸ Pontedera, ITALY

1 / 36 **A STUDY OF EPIDEMIOLOGY OF HYPERTENSION IN DIFFERENT ETHNIC GROUPS AND REGIONS IN XINJIANG**

Y. Ren, D.L. Zhang, L. Zhou, N. Li
Xinjiang Uygur Autonomous Region, CHINA

1 / 37 **ARTERIAL HYPERTENSION: URIC ACID AND CARDIOVASCULAR RISK**

A.J. Ramirez
Buenos Aires, ARGENTINA

1 / 38 BETTER MONITORING OF LONG-TERM HYPERTENSION RISK AND POTENTIAL PREDICTORS IN INITIALLY HEALTHY MIDLIFE ADULTS: A POPULATION-BASED COHORT STUDY

K. Chau, N. Girerd, F. Zannad, P. Rossignol, J.M. Boivin
Vandoeuvre-les-Nancy, FRANCE

Posters' Session PS02**PHARMACOLOGICAL TREATMENT**

Chairpersons: M. Doumas (*Thessaloniki, GREECE*), ROOM **2** POSTERS FROM **1** TO **27**
A.H. van den Meiracker (*Rotterdam, THE NETHERLANDS*)

2 / 1 SIX-YEAR TRENDS IN ANTYHYPERTENSIVE MONOTHERAPY AND BLOOD PRESSURE CONTROL IN PATIENTS REFERRED TO SPECIALIZED CARDIOLOGICAL CENTRE

N. Zvartau, A. Krikunov, A. Semakova, E. Bolgova, S. Kovalchuk, A. Boukhanovsky, A. Konradi
Saint-Petersburg, RUSSIA

2 / 2 PERIVASCULAR TISSUE DERIVED PDGF SIGNALING WAS IMPORTANT IN AORTIC ANEURYSM FORMATION IN ANGIOTENSIN II INFUSED OBESE MICE

Z. Zhang, R. Ruan, C. Chen, M. Ma, K. Kong, P. Pan, G. Gao
Shanghai, CHINA

2 / 3 EFFICACY AND TOLERABILITY OF NIFEDIPINE GASTROINTESTINAL THERAPEUTIC SYTEM 60MG IN CHINESE PATIENTS WITH UNCONTROLLED HYPERTENSION

Y. Zhang¹, L. Liu¹, F. Lu², Y. Zhao², Y. Wu³, L. Chen⁴, Y. Sun⁵, W. Yao⁵, P. Gao⁷, S. Chen⁷, X. Ji², J. Mu⁶, S. Li¹

¹ Beijing, ² Jinan, ³ Tangshan, ⁴ Fuzhou, ⁵ Tianjin, ⁶ Xian, ⁷ Shanghai, CHINA

2 / 4 TRANSCRIPTIONAL INTERFERENCE OF ACROLEIN AND THEIR MODULATION BY PPAR GAMMA LIGAND, ROSIGLITAZONE

Z. Yousefipour¹, S. Haydari¹, K. Ranganna¹, M.A. Newaz²

¹ Houston, TX, ² Chicago, IL, USA

2 / 5 EFFECTS OF XANTHINE OXIDASE INHIBITORS ON BLOOD PRESSURE, BAPWV, CAROTID ARTERIAL IMT AND ELASTIC MODULUS IN HYPERTENSIVE PATIENTS WITH HYPERURICEMIA

T. Yamagishi, H. Kanai
Sendai, JAPAN

2 / 6 BEETROOT JUICE LOWERS CENTRAL SYSTOLIC BLOOD PRESSURE - A DOUBLE-BLIND CROSSOVER PLACEBO CONTROLLED PILOT TRIAL

T. Weber¹, G. Waldenberger¹, B. Hametner², S. Wassertheurer², G. Lirk³, O. Hoeglinger¹

¹ Wels, ² Vienna, ³ Hagenberg, AUSTRIA

2 / 7 SIMPLIFICATION OF ANTIHYPERTENSIVE THERAPY IMPROVES BLOOD PRESSURE CONTROL IN RESISTANT ARTERIAL HYPERTENSION

J. Vaclavik¹, J. Flasik¹, J. Jarkovsky², K. Benesova², E. Kocianova¹, M. Kamasova¹, T. Vaclavik³

¹ Olomouc, ² Brno, ³ Prague, CZECH REPUBLIC

2 / 8 INFILTRATION OF THE SPHENOPALATINE GANGLION DECREASES BLOOD PRESSURE IN NEWLY DIAGNOSED AND NEVER TREATED PATIENTS WITH ESSENTIAL HYPERTENSION

E. Triantafyllidi, C. Arvaniti, L. Palaiodimos, S. Vlachos, A. Schoinas, D. Benas, I. Ikonomidis, C. Batistaki, G. Kostopanagiotou, J. Lekakis
Athens, GREECE

2 / 9 THE ARTERIAL STIFFNESS DYNAMICS UNDER THE EFFECT OF ROSUVASTATIN ADDED TO FIXED COMBINATION OF LISINAPRILE AND HYDROCHLOROTHIAZIDE

A. Torunova¹, K. Protasov¹, O. Fedorishina¹, V. Pervuhina¹, I. Denisova²
¹ Irkutsk, ² Angarsk, RUSSIA

2 / 10 EFFECT OF DIFFERENT TYPES OF COMBINED THERAPY ON CENTRAL BP AND ARTERIAL STIFFNESS IN PATIENTS WITH MODERATE TO SEVERE AH: RESULTS OF A PROSPECTIVE RANDOMIZED OPEN LABEL TRIAL

O. Torbas, Y. Sirenko, G. Radchenko
Kiev, UKRAINE

2 / 11 A DISINTEGRIN AND METALLOPROTEINASE WITH THROMBOSPONDIN TYPE 1 MOTIF (ADAMTS1) CAUSES RENAL FIBROSIS IN DEOXYCORTICOSTERONE ACETATE-SALT HYPERTENSIVE RATS

H. Toba, T. Suzuki, A. Yoshikawa, T. Noutomi, Y. Mino, S. Ishikawa, N. Toda, K. Sugino, N. Nessa, Y. Watanabe, M. Kobara, T. Nakata
Kyoto, JAPAN

2 / 12 EFFECT OF COMBINED THERAPY WITH TELMISARTAN AND LERCANIDIPINE ON LEFT VENTRICULAR HYPERTROPHY IN ELDERLY PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSION

E. Ter-Stepanyants, A. Naghdalyan, L. Aleksanyan, A. Ordyan, T. Bayramyan
Yerevan, ARMENIA

2 / 13 EFFECT OF COMBINATION DRUG (ARB IRBESARTAN 100MG PULAS CA-ANTAGONIST AMLODIPINE 5MG OR 10MG) ON HYPERTENSIVE PATIENTS

K. Takeda, J. Moriguchi, Y. Miyazaki, K. Nakamura, T. Yagi, S. Okuda
Kyoto, JAPAN

2 / 14 ANTIHYPERTENSIVE EFFECT OF LOSARTAN. ONE-YEAR FOLLOW-UP STUDY

V. Stojanov, N. Radivojevic, B. Jakovljevic
Belgrade, SERBIA

2 / 15 EFFICIENCY OF BISOPROLOL IN THE TREATMENT OF STAGE I HYPERTENSION. "BIPREZ" STUDY

V. Stojanov, N. Radivojevic, K. Paunovic, B. Jakovljevic
Belgrade, SERBIA

2 / 16 TWO-YEAR FOLLOW-UP OF MEN WITH ARTERIAL HYPERTENSION TREATED WITH LISINAPRIL AND HYDROCHLOROTHIAZIDE

V. Stojanov, N. Radivojevic, K. Paunovic, B. Jakovljevic
Belgrade, SERBIA

2 / 17 SUCCESSFUL COMPLETION OF A PHASE I, RANDOMIZED, DOUBLE-BLIND, PLACEBO CONTROLLED, SINGLE ASCENDING DOSE TRIAL FOR THE FIRST IN CLASS ANGIOTENSIN AT2-RECEPTOR AGONIST COMPOUND 21

U. Steckelings¹, L. Lindblad², A. Leisvuori³, Z. Lovro³, P. Vainio³, J. Graens², B. Dahlof², P. Jansson², T. Unger⁴, A. Wiksten⁵, P. Korhonen⁵, M. Scheinin³

¹ Odense, DENMARK, ² Gothenburg, SWEDEN, ³ Turku, FINLAND,

⁴ Maastricht, THE NETHERLANDS, ⁵ Espoo, FINLAND

2 / 18 AZILSARTAN MEDOXOMIL DECREASES 24-H CENTRAL BP AND ARTERIAL STIFFNESS IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

E. Starostina, E. Troitskaya, V. Kulakov, S. Villevalde, Z. Kobalava

Moscow, RUSSIA

2 / 19 ROLE OF CARBON MONOXIDE IN PURINERGIC REGULATION OF VASCULAR SMOOTH MUSCLE CELLS CONTRACTILE ACTIVITY

L. Smaglyi, J. Yartseva, V. Rydchenko, J. Birulina, I. Kovalev, S. Gusakova

Tomsk, RUSSIA

2 / 20 L-ARGININE ASPARTATE IN ENDOTHELIAL DYSFUNCTION, INSULIN RESISTANCE, ADIPONECTIN LEVEL CORRECTION IN HYPERTENSIVE FEMALES WITH RHEUMATOID ARTHRITIS

O. Sirenko, O. Kuryata

Dnipro, UKRAINE

2 / 21 VASCULAR CALCIFICATION AND CELLULAR SENEESCENCE OF SMOOTH MUSCLE CELLS IS INDUCED BY DOXORUBICIN

J. Herrmann, M. Tölle, W. Zidek, M. van der Giet, M. Schuchardt

Berlin, GERMANY

2 / 22 ASSESSMENT OF SUITABLE ANTIHYPERTENSIVE THERAPIES: COMBINATION WITH HIGH DOSE AMLODIPINE/IRBESARTAN VS. TRIPLE COMBINATION WITH AMLODIPINE/IRBESARTAN/INDAPAMIDE (ASAHI AI STUDY)

N. Sato, N. Nakagawa, Y. Saijo, N. Hasebe, Ashi Ai Investigators

Asahikawa, JAPAN

2 / 23 NATURAL ANTIOXIDANT ICE-CREAM ACUTELY REDUCES BLOOD PRESSURE AND IMPROVES VASCULAR FUNCTION IN PATIENTS WITH METABOLIC SYNDROME

V. Sanguigni, F. Francomano, R. Sorge, L. Gnessi

Rome, ITALY

2 / 24 TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION (TENS) IN PERIPHERAL POLYNEUROPATHY IN DIABETES MELLITUS, CHRONIC KIDNEY DISEASE AND PRIMARY HYPERTENSION

Y. Saglikler¹, B. Kelle¹, I. Gokcay¹, H.S. Saglikler², N. Paylar¹, P. Saglikler Ozkaynak¹

¹ Adana, ² Konya, TURKEY

2 / 25 TREATMENTS OF RESISTANT PERIPHERIC POLYNEUROPATHIES WITH DIABETES MELLITUS, CHRONIC KIDNEY DISEASE PRIMARY HYPERTENSION HIGH TONE ELECTRICAL MUSCLE STIMULATION-HTEMS

Y. Saglikler¹, N. Paylar¹, H. Sabit Saglikler², P. Saglikler Ozkaynak¹, A. Heidland³, A. Keck³, C.I. Saglikler¹

¹ Adana, ² Konya, TURKEY, ³ Würzburg, GERMANY

2 / 26 HYDROGEN SULFIDE ROLE IN PURINERGIC RECEPTOR AGONIST EFFECTS ON THE CONTRACTILE ACTIVITY OF RAT AORTA SMOOTH MUSCLE CELLS

V. Rydchenko, S. Guskova, L. Smagliy, A. Nosarev, I. Kovalev, J. Birulina
Tomsk, RUSSIA

2 / 27 CIRCADIAN REGULATORY GENES PER2 AND BMAL1 EXPRESSION CHANGES IN COMBINATION CHRONOTHERAPY OF HYPERTENSION IN RATS

M. Radik, P. Potucek, G. Doka, E. Kralova, P. Krenek, J. Klimas
Bratislava, SLOVAK REPUBLIC

Posters' Session PS03

AGEING

Chairperson: M.L. Muesan (*Brescia, ITALY*)

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3 / 1 BLOOD PRESSURE AND 5-YEARS SURVIVAL OF THE VERY ELDERLY TREATED HYPERTENSIVE PATIENTS

O. Tkacheva, Y. Kotovskaya, N. Runikhina, N. Vorobyeva
Moscow, RUSSIA

3 / 2 CARDIOVASCULAR RISK FACTORS AND DISEASES IN CENTENARIANS: PRELIMINARY RESULTS OF THE MOSCOW CENTENARIAN STUDY

O. Tkacheva, Y. Kotovskaya, N. Runikhina, N. Sharashkina, V. Ostapenko, D. Kashtanova, Y. Onuchina, I. Voronina, E. Plokhova, E. Churakova, V. Pykhtina, S. Lysenkov
Moscow, RUSSIA

3 / 3 ARTERIAL HYPERTENSION PREVALENCE AND BLOOD PRESSURE LEVELS IN CENTENARIANS: PRELIMINARY RESULTS OF THE MOSCOW CENTENARIAN STUDY

O. Tkacheva, Y. Kotovskaya, N. Runikhina, N. Sharashkina, V. Ostapenko, D. Kashtanova, Y. Onuchina, I. Voronina, E. Plokhova, E. Churakova, V. Pykhtina, S. Lysenkov
Moscow, RUSSIA

3 / 4 VICTORIA STUDY: SCREENING FOR EARLY VASCULAR AGEING BY ARTERIAL STIFFNESS AND CENTRAL HEMODYNAMICS PARAMETERS IN PHYSICIANS

E. Shavarova, E. Kazahmedov, A. Orlov, Z. Kobalava
Moscow, RUSSIA

3 / 5 ANTIHYPERTENSIVE THERAPY AMONG ELDERLY OUTPATIENTS IN MOSCOW

V. Ostapenko, O. Tkacheva, N. Runikhina, Y. Kotovskaya, N. Sharashkina

Moscow, RUSSIA

3 / 6 GLYCEMIC STATUS IN NON DIABETIC ELDERLY PATIENTS HOSPITALIZED WITH ARTERIAL HYPERTENSION

L. Popescu, H. Balan
Bucharest, ROMANIA

3 / 7 INFLUENCE OF ANAESTHESIA ON THE CYTOKINE'S LEVEL IN ELDERLY WITH CONCOMITANT CARDIOVASCULAR DISEASES

Y. Ploshchenko, O. Klygunenko
Dnipro, UKRAINE

3 / 8 THE HAEMODYNAMIC MECHANISM OF THE AGE-RELATED INCREASE IN PULSE PRESSURE IN WOMEN

Y. Li, B. Jiang, L. Keehn, M. Cecelja, T. Spector, P. Chowienczyk
London, UNITED KINGDOM

3 / 9 VASCULAR AGE IN HYPERTENSIVE PATIENTS

O. Ostroumova, A. Kochetkov
Moscow, RUSSIA

3 / 10 MORTALITY RISK AMONG DISABLED ELDERLY RESIDENTS OF LONG TERM CARE FACILITIES DURING ONE YEAR FOLLOW-UP

B. Gryglewska, A. Kantoch, J. Wojkowska-Mach, P. Heczko, T. Grodzicki
Kraków, POLAND

3 / 11 INFLUENCE OF AGE ON THE RELATIONSHIP OF RENAL FUNCTION IMPAIRMENT WITH SYSTEMIC VASCULAR DAMAGE IN HYPERTENSION

G. Geraci, G. Mulè, M. Zammuto, M. Mogavero, C. Geraci, S. Cottone
Palermo, ITALY

3 / 12 SIGNIFICANT INTER-ARM DIFFERENCE IN BLOOD PRESSURE IS ASSOCIATED WITH INCREASED ARTERIAL STIFFNESS AND ABDOMINAL OBESITY IN VERY ELDERLY HYPERTENSIVES

N. Ezhova, Y. Kotovskaya, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

3 / 13 HEART RATE VARIABILITY IN ELDERLY HYPERTENSIVE PATIENTS UNDERGOING CORONARY STENTING ON THE BACKGROUND OF ACUTE CORONARY SYNDROME

O. Esina, S. Esin, V. Nosov, L. Koroleva, E. Tarlovskaya
Nizhny Novgorod, RUSSIA

3 / 14 PROGNOSTIC SIGNIFICANCE OF CLINIC AND AMBULATORY BP LEVELS IN SUBJECTS 80 YEARS OR MORE

K. Eguchi, Y. Imaizumi, S. Hoshide, K. Kario
Shimotsuke, JAPAN

3 / 15 AGE RELATED CHRONIC KIDNEY DISEASE PREDISPOSE OCTOGENARIANS TO HYPERTENSION AND ATHEROSCLEROSIS

G. Dimas, T. Toumpoulas, T. Tegos, I. Karamouzis, S. Dimopoulou, A. Mavromanoli, M. Apostolopoulou, C. Savvopoulos, A. Hatzitolios
Thessaloniki, GREECE

3 / 16 BLOOD PRESSURE VARIABILITY IN ELDERLY SUBJECTS WITH HYPOVITAMINOSIS AND HYPERPARATHYROIDISM

F. D'Amico
Messina, ITALY

3 / 17 HYPERTENSION AND COGNITIVE FUNCTION IN THE ELDERLY: PRELIMINARY RESULTS OF A SCREENING STUDY

M. Bulgaresi, L. Menozzi, G. Rivasi, F. Sgrilli, A. Giordano, E. Latini, L. Martella, E. Mossello, A. Ungar, N. Marchionni
Lastra a Signa, ITALY

3 / 18 AN UNUSUAL CASE OF CIRCADIAN HYPERTENSION ASSOCIATED WITH POLYDIPSIA

J. Bohlender¹, J. Nussberger²
¹ Bern, ² Lausanne, SWITZERLAND

3 / 19 PROFILE AND ASSESSMENT OF THE NEW ORAL ANTICOAGULANTS IN THE MOST AGED- PANORAMA

J. Alvarez Gregori¹, C. Gomez Garcia², M. Alvarez ù¹, D. Tello Mendiola³
¹ Talavera de la Reina, ² Avila, ³ Alcázar De San Juan, SPAIN

3 / 20 MYOCARDIAL DEFORMATION AND ARTERIAL STIFFNESS IN HYPERTENSIVE MEN WITH ANDROGEN DEFICIENCY

O. Nasonenko
Zaporizhzhia, UKRAINE

3 / 21 TELOMERE LENGTH AND ATHEROSCLEROTIC CARDIOVASCULAR DISEASE: THE BLOOD AND MUSCLE MODEL

A. Benetos¹, S. Verhulst², S. Gautier¹, C. Labat¹, S. Toupance¹, M. Kimura³, P.M. Rossi⁴, N. Settembre¹, J. Hubert¹, L. Frimat¹, B. Bertrand⁴, M. Boufi⁴, X. Flecher⁴, N. Sadoul¹, P. Eschwege¹, M. Kessler¹, J. Kark⁵, S. Malikov¹, A. Aviv³
¹ Nancy, FRANCE, ² Groningen, THE NETHERLANDS, ³ Newark, NJ, USA, ⁴ Marseille, FRANCE, ⁵ Jerusalem, ISRAEL

3 / 22 REFLECTED WAVES ARE RELATED TO AORTA LENGTH MEASURED BY MRI IN ELDERLY

L. Joly¹, P. Salvi², C. Labat¹, D. Mandry¹, E. Micard¹, M. Beaumont¹, P. Marie¹, A. Benetos¹
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Posters' Session PS04

HEART

Chairpersons: T. Kuznetsova (*Leuven, BELGIUM*),
 D. Papadopoulos (*Athens, GREECE*)

ROOM **4** POSTERS FROM **1** TO **38**

4 / 1 LEFT ATRIUM FUNCTION IN SYSTEMIC ARTERIAL HYPERTENSION

N. Zlatareva-Gronkova, A. Cherneva, G. Dobrev, I. Petrov
Sofia, BULGARIA

4 / 2 STROKE RISK PREVENTION IN HYPERTENSIVE WOMEN WITH ATRIAL FIBRILLATION

R. Zivkovic, M. Zdravkovic, L.J. Suric-Lambic
Belgrade, SERBIA

4 / 3 THE DYNAMICS OF LEFT VENTRICULAR PARAMETERS AND BRAIN NATRIURETIC PEPTIDE LEVELS IN PATIENTS WITH MYOCARDIAL INFARCTION AND PRECEDING ARTERIAL HYPERTENSION

L. Zhuravlyova, M. Filonenko
Kharkiv, UKRAINE

4 / 4 FIBROMUSCULAR DYSPLASIA OF CORONARY AND RENAL VESSELS AS THE CAUSE OF SECONDARY HYPERTENSION AND ACUTE CORONARY SYNDROME IN WOMEN WITH INTACT TORTUOUS CORONARY ARTERIES

L. Zhuravlyova, N. Lopina
Kharkiv, UKRAINE

4 / 5 COMPATIBILITY OF LEFT VENTRICULAR HYPERTROPHY DIAGNOSED BY ELECTROCARDIOGRAPHY AND BY ECHOCARDIOGRAPHY: THE NORTHERN SHANGHAI STUDY

Y. Zhou, S. Yu, B. Bai, Y. Lv, J. Xiong, J. Teliewubai, H. Ji, X. Fan, C. Chi, Y. Xu, Y. Zhang
Shanghai, CHINA

4 / 6 LEFT VENTRICULAR-ARTERIAL UNCOUPLING INDEPENDENTLY PREDICTS ADVERSE CARDIAC REMODELING IN PATIENTS WITH MYOCARDIAL INFARCTION

E. Zharikova, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

4 / 7 NOVEL PROTECTIVE ROLES OF CARDIAC NEURONAL NITRIC OXIDE SYNTHASE IN HYPERTENSION

Y. Zhang, J.H. Jang
¹ *Seoul, SOUTH KOREA*, ² *Manchester, UNITED KINGDOM*

4 / 8 IMPACT OF ARTERIAL HYPERTENSION ON CLINICAL DEVELOPMENT OF AORTIC STENOSIS

A. Zhadan, V. Tseluyko
Kharkiv, UKRAINE

4 / 9 THE INFLUENCE OF DEPRESSION ON LEFT VENTRICULAR HYPERTROPHY IN PATIENTS WITH MILD TO MODERATE ARTERIAL HYPERTENSION

A. Melqonyan, P. Zelveian
Yerevan, ARMENIA

4 / 10 POOR CONTROL OF HYPERTENSION IN CORONARY PATIENTS

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4 / 11 THE EFFECT OF AZILSARTAN ON THE LEVELS OF CYTOKINES IN HYPERTENSIVE PATIENTS BY CHRONIC HEART FAILURE ISCHEMIC AETHIOLOGY

K. Zahidova, F. Guliyev
Baku, AZERBAIJAN

4 / 12 CALCIUM ANTAGONISTS, DIGOXIN, CALCAEMIA AND ANAEMIA IN HEART FAILURE

S. Yildiz, D. Dikerdem, A.R. Benli, P. Kalem
¹ *Istanbul*, ¹ *Karabuk*, ³ *Kirsehir, TURKEY*

4 / 13 CALCIUM CT SCAN IN HYPERTENSIVE PATIENTS

A. Vintila, C. Tudorica, C. Bulei, V. Vintila
Bucharest, ROMANIA

4 / 14 ATRIAL FIBRILLATION IN A COHORT OF HYPERTENSIVE PATIENTS WITH HYPOTHYROIDISM

A. Vintila, M. Dobrovie, D. Vasiliu, C. Tudorica, C. Bulei, V. Vintila
Bucharest, ROMANIA

4 / 15 EFFECTS OF CHANGES IN MYOCARDIAL PRELOAD ON MEASURES OF WAVE REFLECTION AND CENTRAL PRESSURE AUGMENTATION

L. Van De Velde, D.W. Eeftinck Schattenkerk, P.A.H.T. Venema, H.J. Best, B. Van Den Boogaard, W.J. Stok, B.E. Westerhof, B.J.H. Van Den Born
Amsterdam, THE NETHERLANDS

4 / 16 ARTERIAL STIFFNESS, VENTRICLE-ARTERIAL COUPLING AND LV FUNCTION IN PATIENTS WITH MODERATE TO SEVERE AH

O. Torbas, Y. Sirenko, G. Radchenko, O. Rekovets, V. Granich, S. Kushnir, A. Dobrokhod, P. Sidorenko, S. Polischuk
Kiev, UKRAINE

4 / 17 ADDITIONAL FACTORS THAT MAY HELP IN LV DIASTOLIC FUNCTION ASSESSMENT

O. Torbas, Y. Sirenko, G. Radchenko, O. Rekovets, V. Granich, S. Kushnir, A. Dobrokhod, P. Sidorenko, S. Polischuk
Kiev, UKRAINE

4 / 18 COMPARISON AMONG DIFFERENT ELECTROCARDIOGRAPHIC CRITERIA FOR LEFT VENTRICULAR HYPERTROPHY: RETROSPECTIVE ANALYSIS OF A LARGE COHORT OF ADULT OUTPATIENTS WITH HYPERTENSION

G. Tocci^{1,2}, V. Costanzi¹, G. Gallo¹, F. Simonelli¹, N. Attalla¹, I. Figliuzzi¹, V. Presta¹, B. Citoni¹, A. Battistoni¹, A. Ferrucci¹, M. Volpe^{1,2}
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4 / 19 LEFT ATRIUM VOLUME INDEX AND RISK PROFILE IN HYPERTENSIVE PATIENTS WITH ACUTE MYOCARDIAL INFARCTION

D. Toader, M. Popescu, A. Oprian, R. Musetescu
Craiova, ROMANIA

4 / 20 HEMODYNAMIC PROFILE IN CONTROLLED AND UNCONTROLLED HYPERTENSIVE PATIENTS. INSIGHTS FROM THE SEPHAR III STUDY

O. Tautu¹, R. Darabont¹, D. Dimulescu¹, C. Sinescu¹, C. Arsenescu-Georgescu², D. Lighezan³, P. Gusbeth-Tatomir⁴, K. Babes⁵, I. Branza⁶, M. Udrescu¹, L. Radulescu¹, C. Acatrinei¹, M. Dorobantu¹
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4 / 21 HIGHER RISK FOR STROKE AS THE SYSTEMIC HYPERTENSION IS MORE SEVERE IN PATIENTS WITH ATRIAL FIBRILLATION?

M. Tatar, A. Varga, S. Morar, O. Totos, S. Voidazan, I. Tilea
Targu Mures, ROMANIA

4 / 22 IMPACT OF CARDIOPULMONARY EXERCISE TEST IN PULMONARY ARTERIAL HYPERTENSION PATIENTS RISK STRATIFICATION

L. Taran, Z. Valieva, T. Martynyk, I. Chazova
Moscow, RUSSIA

4 / 23 A DIASTOLIC DYSFUNCTION SCORING SYSTEM (DSS) FOR DETECTING LEFT VENTRICULAR DIASTOLIC DYSFUNCTION IN HYPERTENSIVE PATIENTS

D. Syamsul, N. Hersunarti, L. Dina Liastuti, I. Irnizarifka, R. Soerarso, B. Budi Siswanto
Jakarta, INDONESIA

4 / 24 THE IMPACT OF HYPERTENSION ON QT DISPERSION AND ECHOCARDIOGRAPHIC PARAMETERS IN PATIENTS WITH ANGINA PECTORIS

V. Stoickov, M. Deljanin Ilic, M. Stoickov, I. Tasic, M. Nikolic, S. Mitic
Niš, SERBIA

4 / 25 INCIDENCE AND PREDICTORS OF COMBINED CARDIOHEPATIC AND CARDIORENAL SYNDROMES IN DECOMPENSATED HEART FAILURE

A. Soloveva, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

4 / 26 IN-HOSPITAL OUTCOME PREDICTIONS FOR ACUTE CORONARY SYNDROME PATIENTS AFTER CORONARY ANGIOPLASTY BY MINING ECHOCARDIOGRAPHY PARAMETERS DATA

M. Sladojevic¹, S. Sladojevic², S. Tadic¹, M. Stefanovic¹
¹ Sremeska Kamenica, ² Novi Sad, SERBIA

4 / 27 SERUM URIC ACID LEVEL COULD BE A PREDICTOR OF ATRIAL FIBRILLATION IN WOMEN BUT NOT IN MEN WITH METABOLIC SYNDROME

R. Siliste, C. Homentcovschi, D. Vasiliu, I. Savulescu-Fiedler, D. Spataru, R. Ianula, A. Gurghean
Bucharest, ROMANIA

4 / 28 PEAK DP/DT IN DESCENDING AORTA IS DECREASED IN PATIENTS AFTER AORTIC ARCH REPAIR

M. Shiraishi¹, T. Murakami¹, A. Takeda²
¹ Chiba, ² Sapporo, JAPAN

4 / 29 GENDER DIFFERENCES IN PREDISPOSING FACTORS OF IN STENT RESTENOSIS FOLLOWING PRIMARY PERCUTANEOUS CORONARY INTERVENTION

N. Sharashidze, B. Tsinamdzgvrishvili, G. Saatashvili, N. Mamamtavrishvili, R. Abashidze, D. Trapaidze, A. Kordzadze, N. Chanturidze, Z. Gachava
Tbilisi, GEORGIA

4 / 30 PRESERVED CARDIOVASCULAR PERFORMANCE AND OPTIMAL HEART RATE CONTROL IN PATIENTS WITH POST-ISCHEMIC LEFT VENTRICULAR DYSFUNCTION TREATED WITH IVABRADINE FOR ONE YEAR

V. Cesario, V. Calvez, M. Montefusco, F. Brogna, M. Volpe, C. Savoia
Rome, ITALY

4 / 31 ASSOCIATION BETWEEN IN-HOSPITAL MORTALITY AND ANTI-HYPERTENSIVE THERAPY IN A POPULATION OF HOSPITALIZED VERY ELDERLY HYPERTENSIVES WITH UNDERLYING UNDIAGNOSED HEART FAILURE

F. Spannella, F. Giulietti, P. Baliotti, B. Bernardi, L. Landi, M. Ricci, G. Cocci, R. Sarzani
Ancona, ITALY

4 / 32 PHOSPHORUS DEFICIENCY IN MASSRY'S PHOSPHATE DEPLETION SYNDROME CAN BE ONE OF THE CAUSE OF ACUTE LEFT HEART FAILURE

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4 / 33 COVARIABLES AND TYPES OF ABNORMAL LEFT VENTRICULAR GEOMETRY IN YOUNG AND MIDDLE-AGED ISCHEMIC STROKE SURVIVORS. THE NORWEGIAN STROKE IN THE YOUNG STUDY

S. Saeed, U. Waje-Andreassen, N. Pristaj, A. Oftedal, H. Naess, A. Fromm, E. Gerdtts Bergen, NORWAY

4 / 34 NON-INVASIVE OSCILLOMETRIC CARDIAC OUTPUT CALCULATION

A. Reshetnik, A. Schoelzel, F. Compton, M. Toelle, M. Zidek, M. Van Der Giet Berlin, GERMANY

4 / 35 PREVALENCE AND PREDICTORS OF PULMONARY HYPERTENSION IN A GENERAL COMMUNITY-BASED POPULATION

S. Quartuccio¹, E. Imbalzano¹, M. Vatrano², A. Lo Gullo¹, G. Mandraffino¹, R. Ceravolo², A.V. Ciconte², G. Trapani¹, G. Lizio¹, A. Saitta¹

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4 / 36 OPPORTUNITIES TO IMPROVE MENTAL STATUS STATE OF PATIENTS WITH ARTERIAL HYPERTENSION ASSOCIATED WITH ACUTE CORONARY SYNDROME

T. Poponina, Y. Poponina, K. Gunderina, V. Markov Tomsk, RUSSIA

4 / 37 THE INFLUENCE OF TENOTEN ON THE HEART RATE VARIABILITY AMONG HYPERTENSIVE PATIENTS WITH ACUTE CORONARY SYNDROME ACCOMPANIED BY ANXIETY AND DEPRESSIVE DISORDERS

T. Poponina, K. Gunderina, Y. Poponina, V. Markov Tomsk, RUSSIA

4 / 38 THE EFFECT OF HYPERTENSION ON INCIDENT ATRIAL FIBRILLATION, THROMBOEMBOLISM AND MORTALITY IN PATIENTS WITH CARDIOVASCULAR RISK

F. Shamoun, C. Parsons, S. Cha, F. Mookadam Scottsdale, AZ, USA

Posters' Session PS05**LIFESTYLE, HYPERTENSION MANAGEMENT AND RESISTANT HYPERTENSION**

Chairpersons: F.E.M. Fadl Elmula (Oslo, NORWAY), M.H. Olsen (Glostrup, DENMARK)

ROOM 5 POSTERS FROM 1 TO 41

5 / 1 EFFECT OF LONG-TERM ENRICHED POTASSIUM SALT INTAKE ON SALT REDUCTION IN CHINESE LIVING IN NURSING HOUSES

X. Wang¹, W. Li², D. Li³, Y. Guo⁴, B. Zhang⁵, J. Zhao⁶, Y. Dong⁷, Y. Liu⁸, X. Dou⁸, H. Zhang⁸, L. Liu⁸

¹ Dalian, ² Leting, ³ Wuxiang, ⁴ Wuchuan, ⁵ Shouyang, ⁶ Weihai, ⁷ Tunliu, ⁸ Beijing, CHINA

5 / 2 TELEHEALTH AND REMOTE MEASUREMENT TECHNOLOGIES TO IMPROVE THE MANAGEMENT OF OVERALL CARDIOVASCULAR RISK (TELE-REMETRI STUDY)

P. Zelveian¹, J. Topouchian^{1,2}, Z. Hakobyan¹, D. Altunyan¹, D. Freiha², R. Asmar^{2,3}
¹ Yerevan, ARMENIA, ² Paris, FRANCE, ³ Geneva, SWITZERLAND

5 / 3 EVALUATION OF DRUG CONTROL EFFICACY OF ARTERIAL HYPERTENSION IN THE PRIMARY HEALTHCARE SYSTEM OF YEREVAN

P. Zelveian, Z. Hakobyan
Yerevan, ARMENIA

5 / 4 A GAP BETWEEN SELF-ASSESSMENT AND SCREENING SURVEY RESULTS AMONG ARMENIAN POPULATION WITH UNCONTROLLED ARTERIAL HYPERTENSION

P. Zelveian, L. Dheryan, D. Andreasyan
Yerevan, ARMENIA

5 / 5 KNOWLEDGE ASSESSMENT OF CARDIOVASCULAR DISEASES AMONG PAKISTANI POPULATION

S. Zaidi
Lahore, PAKISTAN

5 / 6 SLEEP AS A MEDIATOR OF THE BLOOD PRESSURE LOWERING EFFECTS OF LOW DOSE ASPIRIN

H. Yang, M. Haack, J.M. Mullington
Boston, MA, USA

5 / 7 RESULTS FROM THE FOLLOW-UP OF PATIENTS WITH RENAL DENERVATION FOR SEVERE HYPERTENSION

T. Yaneva-Sirakova, K. Karamfiloff, L. Dosev, V. Naunov, J. Stoykova, D. Vassilev
Sofia, BULGARIA

5 / 8 SANSHOOL COMPOUNDS ACTIVATES SALT-TASTE IN HYPERTENSIVE PATIENTS

N. Yamamoto, T. Mitani, H. Mimura, T. Tsuchida, N. Miyai, H. Kobayashi, M. Arita
Wakayama, JAPAN

5 / 9 THE EFFECT OF CATHETER BASED RENAL SYMPATHETIC DENERVATION ON RENIN-ANGIOTENSION-ALDOSTERONE SYSTEM IN PATIENTS WITH RESISTANT HYPERTENSION

M. Xu, C. Lu
Tianjin, CHINA

5 / 10 BLOOD PRESSURE LOWERING AND SELF-REPORTED ADHERENCE WITH A FIXED-DOSE COMBINATOR OF PERINDOPRIL/AMLODIPINE IN PRIMARY CARE: A NON-INTERVENTIONAL STUDY

E. Limbourg¹, B. Weger², H. Haller¹
¹ Hannover, ² Munich, GERMANY

5 / 11 EFFECTS OF SEVERE SALT RESTRICTION ON INFLAMMATORY RESPONSE AND HYPERTENSION CONTROL RATES IN HYPERTENSIVE ADULTS

I. Voloshyna, V. Krivenko, V. Voloshyn, V. Vizir
Zaporizhzhia, UKRAINE

5 / 12 DRUG NON-ADHERENCE AS MAJOR CAUSE OF SEVERE HYPERTENSION AT THE EMERGENCY DEPARTMENT

N. Overgaauw, J. Alisma, A. Brink, S. Bahmany, A.H. van den Meiracker, S.C.E. Schuit, B.C.P. Koch, J. Versmissen
Rotterdam, THE NETHERLANDS

5 / 13 ADVERSE EFFECTS OF SPIRONOLACTONE DURING LONG-TERM TREATMENT OF RESISTANT ARTERIAL HYPERTENSION

J. Vaclavik, D. Tavacova, E. Kocianova, M. Kamasova
Olomouc, CZECH REPUBLIC

5 / 14 IS RESISTANT HYPERTENSION IN ELDERLY A CLINICAL MANIFESTATION OF HFPEF?

E. Turkoglu
Izmir, TURKEY

5 / 15 THE IMPACT OF SWITCHING FROM PROTOTYPE TO GENERIC ATORVASTATIN ON PERSISTENCE AND COMPLIANCE IN GREECE: THE LIPID STUDY

A. Kasiakogias, C. Tsioufis, K. Kyriazopoulos, G. Annousis, D. Aragiannis, K. Dimitriadis, D. Tousoulis
Athens, GREECE

5 / 16 EFFECT OF RENAL SYMPATHETIC DENERVATION ON SHORT TERM BLOOD PRESSURE VARIABILITY IN RESISTANT HYPERTENSION. A SYSTEMATIC REVIEW AND META-ANALYSIS

N. Vogiatzakis, C. Tsioufis, G. Georgiopoulos, C. Thomopoulos, K. Dimitriadis, A. Kasiakogias, D. Konstantinidis, T. Kalos, M. Doumas, V. Papademetriou, D. Tousoulis
Athens, GREECE

5 / 17 DIETARY HABITS ON BLOOD PRESSURE

K. Tsigari, M. Chania, S. Tziaferi, P. Kalatzji
Sparti, GREECE

5 / 18 TREATMENT OF "BULGARIAN HYPERTENSIVE PATIENT". GUIDELINES VERSUS REAL LIFE PRACTICE

V. Tsanova, E. Goshev
Sofia, BULGARIA

5 / 19 USE OF HERBAL SUPPLEMENTS AMONG HYPERTENSIVE POPULATIONS IN ALBANIA

A. Themeli, E. Pistja
Lezhe, ALBANIA

5 / 20 INFLUENCE OF A PROGRAM OF THERAPEUTIC EXERCISE IN DIFFERENT CLINICAL INDICATORS RELATED TO DYSLIPIDEMIA IN ADULT SUBJECTS FROM 26 TO 73 YEARS WITH A CARDIOVASCULAR RISK FACTOR

P. Tarraga Lopez¹, P.L. Rodriguez Garcia², E. Garcia Canto², J.J. Perez Soto², A. Rosa Guillamon², M. Meseguer Zafra², R. Salmeron Rios¹, M.J. Villar Inarejos¹, E. Del Moral², C. Celada³
¹ Albacete, ² Murcia, ³ Cartagena, SPAIN

5 / 21 RATE OF CLINICAL FACILITY VISITORS AMONG THOSE WHO WERE SUGGESTED TO HAVE TREATMENT OR DETAILED HEALTH EXAMINATION

K. Takeda, J. Moriguchi, S. Sakuragi
Kyoto, JAPAN

5 / 22 PHYSICAL ACTIVITY IN MEN WITH ARTERIAL HYPERTENSION FROM THE WARMIA NAD MAZURY REGION IN POLAND

P. Zielecki¹, M. Szczubelek¹, J. Harazny^{1,2}, N. Kwella¹, T. Stompor¹
¹ Olsztyn, POLAND, ² Erlangen, GERMANY

5 / 23 POOR CARDIORESPIRATORY FITNESS IS ASSOCIATED WITH INCREASED URINARY ALBUMIN EXCRETION IN NON-DIABETIC POPULATION

J. Sung, S. Cho, K. Hong
Seoul, SOUTH KOREA

5 / 24 INFLUENCE OF DIFFERENT TYPES OF PHYSICAL TRAININGS ON PARAMETERS OF BLOOD PRESSURE DAILY MONITORING

V. Sujayeva
Minsk, BELARUS

5 / 25 IMPACT OF SHORT-TERM EXERCISE TRAINING AND BETA BLOCKERS ON ARTERIAL BLOOD PRESSURE AND QT DISPERSION IN PATIENTS AFTER CORONARY ARTERY BYPASS GRAFT SURGERY WITH HYPERKINETIC STATE

V. Stoickov, M. Deljanin Ilic, M. Stoickov, I. Tasic, S. Saric, S. Andonov, S. Mitic
Niš, SERBIA

5 / 26 A SYSTEMATIC REVIEW OF TELEMONTORING ASSESSMENT FOR PATIENTS WITH HEART FAILURE

T. Farnia, M.C. Jaulent, O. Steichen
Paris, FRANCE

5 / 27 MAGNESIUM SUPPLEMENTATION IN PATIENTS WITH HYPERTENSION

A. Skrzek, K. Stolarz-Skrzypek, D. Czarnecka
Krakow, POLAND

5 / 28 RELATIONSHIP BETWEEN UROCORTIN 2 CONCENTRATION AND METABOLIC PROFILE IN HEALTHY SUBJECTS

O. Siga, A. Dzieza-Grudnik, J. Walczewska, P. Wolkow, A. Borys, B. Wizner, B. Gryglewska, T. Grodzicki
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5 / 29 CIRCADIAN RHYTHM OF BLOOD PRESSURE AND TARGET ORGAN DAMAGE IN PATIENTS WITH RESISTANT HYPERTENSION

M. Sheremet, L. Mishchenko, O. Matova, O. Gulkevych, O. Krot
Kiev, UKRAINE

5 / 30 NEUROHUMORAL AND ENDOTHELIAL RESPONSES TO HEATED WATER-BASED EXERCISE IN RESISTANT HYPERTENSIVE PATIENTS THE NEUROHUMORAL AND ENDOTHELIAL RESPONSES TO THE BLOOD PRESSURE (BP) LOWER

L. Galvani de Barros Cruz¹, G.L. Seravalle², E.A. Bocchi¹, G. Grassi³, G. Guimaraes¹
¹ Sao Paulo, BRAZIL, ² Milan, ³ Sesto San Giovanni, ITALY

5 / 31 DAILY URINARY SALT EXCRETION AND BNP IN PATIENTS WITH ATRIAL FIBRILLATION

S. Seki, I. Taniguchi, M. Yoshimura
Tokyo, JAPAN

5 / 32 PROFOUND SYMPATHETIC NERVOUS SYSTEM ACTIVATION IN PATIENTS WITH RESISTANT HYPERTENSION

M.P. Schlaich¹, D. Hering¹, G. Lambert², N. Eikelis², S. Philipps², E. Lambert², Y. Sata², M. Esler²
¹ Perth, ² Melbourne, AUSTRALIA

5 / 33 IMMEDIATE REDUCTION OF PULSE WAVE VELOCITY AS A MARKER OF EFFICACY OF RENAL DENERVATION THERAPY IN HEMODIALYSIS PATIENTS WITH RESISTANT HYPERTENSION

F. Scalise, A. Sorropago, C. Auguadro, G. Sorropago, C. Ballabeni, F. Maccario, R. Galato, G. Mancina
Monza, ITALY

5 / 34 METABOLIC SYNDROME-RELATED FEATURES IN CONTROLLED AND RESISTANT HYPERTENSIVE SUBJECTS

A. Santa Catharina¹, R. Modolo¹, A. Ritter¹, A. Sabbatini¹, N. Correa¹, V. Brunelli¹, N. Fraccaro¹, A. Almeida¹, H. Lopes², H. Moreno¹, A. De Faria¹
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5 / 35 IN PATIENTS RECENTLY DIAGNOSED WITH TYPE 2 DIABETES, LOW LEVEL OF PHYSICAL ACTIVITY IS ASSOCIATED WITH LEFT VENTRICULAR DIASTOLIC DYSFUNCTION

H. Rus, C. Dascalescu, E. Bobescu, E. Grancea
Brasov, ROMANIA

5 / 36 RENAL DENERVATION IN COMPARISON TO INTENSIFIED PHARMACOTHERAPY IN TRUE RESISTANT HYPERTENSION. TWO-YEAR OUTCOMES OF RANDOMISED PRAGUE-15 STUDY

J. Rosa¹, P. Widmsky¹, P. Waldauf¹, T. Zelinka¹, O. Petak¹, M. Taborsky², M. Branny³, P. Tousek¹, K. Curila¹, L. Lambert¹, F. Bednar¹, R. Holaj¹, B. Strauch¹, J. Vaclavik², E. Kocianova², I. Nykl³, O. Jiravsky³, T. Indra¹, Z. Kratka¹, J. WidimskyJr.¹
¹ Prague, ² Olomouc, ³ Trinec, CZECH REPUBLIC

5 / 37 LONG-TERM OBSERVATIONS OF KIDNEY BLOOD FLOW AFTER RENAL SYMPATHETIC DENERVATION IN PATIENTS WITH RESISTANT HYPERTENSION

T. Ripp, V. Mordovin, N. Ryabova, S. Pekarskiy, G. Semke, A. Falkovskaya, V. Lichiaki, I. Zubanova, S. Popov
Tomsk, RUSSIA

5 / 38 EFFICIENCY OF RENAL DENERVATION IN PATIENTS WITH RESISTANT HYPERTENSION AND OBESITY

L. Plashchinskaya, A. Mrochek, D. Goncharik, A. Chasnoits, V. Barsukevich, A. Savchemko, Y. Persidskikh, I. Lazareva
Minsk, BELARUS

5 / 39 TWENTY-FOUR HOUR AMBULATORY BLOOD PRESSURE LEVEL IS CORRELATED WITH ALTERED PSYCHOLOGICAL PROFILES IN PATIENTS WITH APPARENTLY TREATMENT-RESISTANT HYPERTENSION

E. Berra^{1,2}, G. Petit¹, C. George¹, A. Capron¹, P. Wallemacq¹, P. de Timary¹, A. Persu¹
¹ Brussels, BELGIUM, ² Turin, ITALY

5 / 40 CONTINUATION OF A RANDOMIZED DOUBLE-BLIND CONTROLLED TRIAL OF DISTAL RENAL DENERVATION VERSUS CONVENTIONAL MODE OF THE INTERVENTION FOR TREATMENT OF RESISTANT HYPERTENSION

S. Pekarskiy, A. Baev, V. Mordovin, G. Semke, T. Ripp, A. Falkovskaya, V. Lichikaki, M. Kuzmichkina, S. Triss, S. Popov
Tomsk, *RUSSIA*

5 / 41 RELATIONSHIP BETWEEN HUMORAL FACTORS, MYOCARDIAL REMODELING AND HEART RATE VARIABILITY IN RESISTANT HYPERTENSIVE PATIENTS

T. Ovdiienko, L. Mishchenko, O. Kupchynska, O. Matova, A. Logvinenko, M. Sheremet, O. Gulkevych
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Posters' Session PS06

BLOOD PRESSURE MEASUREMENT AND VARIABILITY

Chairpersons: G. Bilo (*Milan, ITALY*),

ROOM **6** POSTERS FROM **1** TO **32**

A. Mihailidou (*Sydney, AUSTRALIA*)

6 / 1 HEART RATE EVALUATION AS THE PART OF ANALYSIS OF DAILY BLOOD PRESSURE MONITORING

L. Zhuravlyova, A. Yankevich
Kharkiv, *UKRAINE*

6 / 2 REGULAR HOME BLOOD PRESSURE MEASUREMENTS AND NORMAL WEIGHT LINKED WITH HYPERTENSION CONTROL IN VERY OLD HYPERTENSIVE SUBJECTS

B. Wizner¹, O. Siga¹, B. Gryglewska¹, A. Wilkins², J. Walczewska¹, T. Grodzicki¹
¹ Krakow, ² Warsaw, *POLAND*

6 / 3 DIURNAL BLOOD PRESSURE PROFILE AND CORONARY ATHEROSCLEROSIS EXTEND ARE RELATED TO CARDIOVASCULAR COMPLICATIONS IN PATIENTS WITH CORONARY HEART DISEASE

M. Wirtwein¹, O. Melander², M. Sjogren², K. Narkiewicz¹, M. Gruchala¹, W. Sobiczewski¹
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6 / 4 THE RELATIONSHIP BETWEEN GENE POLYMORPHISMS AND DIURNAL BLOOD PRESSURE VARIABILITY IN PATIENTS WITH CAD

M. Wirtwein¹, O. Melander², M. Sjogren², K. Narkiewicz¹, M. Gruchala¹, W. Sobiczewski¹
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6 / 5 IS OFFICE BLOOD PRESSURE MEASUREMENT RELIABLE FOR INDIVIDUAL DECISION MAKING? RESULTS OF THE IPARR TRIAL

A.S. Vischer, C. Winterhalder, L. Leonardi, A. Maseli, J. Eckstein, T. Burkard
Basel, *SWITZERLAND*

6 / 6 PHENOTYPES OF BLOOD PRESSURE IN PATIENTS WITH RHEUMATOID ARTHRITIS

S. Velmakin, E. Troitskaya, S. Villevalde, Z. Kobalava
Moscow, *RUSSIA*

6 / 7 INCREASED BLOOD PRESSURE VARIABILITY IS ASSOCIATED WITH DETERIORATION OF RENAL FUNCTION IN ESSENTIAL HYPERTENSION

W. Tsai, C. Chou
Tainan, TAIWAN

6 / 8 PREVALENCE AND CLINICAL OUTCOMES OF WHITE COAT AND MASKED HYPERTENSION COMPARED TO NORMOTENSION AND SUSTAINED HYPERTENSION

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6 / 9 POTENTIAL IMPACT OF STATIN USE ON DAY-TIME AND NIGHT-TIME BLOOD PRESSURE LEVELS: A RETROSPECTIVE ANALYSIS OF A LARGE DATABASE OF 24-HOUR AMBULATORY BLOOD PRESSURE MONITORING

G. Tocci^{1,2}, V. Presta¹, I. Figliuzzi¹, V. Costanzi¹, G. Gallo¹, N. Attalla¹, F. Simonelli¹, B. Citoni¹, A. Battistoni¹, A. Ferrucci¹, M. Volpe^{1,2}
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6 / 10 BLOOD PRESSURE VARIABILITY AND TARGET ORGAN DAMAGE IN HYPERTENSION

D. Terentes-Printzios, C. Vlachopoulos, N. Ioakeimidis, P. Xaplanteris, K. Aznaouridis, A. Angelis, C. Georgakopoulos, P. Pietri, N.P. Skliros, D. Tousoulis
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6 / 11 ASSOCIATION BETWEEN AMBULATORY ARTERIAL STIFFNESS INDEX, MARKERS OF BLOOD PRESSURE VARIABILITY AND INDICES OF SUBCLINICAL VASCULAR DAMAGE IN OBESE CHILDREN

A. Tagetti, S. Bonafini, P. Minuz, C. Fava
Verona, ITALY

6 / 12 B-TYPE NATRIURETIC PEPTIDE IS A DETERMINANT OF THE NOCTURNAL INCREASE IN BLOOD PRESSURE INDEPENDENTLY OF ARTERIAL HYPERTROPHY AND HYPOXIA

Y. Tabara¹, M. Igase², T. Miki², Y. Ohyagi², F. Matsuda¹, K. Kohara²
¹ Kyoto, ² Matsuyama, JAPAN

6 / 13 ANXIETY AS A PERSONALITY TRAIT CORRELATES WITH SHORT-TERM SYSTOLIC BLOOD PRESSURE VARIABILITY

B. Symonides, D. Wolynczyk-Gmaj, M. Fornal-Pawlowska, G. Splochanski, Z. Gaciong, M. Wojnar
Warsaw, POLAND

6 / 14 HOW WE CAN TRUST THE MEASURE OF BLOOD PRESSURE VARIABILITY (BPV)

E. Strocchi, R. Grillo, M. Rosticci, P.L. Malini, C. Borghi
Bologna, ITALY

6 / 15 DETERMINANTS OF WHITE-COAT AND MASKED HYPERTENSION IN THE GENERAL POPULATION: THE DIDIMA STUDY

K. Kyriakoulis, A. Ntineri, P. Kalogeropoulos, E. Aissopou, G.S. Stergiou
Athens, GREECE

6 / 16 HOME VERSUS AMBULATORY BLOOD PRESSURE AND TARGET-ORGAN DAMAGE IN CHILDREN AND ADOLESCENTS

A. Ntineri, M. Zeniodi, A. Kollias, G. Servos, D. Georgakopoulos, I. Moyssakis, A. Vazeou, G.S. Stergiou
Athens, GREECE

6 / 17 EFFECT OF CALIBRATION METHOD ON THE ASSOCIATION BETWEEN 24-HOUR CENTRAL BLOOD PRESSURE AND TARGET-ORGAN DAMAGE IN YOUNG INDIVIDUALS

A. Kollias, A. Ntineri, A. Destounis, G. Servos, D. Georgakopoulos, I. Moyssakis, A. Vazeou, G.S. Stergiou
Athens, GREECE

6 / 18 SEASONAL BLOOD PRESSURE CHANGES IN HIGH NORMAL, NORMAL AND OPTIMAL BLOOD PRESSURE PATIENTS WITHOUT ANTIHYPERTENSIVE MEDICATION

M. Smirnova ¹, V. Gorbunov ¹, D. Volkov ¹, Y. Koshelyaevskaya ¹, A. Deev ¹, S. Boytsov ¹, N. Furman ², P. Dolotovskaia ², M. Shamiunov ²
¹ Moscow, ² Saratov, RUSSIA

6 / 19 MASKED HYPERTENSION IN UNTREATED PATIENTS WITH HIGH NORMAL, NORMAL AND OPTIMAL BLOOD PRESSURE

M. Smirnova ¹, V. Gorbunov ¹, D. Volkov ¹, A. Deev ¹, Y. Koshelyaevskaya ¹, S. Boytsov ¹, N. Furman ², P. Dolotovskaia ², M. Shamiunov ²
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6 / 20 SEVEN DAY/24 HOUR AMBULATORY BLOOD PRESSURE MONITORING: DIFFERENCES IN 24 HOUR BLOOD PRESSURE PROFILE DEPENDING ON THE CONSECUTIVE DAYS OF MEASUREMENT

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6 / 21 VOLUME-COMPRESSIVE OSCILLOMETRY IN NON INVASIVE ASSESSMENT OF HEMODYNAMIC PARAMETERS IN HYPERTENSIVE PATIENTS

S. Padaryan, E. Shavarova, V. Degtyarev, Y. Kotovskaya, Z. Kobalava
Moscow, RUSSIA

6 / 22 CENTRAL HOME AND OFFICE BLOOD PRESSURE MEASUREMENT TO EVALUATE CHANGES ASSOCIATED WITH DIET SALT REDUCTION

W. Sebba Barroso, A.C. Arantes, R. Bernardes Rodrigues, Y. Cassia Luciana Araujo, A.C. De Souza, M. Borges Euzebio, T.C. Dos Santos Neiva, L. Rezende Mikhael, T. Veiga Jardim, A.L. Lima Souza, P.C. Veiga Jardim
Goiânia, BRAZIL

6 / 23 EVOLUTION OF BLOOD PRESSURE VARIABILITY AND INSULIN RESISTANCE IN HYPERTENSIVES: RAMIPRIL VERSUS EPROSARTAN

N. Sapojnic, A. Caraush, M. Caraush
Chisinau, REPUBLIC OF MOLDOVA

6 / 24 THE EVOLUTION OF HYPERTENSION - FROM THE WHITE COAT (WCH) TO THE SUSTAINED HYPERTENSION (SH)

C. Santos Moreira, P. Alcântara, C. Alcântara, F. Veloso, C. Saldanha, J. Martins e Silva, J. Braz Nogueira
Lisbon, PORTUGAL

6 / 25 BETA-BLOCKERS ARE THE ONLY ANTIHYPERTENSIVE DRUGS THAT BLUNT THE DURATION OF WHITE-COAT EFFECT ESTIMATED WITH AMBULATORY BLOOD PRESSURE MONITORING

F. Salvo¹, M. Albano¹, C. Vallo¹, C. Lonati², P. Fogliacco¹, A.R. Errani¹, M. Berardi¹, V. Meinerio¹, C.L. Muzzulini¹, A. Morganti²

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6 / 26 EFFECT OF STANDARDIZED ALGORITHMIC TREATMENT ON HOME BLOOD PRESSURE VARIABILITY: GENDER DIFFERENCES IN LONGITUDINAL REAL-LIFE STUDY

K. Amosova, I.U. Rudenko

Kiev, UKRAINE

6 / 27 THE EFFECT OF NIGHTTIME AIRCRAFT NOISE EXPOSURE ON CIRCADIAN BLOOD PRESSURE PROFILE

M. Rojek¹, M. Rajzer¹, T. Pizon¹, P. Skalski², D. Czarnecka¹

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6 / 28 RELATIONSHIPS OF BLOOD PRESSURE AND CIRCADIAN RHYTHM WITH VASCULAR REACTIVITY FOR HYPERTENSIVE PATIENTS

T. Ripp, V. Mordovin, E. Ripp, N. Rebrova, S. Pekarskiy, A. Falkovskaya, V. Lichikaki, E. Sitkova, I. Zyubanova

Tomsk, RUSSIA

6 / 29 DAY-TO-DAY VARIABILITY OF THE MEAN SYSTOLIC AND DIASTOLIC PRESSURE IN AMBULANT BLOOD PRESSURE MONITORING

A. Reshetnik, M. Toller, W. Zidek, M. Van Der Giet

Berlin, GERMANY

6 / 30 RELATIONSHIP BETWEEN AMOUNT OF SALT INTAKE AND LONG-TERM BLOOD PRESSURE VARIABILITY

A. Rekhviashvili, A. Minashvili, M. Utiashvili

Tbilisi, GEORGIA

6 / 31 MISSED ARTERIAL HYPERTENSION BY OFFICE BLOOD PRESSURE MEASURED ACCORDING TO THE NICE 2013 GUIDELINES. RESULTS FROM THE IPARR TRIAL

T. Burkard, C. Winterhalder, L. Leonardi, A. Maseli, T. Schoen, J. Eckstein, A.S. Vischer

Basel, SWITZERLAND

6 / 32 VISIT-TO-VISIT BLOOD PRESSURE VARIABILITY AND ITS CORRELATION WITH DECLINE IN KIDNEY FUNCTION IN PATIENTS WITH TYPE 2 DIABETES MELLITUS

H. Husin, Y.C. Chia, H. Hadi

Kuala Lumpur, MALAYSIA

Posters' Session PS07

KIDNEY AND RAAS

Chairpersons: A. Pechere-Bertschi (*Geneva, SWITZERLAND*), ROOM **7** POSTERS FROM **1 TO 36**
M. Pruijm (*Lausanne, SWITZERLAND*)

7 / 1 INFLUENCE OF DYSLIPIDAEMIA CORRECTION ON KIDNEY HEMODYNAMICS AND CALCIUM METABOLISM IN PATIENTS WITH ESSENTIAL HYPERTENSION AND OSTEOARTHRITIS

L. Zhuravlyova, T. Rogachova
Kharkiv, UKRAINE

7 / 2 KLOTHO RELATIONSHIP WITH BLOOD PRESSURE CONTROL AND CARDIOVASCULAR DISEASES IN PATIENTS WITH CHRONIC KIDNEY DISEASE STAGE 5, MAINTAINED HEMODIALYSIS

E. Zbroch, E. Koc-Zorawska, J. Malyszko
Bialystok, POLAND

7 / 3 DOES ACE2-ANGIOTENSIN-(1-7) AXIS PROTECT FROM AGING-ASSOCIATED PROGRESSION OF MUSCLE WEAKNESS IN MICE?

K. Yamamoto, H. Takeshita, S. Nozato, H. Rakugi
Suita, JAPAN

7 / 4 EFFECT OF ANGIOTENSIN-CONVERTING ENZYME INHIBITORS ON PLASMINOGEN ACTIVATOR INHIBITOR – 1 LEVEL IN HYPERTENSIVE PATIENTS WITH IGA NEPHROPATHY

D. Xydakis¹, E. Antonaki¹, M. Tzanakakis¹, K. Kostakis¹, A. Papadaki², A. Papadogiannakis¹
¹ Heraklion, ² Chania, GREECE

7 / 5 ORAL PARICALCITOL THERAPY REDUCES ARTERIAL STIFFNESS IN HYPERTENSIVE PATIENTS WITH CHRONIC KIDNEY DISEASE AND SECONDARY HYPERPARATHYROIDISM: DATA FROM A 1-YEAR FOLLOW-UP STUDY

K. Dimitriadis, C. Tsioufis, M. Giakoumis, T. Kalos, M. Kouremeti, K. Kyriazopoulos, G. Annousis, D. Konstantinidis, D. Petras, D. Tousoulis
Athens, GREECE

7 / 6 EFFECT OF MOXONIDINE ON THE ALDOSTERONE/RENIN RATIO CALCULATED BY BOTH PLASMA RENIN ACTIVITY AND DIRECT RENIN CONCENTRATION IN HEALTHY MALE VOLUNTEERS

A. Ahmed, R.D. Gordon, G. Ward, M. Wolley, M. Stowasser
Brisbane, AUSTRALIA

7 / 7 USE OF BETABLOCKERS ASSOCIATED WITH LESS ORTHOSTATIC RESPONSE IN DIALYSIS PATIENTS: SHOULD WE BE MORE CAREFUL ABOUT IT?

M. Schiavone¹, M.E. Biais², M. Magenta², G. Lahan², C. Diaz², G. Fernandez Candia¹, F. Speranzoni², J. Montagnana², R. Pereira², S. Gonzalez¹, F. Inserra¹, C. Castellaro^{1,2}
¹ Derqui, ² Buenos Aires, ARGENTINA

7 / 8 PULSE PRESSURE AND INHIBITION OF THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM IN ESSENTIAL HYPERTENSIVE PATIENTS ASSUMING ACE INHIBITORS OR ANGIOTENSIN RECEPTOR BLOCKERS

P. Baliotti, F. Spannella, F. Giulietti, E. Borioni, F. Lombardi, G. Cocci, R. Sarzani
Ancona, ITALY

7 / 9 SUBCLINICAL ORGAN DAMAGE AND CIRCADIAN BLOOD PRESSURE VARIABILITY IN HOSPITALISED PATIENTS WITH HYPERTENSION AND CHRONIC KIDNEY DISEASE

P. Salwa, I. Gorczyca-Michta, B. Wozakowska-Kaplon
Kielce, POLAND

7 / 10 PRIMARY HYPERTENSION. EARLY NEPHROSCLEROSIS BEGINS FIRST WITHIN THE LEFT KIDNEY. ERGUN'S SIGN

Y. Sagliker¹, Y. Ergun¹, H. Sabit Sagliker², N. Paylar¹, K. Aikimbaev¹, H. Firinciogullari¹, P. Sagliker Ozkaynak¹, Y. Ergun³
¹ Adana, ² Konya, ³ K. Maras, TURKEY

7 / 11 EFFECTS OF DUAL BLOCKAGES OF THE RENIN ANGIOTENSIN SYSTEM IN PATIENTS WITH HEART FAILURE AND RENAL DYSFUNCTION: SYSTEMATIC REVIEW AND METANALYSIS

A. Rodrigues Silva¹, A. Goes Martini¹, G. De Luca Canto², E. Neves Da Silva Guerra¹, F. De Assis Rocha Neves¹
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7 / 12 HEMATOCRIT UREA AND GENDER (H.U.G.E.) FORMULA AND THE CKD PROGNOSIS CONSORTIUM EQUATION: CORRELATION WITH KDIGO RISK TABLE IN SPANISH POPULATION

J.M. Urbano¹, N.R. Robles², D. Fernandez-Berges³, F.J. Felix⁴, L. Lozano⁵, I. Miranda³
¹ Elvas, PORTUGAL, ² Badajoz, ³ Don Benito, ⁴ Villanueva de la Serena, ⁵ Merida, SPAIN

7 / 13 CHRONIC RENAL DISEASE ACCORDING TO THE TIME OF EVOLUTION OF DIABETES IN PATIENTS INCLUDED IN THE IBERICAN STUDY

D. Rey Aldana¹, A. Barquilla Garcia², F.J. Alonso Moreno³, R.M. Mico Pérez⁴, A. Santo González⁵, O. García Vallejo⁶, A. Calderón Montero⁶, A.P. Martínez Barseló⁷, M. Ruiz Peña⁹, I. Gil Gil⁹
¹ Pontevedra, ² Caceres, ³ Toledo, ⁴ Valencia, ⁵ Murcia, ⁶ Madrid, ⁷ Teruel, ⁸ Cadiz, ⁹ Barcelona, SPAIN

7 / 14 RENAL DOPAMINERGIC SYSTEM DYSFUNCTION ASSOCIATED TO HIGH BLOOD PRESSURE AND INFLAMMATION IN FRUCTOSE OVERLOAD INDUCED METABOLIC SYNDROME

A. Puyó, N. Rukavina Mikusic, N. Kouyoumdzian, G. Robbesaul, M. Alvarez Primo, H. Lee, J. Toblli, B. Fernández, M. Choi
Buenos Aires, ARGENTINA

7 / 15 PREVALENCE AND CHARACTERISTICS OF THE PATIENTS WITH MICROALBUMINURIA IN THE IBERICAN STUDY

M. Prieto Díaz¹, E. Gamero De Luna², F. Unzeta Aramburu³, M. Laborda Peralta⁴, R. Piedra Castro⁵, M. Martín Linares⁶, O. Mahmoud Atoui⁷, R. Aldecoa Garcia⁸, F. Martínez García⁷, F. Leiva Cepas⁹
¹ Oviedo, ² Sevilla, ³ Baleares, ⁴ Toledo, ⁵ Guadalajara, ⁶ Valencia, ⁷ León, ⁸ Barcelona, ⁹ Córdoba, SPAIN

7 / 16 RELATIONSHIP BETWEEN PLASMA RENIN ACTIVITY, PLASMA ALDOSTERONE AND SELECTED ASYMPTOMATIC ORGAN DAMAGE INDICES IN ESSENTIAL ARTERIAL HYPERTENSION

T. Pizon, M. Rajzer, M. Wach-Pizon, W. Wojciechowska, T. Drozd, M. Rojek, D. Czarnecka
Krakow, POLAND

7 / 17 GLYCATED HEMOGLOBIN A1C IS A STRONG DETERMINANT OF KIDNEY FUNCTION AND ALBUMIN EXCRETION IN HYPERTENSIVE PATIENTS WITH METABOLIC SYNDROME

P. Pietri, C. Vlachopoulos, N. Ioakeimidis, D. Terentes-Printzios, C. Stefanadis
Athens, GREECE

7 / 18 CHRONIC KIDNEY DISEASE, END STAGE RENAL DISEASE, AND KIDNEY TRANSPLANTATION IN SURINAME

V. Nannan Panday¹, F.S. Diemer², Y.C. Haan¹, A. Punwasi², C. Rommy², G.A. Van Montfrans², G.P. Oehlers², L.M. Brewster^{1,2}
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7 / 19 ASSOCIATION OF MAXIMUM SPEED OF BLOOD PRESSURE RISE DURING 24-H ABPM WITH SUBCLINICAL RENAL DAMAGE IN ESSENTIAL HYPERTENSION

G. Mulè, F. Gervasi, M.G. Vario, C. Cusumano, R. Salemi, L. Guarino, M. Guarneri, F. Vaccaro, T. Viola, S. Cottone
Palermo, ITALY

7 / 20 EFFECTS OF RENIN-ANGIOTENSIN SYSTEM INHIBITORS ON RENAL EXPRESSION OF RENALASE IN SPRAGUE-DAWLEY RATS FED WITH HIGH SALT DIET

J. Mu, Y. Wang
Xian, CHINA

7 / 21 KIDNEY INJURY, VASCULAR REACTIVITY AND STIFFNESS IN GENDER SUBGROUPS OF HYPERTENSIVE PATIENTS

S. Mironova, I. Iudina, M. Ionov, T. Makhmatova, N. Avdonina, I. Emelyanov, N. Zvartau, A. Konradi
Saint-Petersburg, RUSSIA

7 / 22 BIOMARKERS OF KIDNEY INJURY IN GENDER SUBGROUPS OF HYPERTENSIVE PATIENTS

S. Mironova, I. Iudina, M. Ionov, T. Makhmatova, N. Avdonina, I. Emelyanov, N. Zvartau, A. Konradi
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7 / 23 SERELAXIN ATTENUATES THE PRESSOR RESPONSE TO ANGIOTENSIN II IN AGEING FEMALES VIA AN ANGIOTENSIN TYPE 2 RECEPTOR MEDIATED PATHWAY

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7 / 24 PLATELET-DERIVED GROWTH FACTOR B: A NOVEL DETERMINANT OF JUXTAGLOMERULAR CELL PHENOTYPIC PLASTICITY?

A. Martini¹, E.C.H. Friesema², A.H.J. Danser², T.L. Reudelhuber³
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7 / 25 ACUTE SALINE LOAD IDENTIFIES SALT SENSITIVE AND RESISTANT HYPERTENSIVE PATIENTS: CLINICAL IMPLICATIONS

C. Lanzani, L. Citterio, M. Simonini, E. Messaggio, E. Cuka, E. Brioni, S. Tentori, S. Delli Carpini, S. Fontana, L. Zagato, N. Casamassima, P. Manunta
Milan, ITALY

7 / 26 REPRODUCIBILITY OF CIRCADIAN BLOOD PRESSURE VARIATIONS IN CHRONIC KIDNEY DISEASE PATIENTS

K. Manousopoulos, A. Lykka, F. Michas, K. Kostogianni, A. Dimitriou, N. Zakopoulos, E. Manios
Athens, GREECE

1 / 27 ASSOCIATION OF NOCTURNAL HYPERTENSION AND NON-DIPPING PATTERN WITH CAROTID ARTERY INTIMA-MEDIA THICKNESS IN CHRONIC KIDNEY DISEASE PATIENTS
K. Manousopoulos, A. Lykka, F. Michas, K. Kostogianni, A. Dimitriou, N. Zakopoulos, E. Manios
Athens, GREECE

1 / 28 HYPERTENSION IN IMMUNOGLOBULIN A NEPHROPATHY PATIENTS: A SINGLE CENTER EXPERIENCE
E. Macioniene, V. Genyte, K. Sablauskas, M. Miglinas
Vilnius, LITHUANIA

1 / 29 BLOOD PRESSURE VARIABILITY IS INCREASING FROM THE FIRST TO THE SECOND DAY OF THE INTERDIALYTIC INTERVAL IN HEMODIALYSIS PATIENTS
A. Karpetas ¹, C. Loutradis ¹, A. Lazaridis ¹, A. Bikos ², G. Tzanis ¹, G. Koutroumpas ³, K. Mavromatidis ¹, V. Liakopoulos ¹, P. Zebekakis ¹, L.M. Ruilope ⁴, G. Parati ⁵, P. Sarafidis ¹
¹ Thessaloniki, ² Katerini, ³ Volos, GREECE, ⁴ Madrid, SPAIN, ⁵ Milan, ITALY

1 / 30 AMBULATORY PULSE WAVE VELOCITY AND AUGMENTATION INDEX PREDICT CARDIOVASCULAR EVENTS AND ALL-CAUSE MORTALITY BETTER THAN OFFICE AND AMBULATORY BLOOD PRESSURE IN HEMODIALYSIS PATIENT
P. Sarafidis ¹, V. Liakopoulos ¹, C. Loutradis ¹, A. Karpetas ¹, A. Piperidou ¹, G. Koutroumpas ², V. Raptis ³, C. Syrgkanis ², G. Efstratiadis ¹, G. London ⁴, C. Zoccali ⁵
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1 / 31 STROKE VOLUME VARIATION PREDICT ACUTE KIDNEY INJURY DURING ABDOMINAL AORTIC ANEURYSM SURGERY
P. Lentini ¹, L. Zanolli ², M. De Cal ¹, A. Granata ³, R. Dell'Aquila ¹
¹ Bassano del Grappa, ² Catania, ³ Agrigento, ITALY

1 / 32 IS RENAL SYSTEM FUNCTION EXAMINED WELL ENOUGH (ACCORDING TO THE RUSSIAN FEDERAL REGISTER OF ARTERIAL HYPERTENSION)
E. Oshchepkova, N. Lazareva, A. Kantorova, I. Chazova
Moscow, RUSSIA

1 / 33 HIGH PREVALENCE OF RENAL DYSFUNCTION AND ALBUMINURIA IN PATIENTS WITH ARTERIAL HYPERTENSION AND DIABETES MELLITUS IN HOSPITAL CLINICAL PRACTICE
V. Kulakov, N. Manukhina, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

1 / 34 GENETIC VARIANT OF ANGIOTENSIN IV RECEPTOR (AT4) AND PLASMA ANGIOTENSIN II CONCENTRATION
T. Konoshita, S. Kaeriyama, M. Urabe, T. Nakaya, M. Yamada, M. Ichikawa, S. Sato, K. Yamamoto, M. Imagawa, M. Fujii, Y. Zenimaru, J. Suzuki, Y. Makino
Fukui, JAPAN

1 / 35 CORRELATION BETWEEN VASCULAR STIFFNESS, 25 HYDROXYVITAMIN D DEFICIENCY AND VASCULAR CALCIFICATION IN HEMODIALYSIS VERSUS PERITONEAL DIALYSIS PATIENTS
R. Kheder-Elfekih, O. Azouz, M. Krid, W. Smaoui, H. Jebali, L. Ben Fatma, S. Beji, L. Rais, K. Zouaghi, F. Ben Hamida
Tunis, TUNISIA

7 / 36 THE PROGNOSTIC ROLE OF STIFFNESS INDEX DETERMINED BY FINGER PHOTOPLETHYSMOGRAPHY IN CHRONIC KIDNEY DISEASE

L. Kesoi, B. Sagi, T. Vas, T. Kovacs, I. Wittmann, J. Nagy
Komló, HUNGARY

Posters' Session PS08

METABOLIC DISORDERS AND SLEEP APNOEA

Chairpersons: V. Kotsis (*Thessaloniki, GREECE*), TBD ROOM **8** POSTERS FROM 1 TO 30

8 / 1 PECULIARITY OF BLOOD PRESSURE PROFILE AND PULSE WAVE VELOCITY IN PATIENTS WITH ARTERIAL HYPERTENSION AND METABOLIC SYNDROME

S. Gurgenyán, S. Vatinian, S. Aroyan, P. Zelveian
Yerevan, ARMENIA

8 / 2 THE INFLUENCE OF IMPAIRMENT OF THE STRUCTURE AND QUALITY OF SLEEP ON LEFT VENTRICULAR REMODELING IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA AND ARTERIAL HYPERTENSION

T. Ustyan, A. Matevosyan, P. Zelveian
Yerevan, ARMENIA

8 / 3 SLEEP BREATHING DISORDERS AS A KEY DETERMINANT FOR DEVELOPMENT OF UNCONTROLLED ARTERIAL HYPERTENSION

P. Zelveian, A. Matevosyan
Yerevan, ARMENIA

8 / 4 SEVERITY OF THE ABPM HYPERTENSION AND OBSTRUCTIVE SLEEP APNOEA - ARE WE REALLY AWARE OF THE BURDEN?

M. Zdravkovic, S. Hinic, J. Saric, V. Radosavljevic, J. Gavrilovic, S. Klasnja, V. Mudrenovic, T. Jakimov, A. Djokovic, B. Milovanovic, M. Memon, V. Gardijan, A. Aleksic, M. Brajkovic, V. Kalimanovska-Spasojevic
Belgrade, SERBIA

8 / 5 MASKED HYPERTENSION IN SLEEP APNOEA. DO WE REALIZE THE EXTENT OF THE PROBLEM?

M. Zdravkovic, S. Hinic, J. Saric, V. Radosavljevic, J. Gavrilovic, S. Klasnja, V. Mudrenovic, T. Jakimov, A. Djokovic, B. Milovanovic, M. Memon, V. Gardijan, A. Aleksic, M. Brajkovic, V. Kalimanovska-Spasojevic
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8 / 6 EFFECTS OF CONTINUOUS POSITIVE AIRWAY PRESSURE ON CASUAL BLOOD PRESSURE IN PATIENTS WITH SLEEP APNOEA SYNDROME. IS CPAP ABLE TO IMPROVE BLOOD PRESSURE?

T. Wago, S. Tanaka
Yokohama, JAPAN

8 / 7 DIFFERENCES IN CARDIAC REMODELING, COMORBIDITIES AND TREATMENT OF HYPERTENSIVE PATIENTS WITH AND WITHOUT TYPE 2 DIABETES MELLITUS

A. Vintila, M. Dobrovie, D. Vasiliu, M. Horumba, V. Vintila
Bucharest, ROMANIA

8 / 8 ASSOCIATION OF CYSTATIN C WITH PREDIABETES

L. Vigil, R. García-Carretero, C. Rodriguez De Castro, M. Varela, A. Colás, B. Vargas, M. Lopez Jimenez
Móstoles, SPAIN

8 / 9 METABOLIC SYNDROME, SERUM URIC ACID AND RENAL RISK IN PATIENTS WITH TYPE 2 DIABETES

F. Viazzi¹, P. Piscitelli², C. Giorda³, A. Ceriello^{4,5}, S. Genovese⁵, G. Russo⁶, P. Guida⁷, P. Fioretto⁸, S. De Cosmo², R. Pontremoli¹
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8 / 10 ASSOCIATION OF CYSTATIN C AND CAROTID ATHEROSCLEROSIS IN PATIENTS WITH DIABETES TYPE 2

V. Vasilkova¹, T. Mokhort², E. Naumenko¹
¹ Gomel, ² Minsk, BELARUS

8 / 11 HYPERHOMOCYSTEINEMIA AND CARDIOVASCULAR RISKS IN PATIENTS WITH DIABETES TYPE 2 AND CHRONIC KIDNEY DISEASE

V. Vasilkova¹, T. Mokhort², E. Naumenko¹, M. Zmailik¹
¹ Gomel, ² Minsk, BELARUS

8 / 12 INFLUENCE OF TELMISARTAN AND AMLODIPINE COMBINATION ON BLOOD PRESSURE AND ECHOCARDIOGRAPHIC PARAMETERS IN PATIENTS WITH METABOLIC SYNDROME

J. Uzokov, A. Alyavi, B. Alyavi
Tashkent, UZBEKISTAN

8 / 13 EFFECTS OF MULTIELECTRODE RENAL DENERVATION ON SYMPATHETIC NERVE ACTIVITY AND INSULIN RESISTANCE IN METABOLIC SYNDROME

K. Dimitriadis, C. Tsioufis, A. Kasiakogias, T. Kalos, G. Liatakis, L. Nikolopoulou, E. Koutra, D. Konstantinidis, E. Andrikou, D. Tousoulis
Athens, GREECE

8 / 14 PREVALENCE OF ATHEROSCLEROSIS AND ARTERIAL STIFFNESS IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

E. Troitskaya, E. Starostina, Z. Kobalava
Moscow, RUSSIA

8 / 15 CONSISTENTLY HIGHER RISK OF HYPERTENSION IN CHINESE METABOLICALLY HEALTHY AND ABNORMAL OBESE INDIVIDUALS: A COMPREHENSIVE STUDY USING 5 DEFINITIONS OF METABOLIC ABNORMALITY

S. Tian, X. Zhang, Y. Xu, H. Dong
Dalian, CHINA

8 / 16 EFFECT ON THE LIPIDIC PARAMETERS OF AN INTERVENTION TO REDUCE WEIGHT IN PATIENTS WITH OVERWEIGHT AND OBESITY

P. Tarraga Lopez ¹, J.M. Panisello Royo ², J. Carbayo Herencia ¹, M.I. Tarraga Marcos ¹, C. Celada Roldan ³, I. M. Sadek ¹, R. Salmeron Rios ¹, M.J. Villar Inarejos ¹, E. Castell Panisello ²
¹ Albacete, ² Barcelona, ³ Cartagena, SPAIN

8 / 17 COMPARISON OF FOUR QUESTIONNAIRES IN EVALUATING THE PREVALENCE OF HIGH INDEX OF CLINICAL SUSPICION OF OSA IN TREATED HYPERTENSIVE PATIENTS. DATA FROM THE POL-FOKUS STUDY

P. Talarowska ¹, J. Wolf ², A. Prejbisz ¹, M. Klocek ³, J. Gasowski ³, R. Topor-Madry ³, W. Lesniak ³, D. Czarnecka ³, K. Kawecka-Jaszcz ³, K. Narkiewicz ², A. Januszewicz ¹
¹ Warsaw, ² Gdansk, ³ Krakow, POLAND

8 / 18 THE INFLUENCE OF METABOLIC SYNDROME ON LEFT VENTRICULAR MECHANICS: COULD MULTILAYER STRAIN HELP?

M. Tadic ¹, C. Cuspidi ², V. Vukomanovic ¹, S. Ilic ¹, B. Ivanovic ¹, B. Pencic ¹, V. Celic ¹
¹ Belgrade, SERBIA, ² Milan, ITALY

8 / 19 THE RELATIONSHIP BETWEEN OBESITY AND VISIT-TO-VISIT VARIABILITY IN SYSTOLIC BLOOD PRESSURE: A 30-MONTHS PROSPECTIVE FOLLOW-UP STUDY

S. Stojanovic ¹, M. Deljanin Ilic ¹, S. Ilic ¹, N. Tasic ², D. Tasic ², B. Ilic ¹, D. Petrovic ¹, D. Dragisic ², D. Simonovic ¹
¹ Niš, ² Belgrade, SERBIA

8 / 20 PREVALENCE OF ATHEROSCLEROSIS AND ARTERIAL STIFFNESS IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

E. Starostina, E. Troitskaya, Y. Kotovskaya, Z. Kobalava
 Moscow, RUSSIA

8 / 21 RELATIONSHIP OF METABOLIC SYNDROME AND RISK OF DEVELOPING CARDIOVASCULAR DISEASE AND DIABETES FOR POPULATION OF KAZAKHSTAN

M. Sorokina, B. Koichubekov, Y.E. Laryushina, L. Turgunova, R. Bakirova
 Karaganda, KAZAKHSTAN

8 / 22 METABOLIC SYNDROME PREVALENCE AMONG KAZAKHSTAN'S POPULATION

M. Sorokina, B. Koichubekov, Y.E. Laryushina, L. Turgunova, R. Bakirova, I. Korshukov
 Karaganda, KAZAKHSTAN

8 / 23 THE LOCAL ARTERIAL STIFFNESS IN PATIENTS WITH ARTERIAL HYPERTENSION IN GROUP WITH VERY HIGH RISK

E. Shorikov, D. Shorikova
 Chernivtsi, UKRAINE

8 / 24 IMPACT OF WEIGHT LOSS ON CARDIOVASCULAR RISK IN MORBIDLY OBESE PATIENTS

A. Shkroba, O. Mitchenko, A. Lavryk
 Kiev, UKRAINE

8 / 25 THE EFFECT OF ANTYHYPERTENSION THERAPY ON SERUM ADIPONECTIN, RETINOL-BINDING PROTEIN 4 AND LIPOCALIN 2 IN PATIENTS WITH TYPE 2 DIABETES

V. Shishkova
 Moscow, RUSSIA

8 / 26 THE PREVALENCE OF PROTHROMBOTIC ALTERATIONS IN COAGULANT AND ANTICOAGULANT SYSTEMS AMONG PATIENTS WITH DIABETES

V. Shishkova
Moscow, RUSSIA

8 / 27 PREVALENCE AND CLINICAL BACKGROUND OF ATRIAL FIBRILLATION IN JAPANESE TYPE 2 DIABETES

A. Sato, S. Ootake, Y. Uchigata
Tokyo, JAPAN

8 / 28 IMPORTANCE OF INCREASED AORTIC STIFFNESS AS PREDICTOR OF DEVELOPMENT AND PROGRESSION OF DIABETIC KIDNEY DISEASE: THE RIO DE JANEIRO TYPE 2 DIABETES COHORT STUDY

C.R.L. Cardoso, N.C. Leite, G. Salles
Rio de Janeiro, BRAZIL

8 / 29 MARKED INSULIN RESISTANCE IN FAT CELLS OF SUBJECTS WITH INCREASED CARDIOVASCULAR RISK

M. Ryden, P. Arner
Stockholm, SWEDEN

8 / 30 DIABETES MELLITUS IN HYPERTENSIVE PATIENT. SYNONYM OF CARDIOVASCULAR RISK INCREASE?

M. Freixa, A. Ferreira Simões, J. Rodrigues, S. Úria, G. Silva
Lisbon, PORTUGAL

Posters' Session PS09

LARGE ARTERIES AND MICROCIRCULATION

Chairpersons: B. Spronck (Sidney, AUSTRALIA), TBD ROOM 9 POSTERS FROM 1 TO 33

9 / 1 A COMPARATIVE ANALYSIS OF LARGE ARTERIES STIFFNESS OF SYSTEMIC CIRCULATION IN PATIENTS WITH IDIOPATHIC PULMONARY ARTERIAL HYPERTENSION, WITH ARTERIAL HYPERTENSION AND HEALTHY

I. Zhyvlyo
Kiev, UKRAINE

9 / 2 FOR A COMPARABLE AORTIC PWV, THE ARTERIAL PHENOTYPE IS DIFFERENT BETWEEN PATIENTS WITH ULCERATIVE COLITIS AND CHRONIC KIDNEY DISEASE

L. Zanolì¹, P. Boutouyrie², P. Lentini³, A. Granata⁴, S. Laurent², L.S. Malatino¹, P. Castellino¹
¹ Catania, ITALY, ² Paris, FRANCE, ³ Bassano del Grappa, ⁴ Agrigento, ITALY

9 / 3 CONCORDANCE BETWEEN TWO FORMS OF ARTERIAL STIFFNESS REGISTER AND CORRELATION WITH BRACHIAL AND CENTRAL BLOOD PRESSURE

S. Yun Viladomat, E. Acosta Francisco, A. de la Sierra
Terrassa, SPAIN

9 / 4 REFERENCE VALUES OF CARDIO-ANKLE VASCULAR INDEX IN A RANDOM SAMPLE OF A CAUCASIAN POPULATION

P. Wohlfahrt, R. Cifkova, N. Movsisyan, S. Kunzova, J. Lesovsky, M. Homolka, V. Soska, P. Dobsak, L. Lopez-Jimenez, O. Sochor
Brno, CZECH REPUBLIC

9 / 5 THE POLISH REGISTRY FOR FIBROMUSCULAR DYSPLASIA (ARCADIA-POL STUDY) – DISTRIBUTION OF VASCULAR BED INVOLVEMENT AND COMPLICATIONS IN PATIENTS WITH FIBROMUSCULAR DYSPLASIA

E. Warchol-Celinska¹, K. Hanus¹, E. Florczak¹, A. Prejbisz¹, M. Januszewicz¹, I. Michalowska¹, L. Swiatlowski², P. Talarowska¹, H. Janaszek-Sitkowska¹, L. Stryczynski³, M. Protasiewicz⁴, A. Niemirska¹, M. Litwin¹, K. Grygiel¹, K. Madej¹, S. Nazarewski¹, A. Witkowski¹, M. Szczerbo-Trojanowska², A. Tykarski³, A. Januszewicz¹
¹ *Warsaw*, ² *Lublin*, ³ *Poznan*, ⁴ *Wroclaw, POLAND*

9 / 6 ASSOCIATION OF ALBUMINURIA WITH CENTRAL BLOOD PRESSURE AND WITH PULSE WAVE VELOCITY IN PATIENTS WITH ESSENTIAL HYPERTENSION

L. Vigil, R. García-Carretero, C. Rodriguez De Castro, M. Varela, A. Colás, B. Vargas, M. Lopez Jimenez
Móstoles, SPAIN

9 / 7 PRELIMINARY DATA ABOUT ARTERIAL STIFFNESS (AS) IN HAEMODIALYZED PATIENTS (HDP) AND HEALTHY SUBJECTS (HS)

L. Vernaglione, P. Covella, B. Di Renzo
Brindisi, ITALY

9 / 8 HEART STRUCTURE AND VASCULAR FUNCTION IN YOUNG PATIENTS AFTER ENDOVASCULAR REPAIR FOR BLUNT THORACIC AORTIC INJURY

P. Vallerio, I. D'Alessio, A. Maloberti, M. Varrenti, S. Maggioni, V. Cantu, M. Carbonaro, M.C. Ferrara, E. Spada, B. Palmieri, A. Lista, C. Giannattasio
Milan, ITALY

9 / 9 IMPROVEMENT OF ENDOTHELIAL GLYCOCALYX AND AORTIC STIFFNESS AFTER ONE YEAR OF SUCCESSFUL TREATMENT IN UNTREATED PATIENTS WITH ESSENTIAL HYPERTENSION

E. Triantafyllidi, S. Vlachos, D. Vlastos, D. Benas, I. Ikonomidis, M. Varoudi, A. Schoinas, J. Lekakis
Athens, GREECE

9 / 10 HEART RATE REDUCTION DOES NOT LEAD TO AN INCREASE IN CENTRAL BLOOD PRESSURE IN SICK SINUS SYNDROME PATIENTS WITH PERMANENT PACEMAKERS

T. Teeäär, M. Serg, J. Kals, M. Zilmer, J. Eha, P. Kampus
Tartu, ESTONIA

9 / 11 AORTIC PRESSURE WAVE REFLECTION IN YOUNG INDIVIDUALS: DIURNAL VARIATION, DETERMINANTS AND ASSOCIATION WITH TARGET-ORGAN DAMAGE

A. Kollias, A. Ntineri, A. Destounis, G. Servos, D. Georgakopoulos, I. Moyssakis, A. Vazeou, G.S. Stergiou
Athens, GREECE

9 / 12 PROGNOSTIC ROLE OF STRUCTURAL CHANGES OF LARGE ARTERIES AND PERIPHERAL BLOOD FLOW IN PATIENTS WITH CHRONIC HEART FAILURE

I. Shkurat
Kiev, UKRAINE

9 / 13 ARTERIAL HYPERTENSION AND LEFT VENTRICULAR REMODELING IN PATIENTS WITH ABDOMINAL AORTIC ANEURISM AND AORTO-ILLIAC OCCLUSIVE DISEASES WHO UNDERWENT ELECTIVE SURGERY

N. Sharashidze, I. Botchorishvili, Z. Pagava, N. Pargalava, G. Saatashvili
Tbilisi, GEORGIA

9 / 14 THERAPEUTIC POSSIBILITIES OF ENHANCEMENT CAPILLARIZATION TISSUES IN ELDERLY PATIENTS WITH ESSENTIAL HYPERTENSION

I. Shapovalenko, E. Parasuk, V. Zharinova
Kiev, UKRAINE

9 / 15 CHRONIC HEMODIALYSIS CONTRIBUTES TO INCREASED ARTERIAL STIFFNESS AND TO IMPAIRED DIASTOLIC FUNCTION IN PATIENTS WITH END-STAGE RENAL DISEASE AFTER SIXTY MONTHS OF TREATMENT

V. Calvez, M. Palladino, V. Cesario, F. Brogna, C. Fofi, G.M. Ciavarella, G. Punzo, M. Volpe, C. Savoia
Rome, ITALY

9 / 16 INFLUENCE OF CHRONIC HEPATITIS C AND HYPERTENSION IN THE ARTERIAL DISTENSIBILITY

P. Alcântara, F. Serejo, C. Alcântara, F. Veloso, C. Santos Moreira
Lisbon, PORTUGAL

9 / 17 REPRODUCIBILITY OF THE EVALUATION OF THE WALL TO LUMEN RATIO OF RETINAL ARTERIOLES WITH TWO DIFFERENT NON-INVASIVE APPROACHES: SCANNING LASER-DOPPLER FLOWMETRY AND ADAPTIVE OPTICS

C. De Ciuceis, M.A. Coscignano, S. Caletti, C. Rossini, S. Duse, F. Docchio, S. Pasinetti, F. Zambonardi, F. Semeraro, G. Sansoni, C. Agabiti Rosei, P. Pileri, E. Agabiti Rosei, D. Rizzoni
Brescia, ITALY

9 / 18 CANRENONE DECREASES SYSTEMIC ARTERIAL STIFFNESS IN ESSENTIAL HYPERTENSIVES

M. Rescaldani, E. Gherbesi, G. Bolla, M. Vanasia, C. Sala, F. Lombardi
Milan, ITALY

9 / 19 LONG-TERM WELL-CONTROLLED BLOOD PRESSURE LEVELS AND CAROTID ELASTICITY IN YOUNG HYPERTENSIVE SUBJECTS

M. Puato¹, M. Rattazzi², R. Pesavento¹, C. Fania¹, P. Palatini¹, P. Pauletto²
¹ Padua, ² Treviso, ITALY

9 / 20 AMBULATORY VASCULAR INDEX: A NOVEL MEASURE OF ARTERIAL STIFFNESS IN AMBULATORY CONDITIONS OVER THE 24-HOUR

I. N. Posokhov¹, T. Pereira², S. Omboni³
¹ Nizhniy Novgorod, RUSSIA, ² Coimbra, PORTUGAL, ³ Varese, ITALY

9 / 21 PULSE WAVE VELOCITY WITHOUT PREVIOUS CARDIOVASCULAR EVENTS
S. Pinto, J. Pires, F. Ferreira, M. Teixeira, V. Ribau, C. Neves, J. Mesquita Bastos
Aveiro, PORTUGAL

9 / 22 PULSE PRESSURE AMPLIFICATION USING 24-HOUR AMBULATORY BLOOD PRESSURE
M. Pikilidou¹, E. Papakonstantinou¹, M. Antoniou¹, M. Yavropoulou¹, L. Hadjistavri¹, G. Kladas¹, P. Georgianos¹, A. Ptinopoulou², P. Zebekakis¹
¹ Thessaloniki, GREECE, ² Glasgow, UNITED KINGDOM

9 / 23 SMOKING ACCELERATES WAVE REFLECTIONS IN PREHYPERTENSIVE INDIVIDUALS
P. Pietri, C. Vlachopoulos, D. Terentes-Printzios, C. Georgakopoulos, C. Stefanadis
Athens, GREECE

9 / 24 CAROTID PRESSURE WAVE ANALYSIS: IS IT INDIFFERENT TO MEASURE IN THE LEFT OR IN RIGHT CAROTID ARTERY?
T. Pereira, S. Domingues, J. Maldonado, J. Conde
Coimbra, PORTUGAL

9 / 25 DEVICES FOR THE NON-INVASIVE ASSESSMENT OF AORTIC PULSE WAVE VELOCITY: EVALUATION OF SHORT-TERM REPEATABILITY
A. Grillo¹, F. Scalise², F. Moretti¹, M. Rovina³, L. Salvi⁴, L. Gao⁵, C. Baldi³, A. Faini¹, S. Millasseau⁶, R. Carretta³, P. Salvi¹, G. Parati¹
¹ Milan, ² Monza, ³ Trieste, ⁴ Pavia, ITALY, ⁵ Beijing, CHINA, ⁶ Saint-Leu-la-Forêt, FRANCE

9 / 26 RADIATION-INDUCED VASCULAR DAMAGE IN HODGKIN LYMPHOMA SURVIVORS
A. Paini, M. Salvetti, M. Buglione, F. Trevisan, L. Baushi, S.M. Magrini, M.L. Muiesan
Brescia, ITALY

9 / 27 DYNAMICS OF PARAMETERS OF CENTRAL PRESSURE DURING THE THERAPY WITH DIFFERENT DOSES OF ATORVASTATIN IN PATIENTS WITH STEMI
A. Khromova, L. Salyamova, N. Burko, V. Oleynikov
Penza, RUSSIA

9 / 28 FEATURES OF LOCAL VASCULAR STIFFNESS IN PATIENTS WITH CORONARY HEART DISEASE AND ARTERIAL HYPERTENSION
L. Salyamova, A. Khromova, E. Melnikova, V. Oleynikov
Penza, RUSSIA

9 / 29 DISTRIBUTION OF CENTRAL AORTIC PRESSURE VALUES AND HIDDEN CENTRAL HYPERTENSION IN A LARGE COHORT OF ARGENTINA
S. Obregon, M. Koretzky, F. Botto, A. Di Leva, G. Fischer Sohn, J.H. Bang, C. Kotliar
Pilar, ARGENTINA

9 / 30 AN EXTENDED ONE-DIMENSIONAL ARTERIAL NETWORK MODEL FOR THE SIMULATION OF PRESSURE AND FLOW IN UPPER AND LOWER LIMB EXTREMITIES
H. Obeid¹, N. Stergiopoulos³, M. Hallab⁴, P. Boutouyrie², S. Laurent², P. Segers¹
¹ Ghent, BELGIUM, ² Paris, FRANCE, ³ Lausanne, SWITZERLAND, ⁴ Nantes, FRANCE

9 / 31 CALCULATION OF CENTRAL BLOOD PRESSURE BY ANALYZING THE CONTOUR OF THE PHOTOPLETHYSMOGRAPHIC PULSE MEASURED AT THE FINGER WITH THE POPMÈTRE® DEVICE

H. Obeid¹, H. Khettab¹, M. Hallab², M. Feuilloy³, P. Boutouyrie¹, S. Laurent¹
¹ Paris, ² Nantes, ³ Boulaye, FRANCE

9 / 32 NEUROGENIC, MYOGENIC AND ENDOTHELIAL FLAXMOTIONS IN PATIENTS WITH ARTERIAL HYPERTENSION

V. Podzolkov, T. Safronova, D. Natkina
Moscow, RUSSIA

9 / 33 THE EFFECTS OF SMOKING ON CENTRAL BLOOD PRESSURE IN MIDDLE-AGED AND ELDERLY JAPANESE INDIVIDUALS

N. Nagatomo, N. Miyai, Y. Okano, M. Morishita, Y. Uchikawa, M. Yamamoto, M. Shimabukuro, K. Mure, M. Utsumi, T. Takeshita, M. Arita
Wakayama, JAPAN

Posters' Session PS10

ATHEROSCLEROSIS

Chairpersons: A. Brady (*Glasgow, UNITED KINGDOM*), ROOM **10** POSTERS FROM **1** TO **21**
A.F.G. Cicero (*Bologna, ITALY*)

10 / 1 HIGH INFLAMMATORY ACTIVITY IS A POSSIBLE PREDICTOR OF ARTERIAL STIFFNESS INCREASE IN PATIENTS WITH RHEUMATOID ARTHRITIS

S. Velmakin, O. Lukina, E. Troitskaya, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

10 / 2 METABOLIC SYNDROME PRECIPITATES DETERIORATION OF ENDOTHELIAL FUNCTION IN YOUNG ADULTS

D. Terentes-Printzios, C. Vlachopoulos, P. Xaplanteris, N. Ioakeimidis, A. Angeis, C. Georgakopoulos, P. Pietri, N.P. Skliros, D. Tousoulis
Athens, GREECE

10 / 3 ASSOCIATION BETWEEN N-TERMINAL PRO-BRAIN NATRIURETIC PEPTIDE AND MARKERS OF INFLAMMATION IN YOUNG HEALTHY ADULTS

A. Sorokina, Y. Orlova
Moscow, RUSSIA

10 / 4 FLOW-MEDIATED VASODILATORY RESPONSE IN PATIENTS WITH CHRONIC HEART FAILURE

I. Shkurat
Kiev, UKRAINE

10 / 5 PROGNOSIS AND PREDICTORS OF ARTERIAL HYPERTENSION IN PATIENTS WITH SYSTEMIC SCLEROSIS IN FIVE-YEAR FOLLOW-UP

V. Semenov, T. Lysunets, O. Kuryata
Dnipro, UKRAINE

10 / 6 IN HYPERTENSIVE PATIENTS, URIC ACID IS ASSOCIATED WITH INFLAMMATION, ENDOTHELIAL DYSFUNCTION AND ADVERSE OUTCOME

H. Rus, C. Dascalescu, E. Grancea, V. Benta
Brasov, ROMANIA

10 / 7 HYPERTENSION IN SYSTEMIC LUPUS ERYTHEMATOSUS: ABOUT 40 CASES

I. Rachdi, H. Zoubeidi, Z. Aydi, F. Daoud, L. Baili, B. Ben Dhaou, F. Boussema
Tunis, TUNISIA

10 / 8 SUBCLINICAL ATHEROSCLEROSIS AND BLOOD PRESSURE LEVELS DURING 5 YEARS OF ANTI-TNFALPHA TREATMENT IN PSORIATIC ARTHRITIS PATIENTS

M. Puato¹, R. Pesavento¹, M. Rattazzi², A. Ortolan¹, R. Ramonda¹, P. Pauletto²
¹ Padua, ² Treviso, ITALY

10 / 9 COMPARISON OF THE DETRIMENTAL EFFECT OF PSORIASIS AND RHEUMATOID ARTHRITIS MEASURED ON CENTRAL HAEMODYNAMIC PARAMETERS IN PREVALENT OVERWEIGHT-OBESITY AND HYPERTENSIVE POPULATION

C. Paterno Marchioli
Foggia, ITALY

10 / 10 EARLY VASCULAR AGEING SYNDROME PREVALENCE IN RUSSIAN POPULATION

A. Orlov, M. Boyarinova, O. Rotar, A. Alieva, E. Moguchaya, V. Solntsev, A. Konradi
Saint-Petersburg, RUSSIA

10 / 11 ENDOTHELIAL (DYS)FUNCTION IN PATIENTS WITH HYPERTENSION AND RESISTANT HYPERTENSION - PROFOUND VASOCONSTRICTION OR IMPROPER VASODILATION? PILOT RESULTS

J. Novák, P. Kruzliak, M. Blaha, J. Spac, I. Rihacek, J. Tomandl, K. Budinskaya, J. Svacinova, Z. Novakova, M. Soucek
Brno, CZECH REPUBLIC

10 / 12 PATTERNS OF MATRIX METALLOPROTEINASES AND TISSUE INHIBITORS OF METALLOPROTEINASES GENES EXPRESSION IN CHILDREN WITH PRIMARY HYPERTENSION

A. Niemirska, J. Trojanek, J. Michalkiewicz, P. Halat, A. Wierzbicka, L. Obrycki, M. Litwin
Warsaw, POLAND

10 / 13 FREQUENT EXACERBATIONS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ATHEROSCLEROSIS: WHAT RELATIONSHIP?

A. Namitkov, H. Kosmacheva, V. Zafiraki, V. Porhanov
Krasnodar, RUSSIA

10 / 14 THE RELATIONSHIP BETWEEN LEFT VENTRICULAR REMODELING PATTERN AND NITRIC OXIDE LEVEL IN PATIENTS WITH ESSENTIAL HYPERTENSION

V. Podzolkov, A. Bragina, M. Pisarev, N. Murashko
Moscow, RUSSIA

10 / 15 URIC ACID AND PRO-INFLAMMATORY/PRO-THROMBOTIC STATE IN HYPERTENSIVE PATIENTS. DIFFERENCES BETWEEN MEN AND WOMEN STRATIFIED BY THE MENOPAUSAL STATUS

C. Liakos, E. Karpanou, C. Grassos, M. Markou, G. Vyssoulis, D. Tousoulis
Athens, GREECE

10 / 16 RHEUMATOID ARTHRITIS PATIENTS WITH ARTERIAL HYPERTENSION HAVE HIGH PREVALENCE OF CARDIOVASCULAR RISK FACTORS

L. Krougly, O. Fomicheva, Y. Karpov, T. Popkova, E. Nasonov
Moscow, RUSSIA

10 / 17 SUBCLINICAL ATHEROSCLEROSIS IN A POPULATION OF HYPERTENSIVE PATIENTS FOLLOWED AT THE CARDIOLOGY INSTITUTE OF ABIDJAN

C. Konin, E. Soya, J.J. N'djessan, H. Yao, E. Monney, R. Takogue, E. Kouame
Abidjan, IVORY COAST

10 / 18 INTERLEUKIN-6 IN HYPERTENSIVE PATIENTS WITH PREDIABETES

O. Kochubiei, T. Ashcheulova, O. Kovalyova
Kharkiv, UKRAINE

10 / 19 VALIDITY AND REPEATABILITY OF A NEW REACTIVE HYPEREMIA INDEX USING CALIBRATED PULSE-VOLUME RECORDING IN EVALUATION OF ENDOTHELIAL FUNCTION

S. Kim, J.B. Park
Seoul, SOUTH KOREA

10 / 20 IMBALANCE BETWEEN T REGULATORY AND TH17 LYMPHOCYTE SUBSETS IN PATIENTS WITH RESISTANT HYPERTENSION AND PRIMARY ALDOSTERONISM

A. Kaszuba¹, A. Konior², T. Mikołajczyk², A. Prejbisz¹, A. Januszewicz¹, T. Guzik³
¹ *Warsaw*, ² *Krakow, POLAND*, ³ *Glasgow, UNITED KINGDOM*

10 / 21 GALECTIN-3 AND THE RISK OF ATHEROSCLEROTIC LESIONS OF CAROTID ARTERIES IN PATIENTS WITH METABOLIC SYNDROME

V. Ionin, E. Baranova, E. Zaslavskaya, E. Bazhenova, E. Polyakova, I. Ma, O. Belyaeva, E. Shlyakhto
Saint-Petersburg, RUSSIA

Late-Breaker Posters

SESSION 1

Chairperson: A. Persu (*Brussels, BELGIUM*)

ROOM **11** POSTERS FROM **1** TO **33**

11 / 1 INTRAVENOUS VITAMIN C AND ITS ROLE IN METABOLIC SYNDROME PREVENTION

¹ A. Medvedeva, ² N. Mikirova
¹ *Marbella, SPAIN*, ² *Wichita, KS, USA*

11 / 2 ASSESSMENT OF ANTICOAGULATION TREATMENT IN PATIENTS DIAGNOSED WITH ATRIAL FIBRILLATION IN A BASIC HEALTH AREA. ACAP STUDY

B. Aguilera-Alcaraz¹, J. Abellan-Huerta², C. Ariza-Copado¹, J. Carbayo-Herencia³, J.J. Martínez-Díaz³, F. Hernández-Menárguez³, J. Mroz¹, J. Abellan-Alemán³
¹ *Cartagena*, ² *Albacete*, ³ *Murcia, SPAIN*

11 / 3 COMPARISON OF THE SPHYGMOCOR XCEL WITH APPLANATION TONOMETRY FOR CENTRAL PRESSURE ASSESSMENT IN CHILDREN AND ADOLESCENTS

S. Stabouli, C. Zervas, N. Printza, J. Dotis, K. Chrysaidou, O. Maliachova, C. Antza, V. Kotsis, F. Papachristou
Thessaloniki, GREECE

11 / 4 PREVALENCE OF NOCTURNAL HYPERTENSION AND NON-DIPPING PATTERN OF BLOOD PRESSURE IN PATIENTS EXAMINED IN HISPA CENTER KRAGUJEVAC, SERBIA

D. Dragisic ¹, M. Petrovic ², M. Vuleta ², G. Davidovic ², V. Iric Cupic ², J. Vuckovic ², N. Tasic ¹, S. Milanov ²
¹ Belgrade, ² Kragujevac, SERBIA

11 / 5 TO DETERMINE THE INFLUENCE OF MENOPAUSE ON BLOOD PRESSURE IN WOMEN

E. Koseler, M. Saka, M. Yilmaz
Ankara, TURKEY

11 / 6 INVESTIGATION OF FACTORS IMPACTING BLOOD PRESSURE ON THE SHORT TERM, BASED ON A COHORT OF USERS OF CONNECTED DEVICES

A. Chieh ¹, E. Roitmann ¹, O. Bellahsen ¹, E. Helander ²
¹ Paris, FRANCE, ² Tampere, FINLAND

11 / 7 ALLIANCE STUDY: EVALUATION OF THE EFFICIENCY FOR IMPLEMENTATION FIXED ANTIHYPERTENSIVE DRUG COMBINATION OF LISINAPRIL/AMLODIPINE IN PATIENTS WITH ESSENTIAL ARTERIAL HYPERTENSION

S. Sjarkevych, M. Dolzhenko, O. Nudchenko, S. Bondarchuk
Kiev, UKRAINE

11 / 8 VALIDATION OF THE SUNTECH® CT40™ BLOOD PRESSURE MEASUREMENT DEVICE BY THE BHS PROTOCOL AND THE AAMI/ISO 8160-2:2013 STANDARD

H. Polo Friz, V. Punzi, F. Petri, R. Orlandi, D. Maggolini, L. Primitz, G. Vighi
Vimercate, ITALY

11 / 9 ISOLATED NOCTURNAL HYPERTENSION AND NON DIPPING BLOOD PRESSURE: FREQUENT SITUATIONS, STILL UNDER-DIAGNOSED

D. Ouail, M. Tebbani, O. Terra, S. Kheyar, L. Benzaid, D. Si Ahmed, F. Bouali
Béjaia, ALGERIA

11 / 10 EFFETS OF RAMADAN FASTING ON THE DIPPER STATUS IN HYPERTENSIVE PATIENTS

K. Mzoughi, I. Zairi, F. Mroua, M. Jabeur, F. Ben Moussa, S. Kamoun, S. Fennira, S. Kraiem
Tunis, TUNISIA

11 / 11 BLOOD PRESSURE LOAD AND BLOOD PRESSURE VARIABILITY AS MARKERS OF POOR CONTROL OF HYPERTENSION

S. Milanov ¹, M. Petrovic ¹, M. Vuleta ¹, G. Davidovic ¹, V. Iric Cupic ¹, J. Vuckovic-Filipovic ¹, D. Dragisic ², N. Tasic ²
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11 / 12 RISK FACTOR PROFILE OF PATIENTS WITH CORONARY ARTERY DISEASE UNDERGOING CORONARY ARTERY BYPASS GRAFT SURGERY AT A TERTIARY CARDIAC CARE UNIT: A DESCRIPTIVE CROSS SECTIONAL STUDY FR

S. Zubair, I.A. Chaudhary, F. Pervaiz, I. Asghar, M. Raza, S. Abbas
Rawalpindi, PAKISTAN

11 / 13 THE USE OF CARDIOVASCULAR PREVENTIVE DRUGS IN SUBJECTS AFTER MYOCARDIAL INFARCTION. A POPULATION BASED STUDY

J. Redon¹, J. Sanchis¹, R. Uso¹, J.L. Trillo¹, A. Fernandez¹, F. Morales¹, D. Orozco², V. Gil²
¹ Valencia, ² Alicante, SPAIN

11 / 14 PHYSIOLOGICAL AND MOLECULAR STUDIES OF RABBIT HEART FED ON CHOLESTEROL REACH DIET

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¹ Bucharest, ² Targu-Mures, ROMANIA

11 / 15 DECREASE OF CARDIOVASCULAR RISK IN HYPERTENSIVE AND HYPERTENSIVE-DIABETIC PATIENTS AFTER A PROGRAM OF PHARMACEUTICAL INTERVENTION

M. Sánchez Macarro¹, J.J. Martínez Díaz², J. Abellán-Huerta³, F.G. Clavel Ruiperez², P. Ramos Ruiz², P. Gómez Jara¹, M. Léalo Hernandez¹, J. Abellan-Alemán¹
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11 / 16 FACTORS RELATED TO LEFT VENTRICULAR HYPERTROPHY IN ONE YEAR FOLLOW-UP OF HEMODIALYSIS PATIENTS

A. Laucyte-Cibulskiene, M. Petrylaityte, M. Gudynaite, D. Sukackiene, M. Petravičiute, L. Rimsevicius, L. Ryliskyte, M. Miglinas, K. Strupas
 Vilnius, LITHUANIA

11 / 17 SEASONAL ARTERIAL STIFFNESS CHANGES IN TREATED HYPERTENSIVE PATIENTS WITH DIFFERENT BLOOD PRESSURE PHENOTYPES

Y. Koshelyaevskaya¹, M. Smirnova¹, V. Gorbunov¹, D. Volkov¹, A. Deev¹, S. Boytsov¹, N. Furman², P. Dolotovskaia², M. Shamiunov²
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11 / 18 CARDIOVASCULAR RISK SCORE IN PATIENTS WITH OSTEOPOROSIS IN ALBANIA

M. Jordhani, V. Duraj, D. Ruci, A. Kollcaku, E. Memlika
 Tirana, ALBANIA

11 / 19 MEDIATION EFFECT OF ABDOMINAL ADIPOSITY BETWEEN SEDENTARY LIFESTYLE AND BLOOD PRESSURE IN GENERAL POPULATION FROM A MIDDLE-INCOME COUNTRY

S. González-Gómez, J. Otero, C. Clausen, V.M. Herrera
 Bucaramanga, COLOMBIA

11 / 20 ASSOCIATION BETWEEN HYPERTENSION AND HEART FAILURE IN PATIENTS WITH CANCER

J. Díaz-Peromingo, A. Hermida Ameijeiras, J. López-Paz, A. González-Quintela
 Santiago de Compostela, SPAIN

11 / 21 ANALYSIS OF THE INFLUENCE OF THE CLASSICAL CARDIOVASCULAR RISK FACTORS IN THE TIMES AND QUALITY INDICATORS IN THE INTRAHOSPITAL CARE FOR ACUTE ISCHEMIC STROKE

E.J. Martínez-Lerma¹, B. Palazón¹, J. Abellán-Huerta^{1,2}, F.G. Clavel Ruiperez^{1,3}, P. Gómez¹, A. Morales¹, E. Carreón¹, C. Sánchez-Vizcaino¹, M. Leal-Hernández¹, J. Abellán-Alemán¹
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11 / 22 COMPARISON OF THE SPHYGMOCOR XCEL DEVICE WITH APPLANATION TONOMETRY FOR PULSE WAVE VELOCITY ASSESSMENT IN CHILDREN AND ADOLESCENTS

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Thessaloniki, GREECE

11 / 23 BLOOD PRESSURE AND VASCULAR PHENOTYPE IN CHILDREN AND ADOLESCENTS WITH SICKLE/BETA-THALASSEMIA

S. Stabouli, M. Economou, N. Printza, A. Teli, J. Dotis, E. Papadopoulou, C. Antza, V. Kotsis, F. Papachristou, D. Zafeiriou
Thessaloniki, GREECE

11 / 24 HOME BLOOD PRESSURE NORMALCY IN NON-EUROPEAN ADOLESCENTS

T. Jardim, C. Carneiro, P. Morais, K. Mendonça, T. Povia, W. Roriz, F. Nascente, W. Barroso, A. Sousa, P. Jardim
Goiania, BRAZIL

11 / 25 ESTIMATION OF DIETARY SALT INTAKE BY 24-H URINE AND ITS ASSOCIATION WITH BLOOD PRESSURE IN CHINESE URBAN CHILDREN

J. Dong, J. Mi
Beijing, CHINA

11 / 26 RECLASSIFICATION OF ELEVATED BLOOD PRESSURE SUBTYPES AND STAGES BASED ON REPEATED MEASUREMENTS AMONG CHINESE SCHOOLCHILDREN

H. Dong, Y. Yan, H. Fan, J. Liu, H. Cheng, X. Zhao, G. Huang, J. Mi
Beijing, CHINA

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X. Florou, M. Chania
Sparta, GREECE

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H. Fan, Y. Yan, J. Mi
Beijing, CHINA

11 / 29 THE INFLUENCE OF ARTERIAL HYPERTENSION ON LEFT VENTRICULAR REMODELING IN PATIENTS WITH ST-ELEVATED MYOCARDIAL INFARCTION

S. Tadic, A. Stojic-Milosavljevic, A. Ilic, R. Jung, S. Stojic, M. Stefanovic, M. Sladojevic, A. Milovancev
Sremska Kamenica, SERBIA

11 / 30 EVOLUTION OF THE BIOMARKER OF ENDOTHELIAL DYSFUNCTION UNDER THE TREATMENT WITH NEBIVOLOL IN PATIENTS WITH ARTERIAL HYPERTENSION AND DIABETES

L. Simionov
Chisinau, REPUBLIC OF MOLDOVA

11 / 31 RELATIONSHIP BETWEEN ACTIVITY OF RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM AND INSULIN RESISTANCE IN UNTREATED ESSENTIAL HYPERTENSION

Q. Luo, J. Hu, M. Wang, M. Li, W. Zhang, N. Li
Urumqi, CHINA

11 / 32 URINARY METABOLIC SIGNATURE OF PRIMARY ALDOSTERONISM: GENDER AND SUBTYPE SPECIFIC ALTERATIONS

A. D'Alessandro¹, A. Lana², F. Morandini³, F. Pizzolo³, F. Zorzi³, P. Mulatero⁴, L. Zolla², O. Olivieri³

¹ Aurora, CO, USA, ² Viterbo, ³ Verona, ⁴ Turin, ITALY

11 / 33 DRUG ADHERENCE AND CLINICAL OUTCOME IN RESPONSE TO PERINDOPRIL/ AMLODIPINE FIXED DOSE COMBINATION IN AN ITALIAN CLINICAL PRACTICE SETTING. THE AMLODIPINE-PERINDOPRIL IN REAL SETTINGS (AMPERES) STUDY

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Chairpersons: G. Desideri (*L'Aquila, ITALY*), J.M. Halimi (*Tours, FRANCE*)

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L. Korostovtseva¹, M. Bochkarev¹, A. Tataraidze², V. Gumenniy¹, E. Yakushenko¹, V. Tikhonenko¹, Y. Sviryaev¹, A. Konradi¹

¹ Saint-Petersburg, ² Moscow, RUSSIA

URIC ACID AND NEW ONSET LEFT VENTRICULAR HYPERTROPHY: FINDINGS FROM THE PAMELA POPULATION

C. Cuspidi¹, R. Facchetti¹, M. Bombelli¹, C. Sala¹, M. Tadic², G. Grassi¹, G. Mancia¹

¹ Milan, ITALY, ² Berlin, GERMANY

ASSOCIATION OF INTER-ARM BLOOD PRESSURE WITH AYSMPTOMATIC INTRACRANIAL AND EXTRACRANIAL ARTERIAL STENOSIS IN HYPERTENSION PATIENTS

Y. Wang, J. Zhang, Y. Qian, X. Tang, H. Ling, K. Chen, Y. Li, P. Gao, D. Zhu
Shanghai, CHINA

THE ROLE OF ARTERIAL HYPERTENSION IN THE DEVELOPMENT OF CHRONIC HEART FAILURE (ACCORDING TO THE RUSSIAN CHF REGISTRY)

N. Lazareva, E. Oshchepkova, S. Tereschenko
Moscow, RUSSIA

IMPACT OF 24-H BLOOD PRESSURE MONITORING ON OBJECTIVE SLEEP DURATION AND FRAGMENTATION IN RESISTANT HYPERTENSIVE PATIENTS

R.M. Bruno, M. Di Galante, T. Banfi, M. Di Pilla, S. Taddei, U. Faraguna
Pisa, ITALY

SLEEVE GASTRECTOMY VS ROUX-EN-Y GASTRIC BYPASS. EFFECT ON METABOLIC COMORBIDITIES

I. Papadakis, K. Stavroulakis, V. Tzikoulis, J. Melissas
Heraklion, GREECE

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A. Shalimova, O. Bilovol, L. Bobronnikova
Kharkiv, UKRAINE

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Chairpersons: E. Dolan (*Dublin, IRELAND*), F. Veglio (*Turin, ITALY*)

ROOM **B**

TREATMENT WITH ESAXERENONE (CS-3150) IS ASSOCIATED WITH A SIGNIFICANT DOSE-DEPENDENT ANTIHYPERTENSIVE EFFECT IN ESSENTIAL HYPERTENSIVE PATIENTS

S. Ito¹, H. Ito², H. Rakugi³, Y. Okuda², S. Yamakawa²
¹ Sendai, ² Tokyo, ³ Osaka, JAPAN

RATE OF MORNING BLOOD PRESSURE SURGE IS A BETTER PREDICTOR THAN AMPLITUDE FOR 20-YEAR ALL-CAUSE AND CARDIOVASCULAR MORTALITIES: RESULTS OF A COMMUNITY-BASED STUDY

H. Cheng¹, S. Sung¹, C. Wu¹, J. Lee¹, K. Kario², C. Chiang¹, P. Hsu¹, S. Chuang³, W. Wang¹, E. Lakatta⁴, F. Yin⁵, P. Chou¹, C. Chen¹
¹ Taipei, TAIWAN, ² Jichi, JAPAN, ³ Miaoli, TAIWAN, ⁴ Baltimore, MD, ⁵ Saint Louis, MO, USA

ACCURACY OF AUTOMATED BLOOD PRESSURE MONITORS IN CHILDREN: A SYSTEMATIC REVIEW

A. Kollias, N. Boubouchairopoulou, A. Ntineri, G.S. Stergiou
Athens, GREECE

THE ANTIHYPERTENSIVE EFFECT OF EMPAGLIFLOZIN IN RATS WITH NON-DIABETIC NEPHROSIS

G. Kim, C. Jo, S. Kim, J. Park
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FEASIBILITY AND EFFICACY OF RENAL DENERVATION THERAPY IN HEMODIALYSIS PATIENTS WITH RESISTANT HYPERTENSION.

F. Scalise, G. Sorropago, C. Auguadro, C. Ballabeni, A. Sorropago, F. Maccario, G. Mancia
Monza, ITALY

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A. Ritter, A. De Faria, A. Sabbatini, N. Barbaro, N. Correa, V. Brunelli, A. Almeida, N. Pires, R. Modolo, H. Moreno
Campinas, BRAZIL

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H. Kai¹, H. Uchiwa¹, Y. Iwamoto¹, K. Fukuda¹, T. Imaizumi²
¹ Kurume, ² Fukuoka, JAPAN

Oral Presentations in Poster Area

EPIDEMIOLOGY AND MANAGEMENT

Chairpersons: P.A. Modesti (*Florence, ITALY*), C. Thomopoulos (*Athens, GREECE*) ROOM **C**

EFFECT OF ACETYLSALICYLIC ACID ON THE MARKERS OF ENDOTHELIAL CELL DYSFUNCTION IN WOMEN WITH GESTATIONAL HYPERTENSION

D. Xydakis¹, E. Antonaki¹, K. Kostakis¹, M. Tzanakakis¹, A. Papadaki², A. Papadogiannakis¹
¹ Heraklion, ² Chania, GREECE

ON THE ORIGIN AND DISAPPEARANCE OF SFLT-1 AND PLGF IN PREECLAMPSIA

L. Saleh, A.H. Van den Meiracker, R. Geensen, J.E. Roeters Van Lennep, J.J. Duvekot, M. Verdonk, E.A.P. Steegers, H. Russcher, A.H.J. Danser, W. Visser
Rotterdam, THE NETHERLANDS

CARDIOVASCULAR RISK AND HYPERTENSION CONTROL IN ITALY. DATA FROM THE 2015 WORLD HYPERTENSION DAY

C. Torlasco¹, A. Faini¹, E. Makil¹, C. Ferri², C. Borghi³, G. Schillaci⁴, F. Veglio⁵, G. Desideri², E. Agabiti Rosei⁶, L. Ghiadoni⁷, P. Pauletto⁸, R. Pontremoli⁹, M. Stornello¹⁰, G. Tocci¹², B. Trimarco¹¹, G. Parati¹
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LONG-TERM IMPACT OF ELEVATED BLOOD PRESSURE IN CHILDHOOD ON ADULT SUBCLINICAL CARDIOVASCULAR DISEASES: EVIDENCE FROM CHINA

Y. Yan, J. Liu, D. Hou, X. Zhao, H. Cheng, J. Mi
Beijing, CHINA

THE ADDED VALUE OF THE BIOMARKERS SFLT-1, PLGF AND THEIR RATIO ON PREDICTION OF PROLONGATION OF PREGNANCY AND MATERNAL AND FOETAL COMPLICATIONS IN (SUSPECTED) PREECLAMPSIA

L. Saleh, Y. Vergouwe, A.H.J. Danser, K. Verdonk, E.A.P. Steegers, H. Russcher, A.H. Van den Meiracker, W. Visser
Rotterdam, THE NETHERLANDS

EFFECT OF COMBINED HORMONAL REPLACEMENT THERAPY ON THE ALDOSTERONE/RENIN RATIO IN POSTMENOPAUSAL WOMEN

A. Ahmed, R.D. Gordon, G. Ward, M. Wolley, B. McWhinney, J. Ungerer, M. Stowasser
Brisbane, AUSTRALIA

ENDOTHELIN RECEPTOR TYPE B-DEFICIENT PREGNANT RATS HAVE EXAGGERATED PLACENTAL ISCHEMIA-INDUCED HYPERTENSION

F. Spradley
Jackson, MS, USA

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MECHANISMS OF HYPERTENSION

Chairpersons: J.K. Cruickshank (*London, UNITED KINGDOM*),
J. Menne (*Hannover, GERMANY*)

ROOM **D**

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Y. Huang, J. Chen, Y. Feng
Guangzhou, CHINA

TUMOR NECROSIS FACTOR-RELATED APOPTOSIS-INDUCING LIGAND (TRAIL) IS ASSOCIATED WITH INFLAMMATION IN YOUNG ADULT SURVIVORS OF CHILDHOOD CANCER

J. Sulicka-Grodzicka, A. Surdacki, K. Rewiuk, T. Grodzicki
Krakow, POLAND

SHORT-TERM AND LONG TERM RELATIONSHIP BETWEEN HEART RATE AND AUGMENTATION INDEX IN YOUNG TO MIDDLE AGE SUBJECTS

F. Saladini¹, C. Fania¹, L. Mos², A. Mazzer³, R. Garbelotto³, D. Ovan³, D. Longo¹, D. Perkovic¹, O. Vriz², P. Palatini¹
¹ Padua, ² Udine, ³ Treviso, ITALY

ATP2B1 VARIANT RS2854371 G/A GENOTYPE ASSOCIATED WITH ASYMPTOMATIC INTRACRANIAL ATHEROSCLEROTIC STENOSIS IN STROKE-FREE HYPERTENSIVE CHINESE

D. An, Y. Wang, P. Gao, D. Zhu
Shanghai, CHINA

PREVALENCE AND CLINICAL PHENOTYPE OF PRIMARY ALDOSTERONISM IN PRIMARY CARE HYPERTENSIVES

S. Monticone¹, J. Burrello¹, D. Tizzani¹, C. Bertello¹, A. Viola¹, F. Buffolo¹, T.A. Williams^{1,2}, F. Rabbia¹, F. Veglio¹, P. Mulatero¹
¹ Turin, ITALY, ² Munich, GERMANY

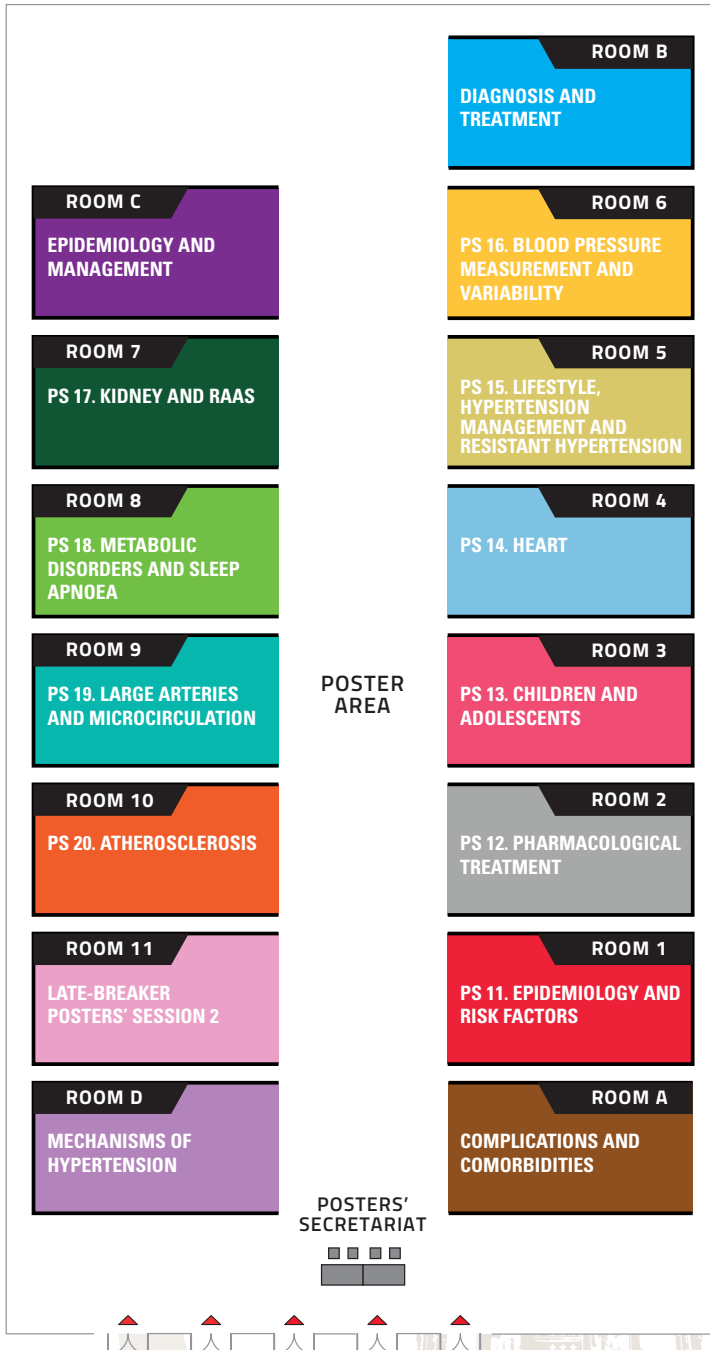
CIRCULATING ENDOTHELIAL-DERIVED APOPTOTIC MICROPARTICLES TO MONONUCLEAR PROGENITOR CELLS RATIO AS A PREDICTOR OF THROMBOEMBOLIC EVENTS IN PATIENTS WITH ACUTELY DECOMPENSATED HEART

A. Berezin, A. Kremzer, T. Berezina
Zaporozhye, UKRAINE

EFFECTS OF A NOVEL INTERACTING MOLECULE WITH AT1 RECEPTOR, ATRAP, ON ANG II-INDUCED PROLIFERATIVE ACTIVITY AND OXIDATIVE STRESS IN VASCULAR SMOOTH MUSCLE CELLS

K. Azuma¹, K. Tamura², T. Taira²
¹ Sagamihara, ² Yokohama, JAPAN

Attended Poster Sessions



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EPIDEMIOLOGY AND RISK FACTORS

Chairpersons: J.J. Segura (*Madrid, SPAIN*),
K. Stolarz-Skrzypek (*Krakow, POLAND*)

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1 / 1 ARE URIC ACID CONCENTRATION, XANTHINE OXIDASE ACTIVITY AND SALT SENSITIVITY INDEX PREDICTORS FOR PRIMARY ARTERIAL HYPERTENSION?

S. Radenkovic¹, G. Kocic¹, D. Stojanovic¹, V. Mitic²
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1 / 2 ORTHOSTATIC HYPOTENSION AND MORTALITY. THE HOMO STUDY

S.M. Velilla-Zancada¹, M. Prieto-Diaz², C. Escobar Cervantes³, L. Manzano-Espinosa³,
E. Ramalle-Gomara⁴, L.A. Vara-Gonzalez⁵
¹ Arnedo, ² Oviedo, ³ Madrid, ⁴ Logroño, ⁵ Santander, SPAIN

1 / 3 PREVALENCE AND CHARACTERISTICS OF THE PATIENTS WITH HYPERTENSION IN THE IBERICAN STUDY

M. Prieto Díaz¹, L. Pinto Pena², M.J. Gomez Gonzalez³, T. Garrote Florencio⁴, C. Piñeiro Díaz⁵,
J.J. Garcia Fernandez⁶, G.D. Zambrana Calvi⁷, A. Alonso Verdugo⁸, M.C. Diez Perez⁹,
A.A. Romero Secin¹⁰
¹ Oviedo, ² Sabadell, ³ Almeria, ⁴ Badajoz, ⁵ A Coruña, ⁶ Pola de Siero, ⁷ Ciudad Real,
⁸ Cuenca, ⁹ Madrid, ¹⁰ Tineo, SPAIN

1 / 4 THE ROLE OF SERUM URIC ACID IN DEVELOPMENT OF HYPERTENSION IN THE BELARUSIAN URBAN POPULATION

O. Podpalova¹, O. Zhurova², N. Balashenko²
¹ Minsk, ² Vitebsk, BELARUS

1 / 5 PATIENTS WITH ESTABLISHED CV DISEASE HAD HIGHER PREVALENCE OF SEVERAL RISK CV INDICATORS, WHEN COMPARED TO HIGH CV RISK POPULATION WITHOUT PREVIOUS EVENT

J. Pires, S. Pinto, M. Teixeira, F. Ferreira, V. Ribau, C. Neves, J. Mesquita Bastos
Aveiro, PORTUGAL

1 / 6 WHAT DO OUR PATIENTS ACTUALLY KNOW ABOUT HYPERTENSION?

F. Abecassis, I. Pintassilgo, P. Beirao, V. Cunha
Almada, PORTUGAL

1 / 7 RENAL DISEASE IN HYPERTENSIVE PATIENTS AS A PREDICTOR OF ATRIAL FIBRILLATION, THROMBOEMBOLISM AND MORTALITY

C. Parsons, F. Shamoun, S. Cha, F. Mookadam
Scottsdale, AZ, USA

1 / 8 RISK OF HYPERTENSION IN GENERAL POPULATION WITH DEPRESSION IN RUSSIA/SIBERIA: GENDER FEATURES. WHO EPIDEMIOLOGICAL PROGRAM MONICA-PSYCHOSOCIAL

V. Gafarov, E. Gromova, D. Panov, I. Gagulin, A. Gafarova, E. Krymov
Novosibirsk, RUSSIA

1 / 9 **CARDIOVASCULAR RISK ASSESSMENT, CLINICAL CHARACTERISTICS, AND COMORBIDITIES OF HOSPITALIZED PATIENTS WITH HYPERTENSION AND ACID-BASE DISORDERS**

D. Olteanu, T. Suta, R. Ungureanu, G.N. Dediu, C. Diaconu, A. Balaceanu
Bucharest, ROMANIA

1 / 10 **CARDIOVASCULAR RISK ASSESSMENT, CLINICAL CHARACTERISTICS, AND COMORBIDITIES OF HOSPITALIZED PATIENTS WITH HYPERTENSION AND ANAEMIA**

D. Olteanu, T. Suta, R. Ungureanu, G.N. Dediu, C. Diaconu, A. Balaceanu
Bucharest, ROMANIA

1 / 11 **DESCRIPTION OF AN HYPERTENSIVE POPULATION**

J. Oliveira Ferreira, I. Tinoco, B. Ferreira
Coimbra, PORTUGAL

1 / 12 **THE STUDY OF SINUS TACHYCARDIA IN PATIENTS WITH HYPERTENSION ASSOCIATED WITH ASTHMA**

E. Tarlovskaya¹, A.A. Odegova², T.I. Chudinovskich²
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1 / 13 **THE FREQUENCY AND COMPLEXITY OF CARDIAC ARRHYTHMIAS IN PEOPLE WITH HYPERTENSION AND METABOLIC SYNDROME**

A. Novakovic¹, L.J. Radevic¹, S. Djokic-Milojevic²
¹ *Niš*, ² *Prokuplje, SERBIA*

1 / 14 **PREVALENCE OF CARDIOVASCULAR DISEASE RISK FACTORS AMONG VISITORS OF HEALTH CENTERS IN 2010-2015**

G. Ivanov, N. Bulanova, M. Nikolaeva, S. Schelykalina, D. Nikolaev
Moscow, RUSSIA

1 / 15 **SEX-DIFFERENCES IN CARDIOVASCULAR RISK FACTORS FOR INCIDENCE OF ACUTE MYOCARDIAL INFARCTION AND CORONARY DEATH IN THE JAPANESE GENERAL POPULATION**

R. Komi¹, F. Tanaka¹, K. Tanno¹, M. Ohsawa¹, K. Sakata¹, M. Ohta¹, A. Okayama², M. Nakamura¹
¹ *Morioka*, ² *Tokyo, JAPAN*

1 / 16 **ETHNIC DIFFERENCES IN HYPERTENSION PREVALENCE, AWARENESS, TREATMENT AND CONTROL IN THE THREE COUNTRIES: RUSSIA, KYRGYZSTAN, KAZAKHSTAN**

A. Myrzamatova¹, A. Kontsevaya¹, A. Polupanov², A. Halmatov², Y. Iskakov³, A. Kashirin⁴, K. Alikhanova³, A. Altymysheva², Y. Balanova¹
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1 / 17 **CARDIOVASCULAR DISEASE RISK FACTORS AMONG MALE YOUTHS IN SOUTHERN SWITZERLAND: A TRANSVERSAL STUDY**

E. Muggli¹, A. Rabuffetti^{2,3}, G.D. Simonetti^{2,3}, M.G. Bianchetti^{2,3}, A. Gallino²
¹ *Monte Ceneri*, ² *Bellinzona*, ³ *Berna, SWITZERLAND*

1 / 18 **CROSSTALK BETWEEN VITAMIN D, LDL, HIGH SENSITIVITY C REACTIVE PROTEIN AND CARDIOVASCULAR RISK IN HYPERTENSIVE PATIENTS**

I. Mozos, D. Jianu, R. Patrascu, D. Stoian, E. Posiar
Timisoara, ROMANIA

1 / 19 SYSTOLIC BLOOD PRESSURE AND PULSE PRESSURE AMPLIFICATION IN SMOKERS

I. Mozos, D. Stoian, S. Gligor
Timisoara, ROMANIA

1 / 20 VITAMIN D IN HYPERTENSIVE PATIENTS

I. Mozos, D. Jianu, R. Patrascu, E. Posiar
Timisoara, ROMANIA

1 / 21 PREVALENCE OF RESISTANT AND REFRACTORY HYPERTENSION IN FRENCH PRIMARY CARE OFFICES. RESULTS FROM THE PASSAGE REGISTRY

J.-J. Mourad, S. Le Jeune, O. Pointeau, M. Lopez-Sublet
Bobigny, FRANCE

1 / 22 SCREENING FOR HYPERTENSION AMONG PATIENTS EVALUATING FOR FAMILIAL HETEROZYGOUS HYPERCHOLESTEROLEMIA ACCORDING TO DUTCH LIPID NETWORK CLINICAL CRITERIA

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Pleven, BULGARIA

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N. Miyai, M. Shiozaki, N. Nagatomo, Y. Uchikawa, K. Terada, K. Tomida, K. Mure, M. Utsumi, T. Takeshita, K. Miyashita, M. Arita
Wakayama, JAPAN

1 / 24 27-YEAR EXPERIENCE WITH HYPERTENSION AS ONE OF CORONARY RISK FACTORS IN PATIENTS WITH MYOCARDIAL INFARCTION AND PREVIOUS REVASCULARIZATION: A SUBSTUDY OF THE POP-HT STUDY

P. Mitrovic, B. Stefanovic, M. Radovanovic, N. Radovanovic, D. Rajic, G. Matic, R. Lasica, I. Subotic, N. Mitrovic, N. Mijic, Z. Vasiljevic
Belgrade, SERBIA

1 / 25 RESTLESS LEGS SYNDROME AS A PREDICTION FACTOR FOR HYPERTENSION IN WOMEN

P. Mitrovic, B. Stefanovic, M. Radovanovic, N. Radovanovic, D. Rajic, G. Matic, R. Lasica, I. Subotic, N. Mitrovic, N. Mijic, Z. Vasiljevic
Belgrade, SERBIA

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Porto, PORTUGAL

1 / 27 GENDER DISPARITIES IN SECONDARY PREVENTION- TIME TO DESPAIR?

A. Mahmud, E. Fadel, R. Rabai, I. Farah, M. Bdeir
Riyadh, SAUDI ARABIA

1 / 28 UNRAVELING THE URIC ACID IN THE CLUSTER OF CARDIOMETABOLIC RISK FACTORS EARLY IN LIFE: A PROSPECTIVE STUDY

P. Redon^{1,2}, I. Torro^{1,2}, J. Alvarez^{1,2}, J. Redon^{1,2}, E. Lurbe^{1,2}
¹ Madrid, ² Valencia, SPAIN

1 / 29 **CARDIOVASCULAR RISK PROFILE IN A FAMILY HEALTH PROGRAM IN RIO DE JANEIRO – A PILOT PROJECT**

T. Lorena Dos Santos, M.B. Lobão, J. Prado Santana, E. Louysi D. Paula, M. Roveda Ruschel, C. Freitas Hermsdorff, M. Loureiro Cunha, L. Bom Rozemberg, C. Nessimian Tostes, T. Amado Mayer, C. Pavani Barata, L. Oliveira Santana, T. Santos Oliveira, L. Fernandes Da Silva, J. Barros De Lima, L. Flores Fontes, A. Nunes Carvalho, C. Sampaio, R.J. Povoleri Fuchs, E. Muxfeldt
Rio de Janeiro, BRAZIL

1 / 30 **ETHNIC DIFFERENCES IN AWARENESS, TREATMENT AND CONTROL OF HYPERTENSION IN COLOMBIA**

P. López-Jaramillo¹, S. González-Gómez¹, J. Otero¹, P.A. Camacho¹, S. Rangarajan², S. Yusuf²
¹ *Floridablanca, COLOMBIA*, ² *Hamilton, CANADA*

1 / 31 **THE NECESSITY OF A POPULATION APPROACH IN ACHIEVING HYPERTENSION CONTROL**

R. Lewanczuk
Edmonton, CANADA

1 / 32 **PRELIMINARY RESULTS OF A STRUCTURED PROGRAM FOR DETECTION AND PREVENTION OF HYPERTENSION IN A PRIMARY CARE SETTING IN UPPER BAVARIA (BEPO)**

E. Lehmann¹, B. Reindl¹, A. Tuchhändler¹, L. Bader¹, J. Beratis¹, H. Estner², K. Wilhelm¹
¹ *Dachau*, ² *Munich, GERMANY*

1 / 33 **CLINICAL COMPLICATIONS OF ARTERIAL HYPERTENSION: GENDER-RELATED DIFFERENCES**

A. Krzesiak-Lodyga, P. Kwasiborski, A. Cwetsch
Warsaw, POLAND

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S. Kostic, D. Djordjevic, I. Tasic
Niš, SERBIA

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Chairpersons: I. Tikkanen (*Helsinki, FINLAND*), ROOM **2** POSTERS FROM **1** TO **26**
G. Wuerzner (*Lausanne, SWITZERLAND*)

2 / 1 **BLOOD PRESSURE CONTROL IN PATIENTS WITH ESSENTIAL AND RENOPARENCHYMAL ARTERIAL HYPERTENSION**

G. Radchenko, T. Salascheva, Y. Sirenko
Kiev, UKRAINE

2 / 2 **COMPARISON OF PERINDOPRIL/AMLODIPIN FIXED DOSE COMBINATION INFLUENCE ON TARGET ORGAN DAMAGE IN HYPERTENSIVE PATIENTS WITH AND WITHOUT ISCHEMIC HEART DISEASE: EPHEs TRAIL**

G. Radchenko, L. Mushtenko, O. Torbas, S. Kushnir, O. Yarinkina, S. Potashev, Y. Sirenko
Kiev, UKRAINE

2 / 3 EFFECTS OF LOSARTAN ON PROSTANOIDS RELEASE IN TWO MODELS OF METABOLIC ALTERATION IN THE RAT

A. Puyó, H. Lee, S. Cantu, A. Donoso, M. Choi, H. Peredo
Buenos Aires, ARGENTINA

2 / 4 HYPOTENSIVE ACTION OF MELATONIN IN RAILWAY EMPLOYEES WITH NEWLY DIAGNOSED ARTERIAL HYPERTENSION

V. Popov, E. Ahsanova, N. Bulanova, N. Severskaya
Moscow, RUSSIA

2 / 5 THE EFFECT OF TENOTEN THERAPY IN DAILY DYNAMIC PROFILE OF BLOOD PRESSURE

T. Poponina, Y. Poponina, K. Gunderina, V. Markov
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2 / 6 FIX FULL-DOSE COMBINATION PERINDOPRIL/INDAPAMIDE/AMLODIPINE CONTROLS BLOOD PRESSURE AND LEFT VENTRICULAR STRUCTURE AND FUNCTION IN SEVERE HYPERTENSION

L. Popescu, H. Balan
Bucharest, ROMANIA

2 / 7 THE CONTROL OF ANTIHYPERTENSIVE THERAPY IN OUTPATIENTS WITH ARTERIAL HYPERTENSION

N. Paskar, A. Nedoshivin
Saint-Petersburg, RUSSIA

2 / 8 EVALUATION OF EFFICACY AND SAFETY OF AMOSARTAN IN PATIENTS WITH ESSENTIAL HYPERTENSION; 2-YEAR, NON-INTERVENTIONAL, MULTICENTER, RETROSPECTIVE OBSERVATIONAL STUDY

C. Park, J. Kang, W. Kim, J. Choi, E. Park, S. Lee, G. Hong
Seoul, SOUTH KOREA

2 / 9 MASKED-UNCONTROLLED HYPERTENSION MANAGEMENT BASED ON OFFICE BP OR ON OUT-OF-OFFICE (AMBULATORY) BP MEASUREMENT (MASTER): STUDY PROTOCOL

G. Parati¹, E. Agabiti Rosei², G.L. Bakris³, G. Bilo¹, G. Branzi¹, T. Faria¹, G. Mancina¹, R. McManus⁴, P.A. Modesti⁵, J. Ochoa¹, S. Omboni⁶, D. Pellegrini¹, J. Redon⁷, R.E. Schmieder⁸, D. Soranna¹, G.S. Stergiou⁹, P. Wijnmaalen¹, A. Zamboni¹, A. Zanchetti¹
¹ Milan, ² Brescia, ITALY, ³ Chicago, IL, USA, ⁴ Oxford, UNITED KINGDOM, ⁵ Florence, ⁶ Varese, ITALY, ⁷ Madrid, SPAIN, ⁸ Erlangen, GERMANY, ⁹ Athens, GREECE

2 / 10 GENDER-DEPENDENT EFFECT OF THE 17-BETA ESTRADIOL ON THE DEVELOPMENT OF HYPOXIC PULMONARY HYPERTENSION IN GONADECTOMIZED AND NORMAL WISTAR RATS

N. Pankova, M. Artemieva, E. Volynnikova, N. Medvedeva
Moscow, RUSSIA

2 / 11 EFFICACY AND SAFETY OF SINGLE-PILL COMBINATION PERINDOPRIL/AMLODIPINE IN PATIENTS WITH UNCONTROLLED HYPERTENSION ON PREVIOUS ANGIOTENSIN RECEPTOR BLOCKER-BASED TREATMENT

O. Ostroumova
Moscow, RUSSIA

2 / 12 PREVALENCE OF DIETARY SUPPLEMENTS AND OVER THE COUNTER DRUG USE IN PATIENTS WITH ARTERIAL HYPERTENSION

A. Olszanecka, M. Stopa, M. Lobacz, K. Rutkowska, M. Niemczyk, A. Radko, D. Czarnecka
Krakow, POLAND

2 / 13 THE POSSIBILITY OF IMPROVING THE QUALITY OF DIAGNOSIS AND TREATMENT OF HYPERTENSION AND DYSLIPIDEMIA BY PHYSICIANS EDUCATION

D. Nebieridze¹, V. Michin², N. Achmedjanov¹, T. Kamishova¹, A. Safarian¹, M. Cherniatina²
¹ *Moscow*, ² *Kursk, RUSSIA*

2 / 14 ADDITIVE BLOOD PRESSURE LOWERING EFFECT OF STATINS IN ANTIHYPERTENSIVE PATIENTS WITH MODERATE RISK

D. Nebieridze, A. Saricheva
Moscow, RUSSIA

2 / 15 PREVENTION OF THE DEVELOPMENT OF OSTEOPOROSIS IN POSTMENOPAUSAL HYPERTENSIVE WOMEN WITH VASODILATING BETA-BLOCKER

D. Nebieridze
Moscow, RUSSIA

2 / 16 THE BLOOD PRESSURE TARGET, THE MACRO- AND MICRO-VASCULAR DAMAGE IN HYPERTENSIVES TREATED WITH INHIBITING RENIN-ANGIOTENSIN-SYSTEM AGENTS

P. Nazzaro, G. Schirosi, L. De Benedittis, M. Contini, F. Caradonna Moscatelli, A.M. Papagni, F. Federico
Bari, ITALY

2 / 17 ANTIHYPERTENSIVE EFFICACY OF TRIPLE DRUGS FIXED COMBINATION THERAPY OF HIGH-RISK HYPERTENSIVE PATIENTS

A. Nagay, G. Khamidullaeva, G. Abdullaeva, L. Khafisova
Tashkent, UZBEKISTAN

2 / 18 UPTITRATION TO FULL-DOSE PERINDOPRIL 10MG/INDAPAMIDE 2.5MG SINGLE-PILL COMBINATION IN HYPERTENSIVE DIABETIC PATIENTS WITH UNCONTROLLED BLOOD PRESSURE: PERFORMANCE STUDY SUBANALYSIS

J.-J. Mourad¹, R. Schueller², F.A. Allaert²
¹ *Bobigny*, ² *Dijon, FRANCE*

2 / 19 SWITCH TO PERINDOPRIL 10MG/INDAPAMIDE 2.5MG SINGLE-PILL COMBINATION IN HYPERTENSIVE DIABETIC PATIENTS WITH UNCONTROLLED BLOOD PRESSURE ON DUAL THERAPY: PERFORMANCE STUDY SUBANALYSIS

J.-J. Mourad¹, R. Schueller², F.A. Allaert²
¹ *Bobigny*, ² *Dijon, FRANCE*

2 / 20 ANTIANGIOGENIC CYSTEINE-KNOT MINIPROTEINS PRESENT IN TOMATO FRUITS AND INDUSTRIAL DERIVATIVES CAN BE ABSORBED THROUGH THE GASTROINTESTINAL MUCOSA

P. Minuz, D. Treggiari, A. Dalbeni, B. Molesini, R. Chignola, G. Zoccatelli, T. Pandolfini
Verona, ITALY

2 / 21 DETECTION OF RISK FACTORS FOR AN ESCAPE OF THE ANTIHYPERTENSIVE THERAPY EFFICACY

Q. Mikhailova, E. Elfimova, A. Litvin, A. Rogoza, I. Chazova
Moscow, RUSSIA

2 / 22 SILDENAFIL IN THE THE MANAGEMENT OF PATIENTS WITH SEVERE HYPERTENSION ASSOCIATED WITH SEVERE SYMPTOMATIC ORTHOSTATIC HYPOTENSION

C. Mihailescu
Bucharest, ROMANIA

2 / 23 A RANDOMIZED, MULTICENTER, DOUBLE-BLIND, PHASE III STUDY TO EVALUATE THE EFFICACY AND SAFETY OF THE TRIPLE COMBINATION OF AMLODIPINE/LOSARTAN/ROSUVASTATIN IN PATIENTS WITH ESSENTIAL HYPERTENSION

H. Lee, S. Park
Seoul, SOUTH KOREA

2 / 24 EFFECT OF ANTIHYPERTENSIVE TREATMENT AT DIFFERENT BASELINE BLOOD PRESSURE LEVELS. ANALYSES FROM 30560 INDIVIDUAL PATIENT DATA

H. Le¹, F. Subtil¹, M. Fall¹, L. Thijs², F. Gueyffier¹
¹ Lyon, FRANCE, ² Leuven, BELGIUM

2 / 25 TREATMENT WITH AZILSARTAN MEDOXOMIL IMPROVED DIPPING STATUS IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

V. Kulakov, E. Starostina, E. Troitskaya, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

2 / 26 METABOLIC EFFECTS OF DIFFERENT LIPID-LOWERING THERAPY REGIMENS IN HYPERTENSIVE PATIENTS WITH HIGH CARDIOVASCULAR RISK

O. Koshelskaya, A. Sushkova, E. Kravtshenko, T. Suslova
Tomsk, RUSSIA

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CHILDREN AND ADOLESCENTS

Chairperson: S. Stabouli (*Thessaloniki, GREECE*)

ROOM **3** POSTERS FROM **1** TO **15**

3 / 1 ASSOCIATION BETWEEN NECK CIRCUMFERENCE, AORTIC AND CAROTID STIFFNESS IN HEALTHY ADOLESCENTS. THE MACISTE STUDY

G. Pucci¹, F. Battista¹, L. Sanesi¹, E. Bianchini², F. Faita², V. Gemignani², M. D'Abbondanza¹, F. Papi¹, G. Schillaci¹
¹ Terni, ² Pisa, ITALY

3 / 2 DETERMINANTS OF CENTRAL HYPERTENSION IN ADOLESCENTS WITH ELEVATED BLOOD PRESSURE. PRELIMINARY RESULTS

L. Obrycki¹, T. Dereziński², J. Sarnecki¹, Z. Kulaga¹, M. Litwin¹
¹ Warsaw, ² Gniewkowo, POLAND

3 / 3 DETERMINANTS OF AORTIC PULSE WAVE VELOCITY IN PORTUGUESE CHILDREN AND ADOLESCENTS. THE PORTUGUESE VASCULAR PHENOTYPE IN CHILDREN AND ADOLESCENTS (PORT-VASPH) COHORT

J. Maldonado, T. Pereira, J. Martins, M. Carvalho
Coimbra, PORTUGAL

3 / 4 TRENDS IN OVERWEIGHT/OBESITY IN BRAZILIAN STUDENTS OF PUBLIC SCHOOLS: 30 YEARS OF EVOLUTION. THE RIO DE JANEIRO STUDY I AND II

F. Fonseca, A.A. Brandão, M. Magalhaes, R. Pozzan, E.M.G. Campana, P. Spinetti, B. Harboe, J. Bouzas, G. Bouzas, R.B. Maia, E. Silva, L. Guimaraes, A.C.S. Almeida, E.V. Freitas, A.P. Brandão
Rio de Janeiro, BRAZIL

3 / 5 BIRTH WEIGHT AND ITS ASSOCIATIONS WITH BLOOD PRESSURE AND BODY MASS INDEX OF STUDENTS AGED 10 TO 15 YEARS. RIO DE JANEIRO STUDY II

A. Brandão, F. Fonseca, M. Magalhaes, E. Campana, P. Spinetti, R. Pozzan, E. Silva, J. Bouzas, G. Bouzas, B. Harboe, L. Guimaraes, A. Almeida, R. Maia, E. Freitas, A. Brandão
Rio de Janeiro, BRAZIL

3 / 6 HIGH BLOOD PRESSURE TRENDS IN BRAZILIAN STUDENTS AGED 10-15 YEARS IN A 30-YEAR INTERVAL. THE RIO DE JANEIRO STUDIES I AND II

B. Harboe, F. Fonseca, A.A. Brandão, P. Spinetti, E. Campana, M. Magalhaes, R. Pozzan, G. Bouzas, E.R.O. Silva, A.C.S. Almeida, R.B. Maia, L. Guimaraes, J. Bouzas, E.V. Freitas, A.P. Brandão
Rio de Janeiro, BRAZIL

3 / 7 SYSTOLIC AND NOT DIASTOLIC PRESSURE WAS THE MAIN COMPONENT OF BLOOD PRESSURE ELEVATED AMONG TEENAGERS WITH ABNORMAL PRESSURE

J. Al-Said
Manama, BAHRAIN

3 / 8 AN OBSERVATIONAL STUDY OF EXCESS WEIGHT CHILDREN VERSUS NORMAL WEIGHT CHILDREN IN A PRIMARY CARE PRACTICE

C. Avramescu, M.A. Iancu, G.N. Dediu, C. Diaconu, D. Matei
Bucharest, ROMANIA

3 / 9 CLINICAL AND LABORATORY-INSTRUMENTAL SIGNS OF THE ARTERIAL HYPERTENSION IN UKRAINIAN TEENAGERS

I. Vyzhga
Vinnitsya, UKRAINE

3 / 10 HIGH SCHOOL STUDENTS' BLOOD PRESSURE EVALUATION IN A RURAL DISTRICT

R. Pita¹, L. Bronze^{1,2}, M. Carvalho Rodrigues¹, M. Castelo Branco¹
¹ Covilhã, ² Lisbon, PORTUGAL

3 / 11 CORRELATION OF BLOOD PRESSURE AND WEIGHT CHANGE OF ADOLESCENTS

A. Ospanova, A. Kerimkulova, T. Rymbaeva, A. Markabaeva
Semey, KAZAKHSTAN

3 / 12 PHENOTYPES OF HIGH BLOOD PRESSURE IN HISPANIC ADOLESCENTS

E. Silva, J.J. Villasmil, G. Bermudez, M. Bracho, M. Sayago, R.A. Sanchez
Maracaibo, VENEZUELA

3 / 13 FIBROMUSCULAR DYSPLASIA. THE REASON OF SEVERE RENOVASCULAR HYPERTENSION IN NEWBORN

J. Antoniewicz, J. Lesiak, G. Brzezinska-Rajszyz, P. Kalicinski, W. Grajkowska, M. Pyzlak, A. Kosciesza, R. Grenda
Warsaw, POLAND

3 / 14 PREVALENCE OF HYPERTENSION AND ITS LINK TO OVERWEIGHT AND OBESITY IN CHILDREN AGED 10 TO 13 YEARS IN PUBLIC SCHOOLS IN MONTEVIDEO

V. Estragó, R. Alvarez Baz, A. Tabárez, D. Bulla, J. Díaz, M. Zelarayan
Montevideo, URUGUAY

3 / 15 LATE AORTIC ANEURYSM AND STENT FRACTURE SECONDARY TO SEVERE ARTERIAL HYPERTENSION IN CORRECTED COARCTATION AND CHRONIC RENAL FAILURE

S. Gasser, R. Meier, M. Koestenberger, E. Sorantin, A. Gamillscheg, P. Oberwalder, I. Knez, B. Nagl
Graz, AUSTRIA

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HEART

Chairpersons: E.C.D. Barbosa (*Porto Alegre, BRAZIL*), ROOM **4** POSTERS FROM **1** TO **36**
D. Lovic (*Niš, SERBIA*)

4 / 1 THERAPEUTIC ASSET OF OZONE ADMINISTRATION IN EXPERIMENTAL MYOCARDIAL INFARCTION

M. Otero-Losada, A. Barone, J.P. Ortiz Fragola, A.M. Grangeat, F. Azzato, G. Ambrosio, J. Milei
Buenos Aires, ARGENTINA

4 / 2 THE INFLUENCE OF LONG-TERM COMBINED THERAPY WITH TELMISARTAN PLUS INDAPAMIDE ON LEFT VENTRICULAR DIASTOLIC FUNCTION AND HYPERTROPHY IN PATIENTS WITH MILD TO MODERATE HYPERTENSION

A. Naghdalyan, E. Ter-Stepanyants, A. Ordyan, L. Aleksanyan, T. Bayramyan
Yerevan, ARMENIA

4 / 3 HAEMODYNAMICS OF HYPERTENSION

A. Mondry
Singapore, SINGAPORE

4 / 4 AN INTEGRATED APPROACH OF PHARMACIES AND GENERAL PRACTICES FOR DETECTION OF UNDIAGNOSED ATRIAL FIBRILLATION IN THE ISOLA D'ELBA: THE ELBA-FA STUDY

P.A. Modesti¹, G. Donigaglia², P. Fabiani²
¹ Florence, ² Portoferraio, ITALY

4 / 5 LEFT VENTRICULAR DYSFUNCTION IN PATIENTS WITH LEUKEMIA BEFORE CHEMOTHERAPY

A. Militaru, M. Militaru, S. Iurciuc, M. Iurciuc, P. Matusz, D. Lighezan
Timisoara, ROMANIA

4 / 6 REACHING THE TARGET BLOOD PRESSURE LEVELS AND HEART RATE IN PATIENTS AFTER ACUTE DECOMPENSATED HEART FAILURE IN THE CONVENTIONAL OUTPATIENT PRACTICE AND SPECIALIZED APPROACH IN THE CENTER OF TREATMENT OF CHRONIC HEART FAILURE

I. Fomin, N. Vinogradova, E. Tarlovskaya, M. Zhirkov, A. Merezhanova, A. Subbotin, S. Allahverdiyev, N. Anyutchkina, A. Krylov, A. Kozlov
Nizhny Novgorod, RUSSIA

4 / 7 LONG-TERM CHANGES IN LEFT VENTRICULAR GEOMETRY IN TREATED HYPERTENSIVE PATIENTS

O. Matova, L. Mishchenko, O. Krot
Kiev, UKRAINE

4 / 8 COULD HYPERTENSION IMPROVE PROGNOSIS IN HEART FAILURE?

F. Martínez García, L. Martínez-Ibañez, A. Ruiz Hernández, G. Pichler, J. Redon
Valencia, SPAIN

4 / 9 DIFFERENTIAL MICRORNA-21 AND MICRORNA-133 GENE EXPRESSION LEVELS IN PERIPHERAL BLOOD MONONUCLEAR CELLS FROM HYPERTENSIVE PATIENTS WITH HEART FAILURE WITH PRESERVED EJECTION FRACTION

M. Marketou, A. Spanaki, J. Kontaraki, F. Parthenakis, S. Maragkoudakis, A. Patrianakis, J. Konstantinou, P. Tsiverdis, D. Vougia, J. Logakis, P. Vardas
Heraklion, GREECE

4 / 10 CARDIOVASCULAR REMODELING IN MILD HYPERTENSION: THE ROLE OF URIC ACID

A.M. Maresca, C. Mongiardi, L. Montalbetti, A. Grossi, V. Pierobon, N. Tandurella, M. Agostinis, L. Tavecchia, S. Moretti, G. Cavallaro, A.M. Grandi, L. Guasti
Varese, ITALY

4 / 11 ELECTROCARDIOGRAPHIC PREDICTORS OF ATRIAL FIBRILLATION IN NORMOTENSIVE AND HYPERTENSIVE INDIVIDUALS

A. Lehtonen¹, V. Langén¹, P. Puukka¹, A. Jula¹, T. Niiranen²
¹ *Turku, FINLAND*, ² *Framingham, MA, USA*

4 / 12 LABORATORY PREDICTORS OF THE RISK OF ADVERSE OUTCOMES IN UNSTABLE ANGINA AND ARTERIAL HYPERTENSION

I. Lazareva, A. Miadzvedzeva, L. Gelis, I. Rousskikh
Minsk, BELARUS

4 / 13 THE NATURAL HISTORY OF LEFT VENTRICULAR LONGITUDINAL STRAIN IN A GENERAL POPULATION: CLINICAL CORRELATES AND IMPACT ON CARDIAC REMODELLING

T. Kuznetsova, N. Cauwenberghs, E. Nijs, L. Thijs, J.A. Staessen
Leuven, BELGIUM

4 / 14 EFFECTS OF AMIODARONE AND SOTALOL ON LEFT VENTRICULAR DIASTOLIC FUNCTION AND VENTRICULAR-ARTERIAL COUPLING PARAMETERS IN PATIENTS WITH ATRIAL FIBRILLATION

E. Kokhan, A. Shavarov, G. Kiyakbaev, V. Moiseev
Moscow, RUSSIA

4 / 15 ASSOCIATION BETWEEN VENTRICULAR-ARTERIAL COUPLING PARAMETERS AND LEFT ATRIAL REMODELING WITH ATRIAL FIBRILLATION RECURRENCES IN PATIENTS WITH DIASTOLIC DYSFUNCTION

E. Kokhan, A. Shavarov, G. Kiyakbaev, V. Moiseev
Moscow, RUSSIA

4 / 16 MYOCARDIAL STIFFNESS IN THE MIDDLE-AGE HYPERTENSIVE PATIENTS

O. Ostroumova, A. Kochetkov, V. Vikentiev, M. Lopukhina
Moscow, RUSSIA

4 / 17 ASSOCIATION OF LEFT VENTRICULAR MASS WITH CARDIAC FIBROSIS AND ATRIAL FIBRILLATION RECURRENCE

A. Kischeva, Y. Yotov, T. Chervenkov
Varna, BULGARIA

4 / 18 ANGIOGRAPHIC CHARACTERISTICS OF THE CORONARY DISEASE IN PATIENTS WITH CHRONIC KIDNEY DISEASE

R. Kheder-Elfekih, S. Ben Hamida, M. Krid, H. Jebali, W. Smaoui, L. Ben Fatma, S. Beji, F. Ben Hamida, L. Rais, K. Zouaghi
Tunis, TUNISIA

4 / 19 ARTERIAL PRESSURE PROFILE AND ARTERIAL STIFFNESS IN PATIENTS WITH HYPERTROPHIC CARDIOMYOPATHY WITH THE ACCOMPANYING ARTERIAL HYPERTENSION

F. Khashieva, N. Krilova, N. Poteshkina, E. Kovalevsky, A. Demkina
Moscow, RUSSIA

4 / 20 DIALYSIS-ASSOCIATED ISCHEMIC HEART DISEASE: INSIGHTS FROM CORONARY ANGIOGRAPHY

M. Kharroubi¹, H. Boussaid¹, S. Chargui¹, M. Jerbi², H. Gaid², R. Aoudia¹, F. El Youssi¹, R. Goucha², H. Baccar¹, T. Ben Abdallah¹
¹ *Tunis*, ² *La Marsa, TUNISIA*

4 / 21 TYPES OF CARDIAC REMODELING AMONG PATIENTS WITH ARTERIAL HYPERTENSION BY GENDER

A. Kerimkulova¹, V. Veber², S. Zhmailova², A. Ospanova³, R. Nurpeissova¹
¹ *Astana, KAZAKHSTAN*, ² *Veliky Novgorod, RUSSIA*, ³ *Semey, KAZAKHSTAN*

4 / 22 ON THE USE OF ISOSORBIDEDINITRATE AND HYDRALAZINE FOR HEART FAILURE IN PATIENTS OF AFRICAN ANCESTRY IN THE NETHERLANDS

F.A. Karamat¹, H.N. Sahebodin¹, G.A. Van Montfrans¹, L.M. Brewster^{1,2}
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4 / 23 J CURVE PHENOMENON. AN ANALYSIS OF BLOOD PRESSURE AND CARDIOVASCULAR EVENTS IN HYPERTENSIVE PATIENTS WITH CORONARY ARTERY DISEASE AND IMPAIRED SYSTOLIC FUNCTION

M. Kallistratos, S. Giannitsi, E. Vasilopoulou, L.E. Poulimenos, K. Iliou, A. Koukouzeli, N. Kouremenos, E.F. Chamodraka, A. Skyras, N. Kontogiannis, S. Pagoni, A. Daskalaki, K. Kyfnidis, P. Tsinivizov, A.J. Manolis
Athens, GREECE

4 / 24 DIAGNOSTIC ACCURACY OF NEW ALGORITHM TO DETECT ATRIAL FIBRILLATION
T. Kabutoya, S. Hoshide, Y. Imai, K. Kario
Shimotsuke, JAPAN

4 / 25 C-344T POLYMORPHISM GENE ALDOSTERONE SYNTHASE (CYP11B), SERUM ALDOSTERONE AND ASSOCIATION WITH ATRIAL FIBRILLATION IN METABOLIC SYNDROME PATIENTS
Y.I. Ma, V. Ionin, A. Ulitina, S. Pchelina, E. Bazhenova, E. Zaslavskaya, O. Belyaeva, O. Berkovich, E. Baranova
Saint-Petersburg, RUSSIA

4 / 26 RELATIONSHIP OF THE NUMBER OF LESION AND NET ADVERSE CLINICAL EVENTS DURING THE ONE YEAR FOLLOW-UP PERIOD AMONG CORONARY ARTERY DISEASE PATIENTS WITH ANTIPLATELET THERAPY
Y. Huang, J.Y. Chen, Y.Q. Feng
Guangzhou, CHINA

4 / 27 COMPARATIVE ANALYSIS OF MIRNA EXPRESSION IN SERUM AND PLASMA OF PATIENTS WITH ACUTE MYOCARDIAL INFARCTION
C. Hermenegildo¹, A. Mompeon¹, T. Januario², X. Vidal-Gomez¹, M. Pujol², D. Perez-Cremades¹, S. Garcia-Blas¹, L. Ortega², J. Sanchis¹, A.P. Dantas², S. Novella¹
¹ Valencia, ² Barcelona, SPAIN

4 / 28 THE STATUS OF CEREBRAL ARTERIES, BLOOD PRESSURE, LEPTIN LEVELS AND POSTPRANDIAL HYPERTRIGLYCERIDEMIA IN PATIENTS WITH CORONARY HEART DISEASE COMBINED WITH HEPATIC STEATOSIS
M. Grechanyk, N. Grechanyk, Y. Filippova, A. Kuryata
Dnepropetrovsk, UKRAINE

4 / 29 ALERT REACTION DURING VASCULAR NON-INVASIVE EVALUATION: WHAT ARE WE MEASURING?
S. Gonzalez¹, G. Martinez¹, D. Ricon¹, M. Mendez¹, O. Diganchi¹, J. Donaire¹, M. Schiavone², R. La Greca¹, I. Ramella¹
¹ Caba, ² Pte Derqui, ARGENTINA

4 / 30 STATINS IN SECONDARY PREVENTION OF ATRIAL FIBRILLATION IN HYPERTENSIVE PATIENTS
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4 / 31 RISK FACTORS AND PROGNOSIS OF CONTRAST-INDUCED ACUTE KIDNEY INJURY IN PATIENTS UNDERGOING PERCUTANEOUS CORONARY INTERVENTION
A. Gaskina, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

4 / 32 BLOOD PRESSURE TARGET AND WORK-RELATED OUTCOME AFTER MYOCARDIAL INFARCTION
E. Garzillo, M. Lamberti, P. Pedata, V. Crispino, C. Capogrosso, D. Spacone, P. Capogrosso, G. Ratti
Naples, ITALY

4 / 33 TAKING GENDERS SEPARATELY AND INDEXING BY BODY SURFACE IS NOT ENOUGH TO WEAN THE CALLED THORACIC FLUID CONTENT FROM OTHER INFLUENCES OUTSIDE THE THORACIC FLUIDS

C. Galarza, P. Cuffaro, M. Rada, J.M. Piccinini, J. Barochiner, J. Alfie, L. Aparicio, G. Micali, M. Morales, M. Marcos, G. Waisman
Buenos Aires, ARGENTINA

4 / 34 ELECTROCARDIOLOGIC P AND QRS PARAMETERS AS THE RISK SIGNS FOR FUTURE ATRIAL FIBRILLATION IN HYPERTENSIVE PATIENTS

S. Filipova, D. Skultetyova, A. Vachulova, P. Chnupa, P. Hlivak
Bratislava, SLOVAK REPUBLIC

4 / 35 REMODELING OF THE HEART IN PATIENTS WITH RHEUMATOID ARTHRITIS AND PREHYPERTENSION

L. Feiskhanova, E. Gutieva
Kazan, RUSSIA

4 / 36 LEFT VENTRICULAR HYPERTROPHY AND DIASTOLIC DYSFUNCTION FOR PROGNOSIS OF SUDDEN CARDIAC DEATH IN PATIENTS WITH MYOCARDIAL INFARCTION

I. Leonova, S. Boldueva, E. Bykova
Saint-Petersburg, RUSSIA

Posters' Session PS15

LIFESTYLE, HYPERTENSION MANAGEMENT AND RESISTANT HYPERTENSION

Chairpersons: A. Prejbisz (Warsaw, POLAND),
F. Saladini (Padua, ITALY)

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5 / 1 ESTIMATION OF 24-H URINE SODIUM FROM SPOT URINE: A TENDENCY OF MOVING ESTIMATED MEAN TOWARD TO MEAN OF POPULATION FROM WHICH REGRESSION MODEL WAS ESTABLISHED

M. Rhee¹, J.H. Kim¹, S.J. Shin¹, D. Nah³, J.H. Park², S.W. Kim², N. Gu¹, D.G. Park²
¹ Goyang, ² Seoul, ³ Gyeongju, SOUTH KOREA

5 / 2 EFFECT OF THE HIGH SALT TASTE SENSITIVITY THRESHOLD AND SALT SENSITIVITY ON A CIRCADIAN BLOOD PRESSURE PROFILE OF HYPERTENSIVE PATIENTS FROM GEORGIA

A. Rekhviashvili, A. Minashvili, M. Utiashvili
Tbilisi, GEORGIA

5 / 3 MEASURE ACCURATELY, ACT RAPIDLY AND PARTNER WITH PATIENTS (MAP) IMPROVES HYPERTENSION CONTROL: PILOT-STUDY RESULTS FROM CARE COORDINATION INSTITUTE / AMERICAN MEDICAL ASSOCIATION

B. Egan¹, R. Hanlin¹, M. Rakotz², I. Asif¹, S. Sutherland¹, J. Yang², R. Davis, S. Bryan¹, G. Wozniak²
¹ Greenville, SC, ² Chicago, IL, USA

5 / 4 GENDER AND EXERCISE-MODE DIFFERENCES IN POST EXERCISE BLOOD PRESSURE AND HEART RATE VARIABILITY RESPONSES DURING WORKDAY

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¹ Uberlândia, ² São Paulo, ³ Brasília, BRAZIL

5 / 5 THE ACUTE EFFECTS OF MAT PILATES ON HEMODYNAMIC RESPONSES AFTER EXERCISE IN POSTMENOPAUSAL WOMEN

G. Puga, J.P. Batista, J.G. Costa, I. Mariano, D.C. Domingos, J.S. Giolo, T.C.F. De Souza,

A.L. Ribeiro, L.A.S. Matias, P.A. Dias, M.A.F.J. Leite, F.S. Espindola

Uberlândia, BRAZIL

5 / 6 ISOFLAVONE SUPPLEMENTATION DOES NOT IMPROVE BLOOD PRESSURE RESPONSES AFTER TRAINING WITH COMBINED EXERCISE: CLINICAL, CONTROLLED, RANDOMIZED, DOUBLE-BLIND TRIAL

G. Puga, J.G. Costa, J.S. Giolo, I. Mariano, J.P. Batista, A.L. Ribeiro, T.C.F. De Souza,

L.A.S. Matias, P.A. Dias, M.A.F.J. Leite, E.P. De Oliveira

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5 / 7 EFFECTS OF ISOMETRIC AND AEROBIC EXERCISE ON DYSFUNCTIONAL HDL IN HYPERTENSIVE PATIENTS

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5 / 8 RENAL DENERVATION IMPROVES 24-HOUR CENTRAL AND PERIPHERAL BLOOD PRESSURES, ARTERIAL STIFFNESS AND PERIPHERAL RESISTANCE

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5 / 9 PHYSICAL AND MENTAL HEALTH OF THE YOUNG STUDENTS IN A BOARDING SCHOOL FOR MONKS, LOCATED IN THE SACRED MOUNTAIN KOYA, JAPAN

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M. Arita¹

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5 / 10 EUSTAR: EUROPEAN SOCIETY OF HYPERTENSION TELEMEDICINE IN ARTERIAL HYPERTENSION REGISTER. DESIGN AND RATIONALE

E.G. Schulz¹, C. Neumann¹, M. Middeke²

¹ Göttingen, ² Munich, GERMANY

5 / 11 EVALUATION OF AFFECTIVE TEMPERAMENTS, DEPRESSION AND ANXIETY IN WHITE-COAT, WELL-TREATED AND RESISTANT HYPERTENSION AND IN HEALTHY CONTROLS

J. Nemcsik, B. Korosi, D. Batta, A. Laszlo, A. Tabak, D. Eorsi, P. Torzsa, O. Cseprekal, A. Tisler,

Z.S. Nemcsik-Bencze, X. Gonda, Z. Rihmer

Budapest, HUNGARY

5 / 12 MEDICUS, A MOBILE-BASED, A PATIENT-CENTERED APPROACH TO THE TRACKING, PREDICTION, AND PREVENTION OF HYPERTENSION AND CARDIOVASCULAR CONDITIONS

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5 / 13 EFFECT OF RENAL DENERVATION ON BLOOD PRESSURE IN PATIENTS WITH RESISTANT HYPERTENSION AND TYPE 2 DIABETES MELLITUS AFTER A 2 YEARS FOLLOW-UP
V. Mordovin, A. Falkovskaya, S. Pekarskiy, G. Semke, T. Ripp, I. Zyubanov, V. Lichikaki, A. Baev
Tomsk, RUSSIA

5 / 14 EFFECT OF GENDER AND AGE ON NUTRITION PATTERN IN SUBJECTS AGED 25-54 WITH HIGH NORMAL BLOOD PRESSURE
O. Molchanova, A. Britov, G. Andreeva, E. Grishenkov
Moscow, RUSSIA

5 / 15 FEEDING HABITS AND LIFESTYLE MODIFICATION IN PATIENTS WITH HYPERTENSION AND OBESITY
D. Miloslavsky, I. Snegurskaya, V. Bozhko, E. Schenyavskaya
Kharkiv, UKRAINE

5 / 16 A NEW MODEL FOR OBTAINING THE RISK ASSESSMENT OF DEVELOPING HYPERTENSION BASED ON ARTIFICIAL NEURAL NETWORKS
P. Melin, I. Miramontes, G. Prado-Arechiga
Tijuana, MEXICO

5 / 17 GENETIC OPTIMIZATION OF THE FUZZY RULES IN A NEURO FUZZY HYBRID MODEL FOR BLOOD PRESSURE LEVEL CLASSIFICATION
P. Melin, J.C. Guzman, G. Prado-Arechiga
Tijuana, MEXICO

5 / 18 FINDING SUPPLEMENTS TO TRADITIONAL BP MONITORING: A CORRELATION RESEARCH ANALYSIS FROM MODEL NCD LIFESTYLE CLINIC, JODHPUR, INDIA
J. Meena¹, P. Raghav², N. Rustagi²
¹ *Udaipur*, ² *Jodhpur, INDIA*

5 / 19 COST-EFFECTIVENESS OF ANGIOTENSIN RECEPTOR BLOCKERS IN PATIENTS WITH UNCOMPLICATED HYPERTENSION: A COMPARATIVE ANALYSIS USING CLINICAL AND DRUGS UTILIZATION DATA
A. Mazza, L. Schiavon, C. Rossetti, A.P. Sacco, G. Bregola, E. Contato, E. Ramazzina
Rovigo, ITALY

5 / 20 COST-EFFECTIVENESS OF RENAL DENERVATION COMPARED TO ANTIHYPERTENSIVE DRUG THERAPY IN TRUE RESISTANT HYPERTENSION: WE THINK IT OVER!
A. Mazza, F. Dell'Avvocata, P. Cardaioli, F. Michielan, F. Fiorini, D. Gattazzo, A.F. Compostella, E. Contato, L. Schiavon, E. Ramazzina
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5 / 21 CHANGES IN LEFT VENTRICULAR GEOMETRY AND DIASTOLIC FUNCTION IN PATIENTS WITH RESISTANT HYPERTENSION
O. Matova, L. Mishchenko, O. Krot, M. Sheremet, T. Ovdiienko
Kiev, UKRAINE

5 / 22 EPINEPHRINE IS REQUIRED FOR PREVENTING BLOOD PRESSURE OVERSHOOT AND THUS CARDIAC HYPERTROPHY IN CHRONIC EXERCISE
R. Martinho, P. Mendes, S. Leite, L. Maia-Moço, A. Leite-Moreira, A. Lourenço, M. Moreira-Rodrigues
Porto, PORTUGAL

5 / 23 CLINICAL CHARACTERISTICS, OFFICE BLOOD PRESSURE, MEDICAL THERAPY AND CARDIAC STRUCTURE IN SUBJECTS WITH SUSPECTED DRUG-RESISTANT HYPERTENSION REFERRED TO HYPERTENSION CLINIC

F. Malek, D. Vondrakova, J. Dvorak, P. Neuzil
Prague, CZECH REPUBLIC

5 / 24 COMPARATIVE EVALUATION OF RESISTANT AND REFRACTORY HYPERTENSION: CLINICAL AND ABPM DATA

K. Mako, C. Ureche, Z.S. Jeremias
Targu Mures, ROMANIA

5 / 25 REDO RENAL DENERVATION WITH NON-INVASIVE THERAPEUTIC ULTRASOUND

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5 / 26 RENAL DENERVATION USING THE ENLIGHTN RENAL DENERVATION SYSTEM IN ALTERNATIVE HYPERTENSIVE POPULATIONS: 36 MONTH BLOOD PRESSURE RESULTS FROM ENLIGHTN II STUDY

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5 / 27 USE OF 99M TC-HMPAO BRAIN SPECT ON PATIENTS WITH RESISTANT HYPERTENSION TO ASSESS THE SAFETY OF RENAL DENERVATION

V. Lichikaki, V. Mordovin, S. Pekarskiy, T. Ripp, A. Falkovskaya, G. Semke, A. Baev, Y. Lishmanov, N. Efimova, E. Sitkova
Tomsk, RUSSIA

5 / 28 TREATMENT OF PATIENTS WITH ARTERIAL HYPERTENSION IN PRIMARY HEALTH CARE (ACCORDING TO THE RUSSIAN ARTERIAL HYPERTENSION REGISTER)

E. Oshchepkova, N. Lazareva, A. Kantorova, I. Chazova
Moscow, RUSSIA

5 / 29 PSYCHOLOGICAL ASPECTS OF HIGH BLOOD PRESSURE IN BLACK-AFRICAN PATIENTS

C. Konin, J.J. N'djessan, E. Monney, R. Takogue, E. Soya, H. Yao, S. Aidego
Abidjan, IVORY COAST

5 / 30 MÜNCHHAUSEN SYNDROME (FACTITIOUS DISORDER) AS A CAUSE OF REPEATED HOSPITALIZATION IN THE INTENSIVE CARDIAC CARE UNIT

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5 / 31 LIFESTYLE FACTORS EXPLAIN CAROTID-FEMORAL PULSE WAVE VELOCITY IN FINNISH HYPERTENSIVE PATIENTS

I. Kantola, J. Tervo, L. Koskio, J. Haijanen, H. Hermansson, T. Kantola, M. Merikari, P. Makela, S. Rehunen, J. Varis
Turku, FINLAND

5 / 32 NEW MODEL TO INVESTIGATE THE INFLUENCE OF AIRCRAFT NOISE IN THE PATHOPHYSIOLOGICAL CONCEPT OF HYPERTENSION

A. Jumar¹, C. Ott¹, J. Harazny^{1,2}, K. Striepe¹, M.V. Karg¹, R.E. Schmieder¹
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5 / 33 PROGNOSIS OF LONG-TERM PHYSICAL EXERCISES EFFICACY IN HYPERTONIC PATIENTS

O. Ivanova, S. Kuklin, A. Torunova
Irkutsk, RUSSIA

5 / 34 PULSE WAVE VELOCITY AND RENAL RESISTIVE INDEX IN PATIENTS WITH RESISTANT HYPERTENSION: RELATION TO BLOOD PRESSURE CHANGES AFTER RENAL DENERVATION

M. Ionov, S. Mironova, Y. Yudina, I. Emelyanov, N. Avdonina, D. Zverev, E. Kitaeva, N. Zvartau, A. Konradi
Saint-Petersburg, RUSSIA

5 / 35 HEALTHY LIFESTYLE PROMOTION ON TV: THE CASE OF DAILY GREEK SOAP OPERAS

A. Ioannidis, M. Paraskelidou, A. Pechlevanis
Kalamaria, GREECE

5 / 36 MORE EFFECTIVE METHOD TO REDUCE SALT INTAKE BY USING DR'S RESTAURANT AND MEASURING SALT INTAKE FROM URINARY ANALYSIS

H. Tamura, C. Hibino, R. Takahashi, A. Takayoshi, K. Sugawara, R. Takahashi, S. Fujine
Kitakami City, JAPAN

5 / 37 REDUCED RATE AND DURATION OF HYPERTENSION-RELATED HOSPITALIZATION AFTER TREATMENT WITH BAROREFLEX ACTIVATION THERAPY

M. Halbach, D. Grothaus, F. Hoffmann, N. Madershahian, K. Kuhr, S. Baldus, H. Reuter
Cologne, GERMANY

5 / 38 THE RELASHIONSHIP BETWEEN ESSENTIAL ARTERIAL HYPERTENSION AND THE SECONDARY ARTERIAL HYPERTENSION

O. Germanova
Samara, RUSSIA

5 / 39 RELATION TO MONOCYTE CHEMOATTRACTANT PROTEIN-1, CLINICAL PARAMETERS AND LABORATORY VARIABLES IN PATIENTS WITH RESISTANT HYPERTENSION

A. Fernandes Cortez, F. de Souza, P.M. Costa, A.H. Cavalcanti, G.S. Mares, L.R. Daibert, E. Muxfeldt
Rio de Janeiro, BRAZIL

5 / 40 INFLUENCE OF RENAL DENERVATION ON RENAL FUNCTION IN PATIENTS WITH RESISTANT HYPERTENSION AND TYPE 2 DIABETES MELLITUS AFTER 2 YEARS FOLLOW-UP

A. Falkovskaya, V. Mordovin, S. Pekarskiy, G. Semke, T. Ripp, I. Zyubanova, V. Lichikaki, A. Baev, A. Gusakova
Tomsk, RUSSIA

5 / 41 RENAL HEMODYNAMICS AFTER RENAL DENERVATION IN PATIENTS WITH RESISTANT HYPERTENSION AND TYPE 2 DIABETES MELLITUS

A. Falkovskaya, V. Mordovin, S. Pekarskiy, G. Semke, T. Ripp, I. Zyubanova, V. Lichikaki, A. Baev, T. Ryabova
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5 / 42 ADIPOKINES IN RESISTANT HYPERTENSION WITH OR WITHOUT TYPE 2 DIABETES MELLITUS

A. Falkovskaya, V. Mordovin, S. Pekarskiy, G. Semke, T. Ripp, I. Zyubanov, V. Lichikaki, A. Gusakova
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Posters' Session PS16**BLOOD PRESSURE MEASUREMENT AND VARIABILITY**

Chairpersons: A. Kollias (Athens, GREECE),
S. Omboni (Varese, ITALY)

ROOM **6** POSTERS FROM 1 TO 35

6 / 1 A NEW INNOVATIVE ALGORITHM FOR ATRIAL FIBRILLATION DETECTION DURING BLOOD PRESSURE MONITORING: CARDIOAFIB (PIC SOLUTION) VS THE OLD ALGORITHM IN THE MICROLIFE BP A200

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6 / 2 ASSOCIATION BETWEEN AMBULATORY BLOOD PRESSURE VALUES AND CENTRAL AORTIC PRESSURE IN LARGE POPULATION OF NORMOTENSIVE AND HYPERTENSIVE SUBJECTS

J. Polonia¹, A. Rouxinol-Dias¹, S. Araujo¹, J. Silva², L. Barbosa²
¹ Porto, ² Matosinhos, PORTUGAL

6 / 3 COMPARISON OF UNATTENDED BLOOD PRESSURE MEASUREMENT (SPRINT METHOD) WITH OFFICE, 24H AMBULATORY AND CENTRAL BLOOD PRESSURE MEASUREMENTS IN HYPERTENSIVE PATIENTS

J. Polonia¹, S. Abreu¹, C. Baptista¹, J. Silva², L. Barbosa²
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6 / 4 AMBULATORY BLOOD PRESSURE MONITORING PROFILE IN A CROSS-SECTIONAL ANALYSIS OF A LARGE DATABASE OF REAL OR SUSPECTED HYPERTENSIVE PATIENTS

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6 / 5 THE INFLUENCE OF BLOOD PRESSURE VARIABILITY IN MORTALITY

J. Pires, S. Pinto, F. Ferreira, M. Teixeira, P. Damião, C. Neves
Aveiro, PORTUGAL

6 / 6 INTER-ARM BLOOD PRESSURE DIFFERENCE IN AN UNSELECTED HYPERTENSIVE POPULATION

G. Kladas¹, M. Pikilidou¹, E. Papakonstantinou¹, M. Antoniou¹, M. Yavropoulou¹, L. Hadjistavri¹, A. Ptinopoulou², P. Delidimoudis¹, P. Zebekakis¹
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6 / 7 CVD RISK IS INDEPENDENTLY ASSOCIATED WITH VISIT-TO-VISIT VARIABILITY OF SYSTOLIC BLOOD PRESSURE (BP) IN PATIENTS WITH TYPE 2 DIABETES

F. Martucci¹, S. Perra¹, M.G. Radaelli¹, G. Manzoni¹, A. Oltolini¹, G. Lattuada¹, G. Grassi^{1,2}, G. Mancia¹, G. Perseghin¹
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6 / 8 AN ASSESSMENT OF THE ACCURACY OF HOME BLOOD PRESSURE MONITORS WHEN USED IN DEVICE OWNERS

R. Padwal, G. Polley, D. McLean, A. Thompson, F. Morales, J. Ringrose
Edmonton, CANADA

6 / 9 PERIPHERAL VENOUS PRESSURE IS AN USEFUL AND SIMPLE SURROGATE OF CENTRAL VENOUS PRESSURE

J. Ortiz Frágola, N. Atamañuk, F. Paulin, J. Presas, M. Otero-Losada, J. Milei
Buenos Aires, ARGENTINA

6 / 10 BLOOD PRESSURE CONTROL IN PATIENTS OLDER THAN 60 YEARS WITH HYPERTENSION IN THE RESEARCH PROGRAM AND IN CLINICAL PRACTICE

V. Oleynikov, I. Avdeeva, N. Borisova, S. Fadeeva
Penza, RUSSIA

6 / 11 RELATIONSHIP BETWEEN BLOOD PRESSURE VARIABILITY AND COGNITIVE FUNCTION IN ELDERLY PATIENTS WITH STRICT BLOOD PRESSURE CONTROL

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6 / 12 THE PERSONALIZED NOCTURNAL BLOOD PRESSURE FALL IS NECESSARY TO DETERMINE THE ASSOCIATION BETWEEN VASCULAR DAMAGE AND BP DIPPING: A WARNING FOR CLINICAL OUTCOMES

P. Nazzaro, G. Schirosi, L. De Benedittis, F. Caradonna-Moscatelli, M. Contini, G. Aceto, A.M. Papagni, F. Federico
Bari, ITALY

6 / 13 HOME BLOOD PRESSURE TELEMONITORING OFFERS MORE RELIABLE VALUES AND INFORMATION ABOUT IRREGULAR HEARTBEAT EPISODES

J. Muzik, J. Peleska, M. Doksanysky, D. Gillar, J. Kaspar, M. Polacek, K. Hana, P. Smrcka
Prague, CZECH REPUBLIC

6 / 14 THE INTERRELATION OF BLOOD PRESSURE VARIABILITY, ENDOTHELIAL FUNCTION AND C-REACTIVE PROTEIN IN PATIENTS WITH ARTERIAL HYPERTENSION AND CORONARY ARTERY DISEASE

N. Musikhina, O. Roshal, L. Gapon, T. Petelina
Tyumen, RUSSIA

6 / 15 VISIT-TO-VISIT BLOOD PRESSURE VARIABILITY IN PATIENT WITH HYPERTENSION AND STROKE

L. Minushkina, A. Kazakova
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6 / 16 REGULAR BENZODIAZEPINES CONSUMPTION ASSOCIATED WITH LOWER BLOOD PRESSURE IN AMBULATORY BLOOD PRESSURE MONITORING

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6 / 17 THE PARTICULARITIES OF AMBULATORY BLOOD PRESSURE MONITORING IN PATIENTS WITH METABOLIC SYNDROME

M. Mars, K. Kammoun, R. Guesmi, S. Msaad, H. Mahfoudh, Y. Chaabouni, S. Yaich, M. Kharrat, M. Ben Hmida, F. Jarraya, J. Hachicha
Sfax, TUNISIA

6 / 18 REPRODUCIBILITY OF DIPPING PATTERN AND NOCTURNAL HYPERTENSION IN NORMOTENSIVE AND ESSENTIAL HYPERTENSIVE SUBJECTS

A. Lykka, K. Manousopoulos, F. Michas, E. Koroboki, C. Papageorgiou, N. Zakopoulos, E. Manios
Athens, GREECE

6 / 19 REPRODUCIBILITY OF MORNING BLOOD PRESSURE SURGE IN NORMOTENSIVE AND ESSENTIAL HYPERTENSIVE SUBJECTS

A. Lykka, K. Manousopoulos, F. Michas, E. Koroboki, C. Papageorgiou, N. Zakopoulos, E. Manios
Athens, GREECE

6 / 20 PREVALENCE AND AWARENESS OF HYPERTENSION DIAGNOSED BY CLINIC AND HOME BLOOD PRESSURE IN A FAMILY HEALTH PROGRAM IN RIO DE JANEIRO-A PILOT PROJECT

M. Loureiro Cunha, L. Bom Rozemberg, C. Nessimian Tostes, J. Barros De Lima, A. Nunes Carvalho, E. Louysi D. Paula, L. Reis Forgiarini, A. Furriel, M. Marão Lapenta, L. Oliveira Santana, R. Bittencourt Maia, L. Flores Fontes, A. Bergamo Ayres, B. Rosenbrock, L. Fernandes Da Silva, C. Paiva Ribeiro, N. Faquer Nogueira, A.L. Braga Franco, M. Roveda Ruschel, E. Muxfeldt
Rio de Janeiro, BRAZIL

6 / 21 HEART RATE VARIABILITY IN PATIENTS WITH RESISTANTS WITH ARTERIAL HYPERTENSION

A. Logvinenko, L. Mishchenko
Kiev, UKRAINE

6 / 22 HOME BLOOD PRESSURE MONITORING SURVEY OF CHINA (HBPM-C): A PRELIMINARY REPORT

J. Liu, N. Sun
Beijing, CHINA

6 / 23 VALIDATION OF CUFFLESS BLOOD PRESSURE MEASURING DEVICE WITH OSCILLOMETRIC BLOOD PRESSURE MEASUREMENTS AMONG HYPERTENSIVE PATIENTS

S. Kim, J.B. Park, J.D. Lee
Seoul, SOUTH KOREA

6 / 24 INFLUENCE OF STRESS AND ANXIETY ON BLOOD PRESSURE LEVELS IN PATIENTS UNDERGOING ORTHOPEDIC SURGERY

M. Koutsaki, M. Kallistratos, E. Soulioti, N. Kouremenos, K. Vergis, A. Koukouzeli, O. Diakoumakou, O. Mascha, A. Mela, A.J. Manolis
Athens, GREECE

6 / 25 UTILITY OF AVAILABILITY OF BLOOD PRESSURE MONITORS IN TRADITIONAL GREEK COFFEEHOUSES

A. Ioannidis, A. Pechlevanis, M. Paraskelidou
Kalamaria, GREECE

6 / 26 CLINICAL FEATURES OF 'THERMOSENSITIVE HYPERTENSION' - THE REAL BP STUDY

Y. Imaizumi¹, T. Kaihara², K. Eguchi¹, M. Yamamoto³, R. Kaku³, K. Kario¹
¹ Tochigi, ² Tokyo, ³ Fukuoka, JAPAN

6 / 27 PREVALENCE OF ISOLATED NOCTURNAL HYPERTENSION IN A COHORT OF SUBJECTS UNDER BLOOD PRESSURE CONTROL

P. Ferreira Ocampo, J.E. Lopez Paz, A. Hermida Ameijeiras, A. Pose Reino, I. Rodriguez Lopez, C. Calvo Gomez
 Santiago de Compostela, SPAIN

6 / 28 ANALYSIS OF MEASUREMENT DURATION ON CIRCADIAN BLOOD PRESSURE PROFILE

P. Iglesias Ramos¹, A. Hermida Ameijeiras¹, J.E. Lopez Paz², J. Novo Bujan¹, M. Ortega Hortas², C. Calvo Gomez¹
¹ Santiago de Compostela, ² Coruña, SPAIN

6 / 29 ANALYSIS OF MORNING BLOOD PRESSURE SURGE MEASURED BY 48H-ABPM

R. Ruido Dacal¹, A. Hermida Ameijeiras¹, J.E. Lopez Paz¹, J. Novo Bujan², M. Gonzalez Penedo², C. Calvo Gomez¹
¹ Santiago de Compostela, ² Coruña, SPAIN

6 / 30 SLEEP-TIME AMBULATORY BLOOD PRESSURE AS REFERENCE STANDARD FOR DIAGNOSIS OF HYPERTENSION IN ADULTS: THE HYGIA PROJECT

R. Hermida¹, J.J. Crespo¹, A. Moya², A. Otero³, M. Dominguez-Sardiña¹, M.T. Rios¹, M.C. Castiñeira⁴, P.A. Callejas¹, L. Pousa¹, E. Sineiro², S.M. Gomara², J.J. Salgado¹, C. Duran¹, J.J. Sanchez⁵, A. Mojon¹, J.R. Fernandez¹, D.E. Ayala¹
¹ Vigo, ² Pontevedra, ³ Ourense, ⁴ Lugo, ⁵ Santiago, SPAIN

6 / 31 BLOOD PRESSURE PROFILE IN PATIENTS WITH ARRHYTHMIAS

A. Guta, G. Raileanu, A.M. Daraban, G. Sica, D. Bartos
 Bucharest, ROMANIA

6 / 32 ANOTHER UNIQUE EVENT DURING ROUTINE 24 ABPM MEASUREMENT

D. Gourlis, C. Grassos
 Athens, GREECE

6 / 33 COMPARISON OF SEASONAL CHANGES OF THE MAIN AMBULATORY BLOOD PRESSURE PARAMETERS IN TWO RUSSIAN REGIONS

V. Gorbunov, M. Smirnova, D. Volkov, M. Loukianov, A. Deev, Y. Koshelyaevskaya, S. Boytsov
 Moscow, RUSSIA

6 / 34 EFFECT OF SELF-MEASUREMENT OF BLOOD PRESSURE ON HEMODYNAMICS – THE ANSIA STUDY

K. Gazzola¹, M. Honingh², J. Truijen², B.J.H. Van Den Born²
¹ Ferrara, ITALY, ² Amsterdam, THE NETHERLANDS

6 / 35 AUTOMATED OFFICE BLOOD PRESSURE IN STABLE HYPERTENSIVE PATIENTS: RESULTS OF A MULTICENTRE STUDY

J. Filipovsky¹, J. Seidlerova¹, M. Hronova¹, J. Ceral², P. Vysocanova³, J. Spac³, J. Vaclavik⁴, M. Soucek³, E. Kocianova⁴, J. Bruthans⁵, I. Rihacek³, P. König¹, H. Rosolova¹
¹ Pilsen, ² Hradec Kralove, ³ Brno, ⁴ Olomouc, ⁵ Prague, CZECH REPUBLIC

Posters' Session PS17

KIDNEY AND RAAS

Chairpersons: F. Jarraya, (*Sfax, TUNISIA*),P. Van der Niepen (*Brussels, BELGIUM*)ROOM **7** POSTERS FROM **1** TO **36****7 / 1** ACTIVATION OF RENIN-ANGIOTENSIN SYSTEM STIMULATES THE ORGANIC CATION TRANSPORTER 2 AND INCREASES CISPLATIN TOXICITYM. Kantauskaite¹, A. Hucke², B. Hirsch², E. Schlatter², G. Ciarimboli²¹ Vilnius, LITHUANIA, ² Muenster, GERMANY**7 / 2** THE EFFECT OF INTENSIVE LIPID LOWERING VERSUS USUAL LIPID LOWERING ON RENAL FUNCTION IN PATIENTS WITH ATHEROSCLEROTIC RENAL ARTERY STENOSIS UNDERGOING RENAL ARTERY STENTINGX. Jiang, M. Peng, H. Dong, B. Li, Y. Zou, H. Wu

Beijing, CHINA

7 / 3 EGFRs FROM ASIAN AND CHINESE MODIFIED CKD-EPI EQUATIONS WERE ASSOCIATED BETTER WITH TARGET ORGAN DAMAGES IN COMMUNITY-DWELLING CHINESE ELDERLY: THE NORTHERN SHANGHAI STUDYH. Ji, H. Zhang, H. Xu, J. Xiong, B. Bai, S.K. Yu, C. Chi, Y.W. Zhou, J. Li, Y. Zhang, Y.W. Xu

Shanghai, CHINA

7 / 4 BLOOD PRESSURE WAS ASSOCIATED WITH GLOMERULOMEGALY, INTERSTITIAL FIBROSIS AND RENAL PROGRESSION IN IGA NEPHROPATHYC. Ihm, T. Lee, K. Jeong, J. Kim, E. Park, S. Jung, H. Ihm

Seoul, SOUTH KOREA

7 / 5 CLINICAL OUTCOME IN PATIENTS WITH CHRONIC KIDNEY DISEASE AFTER USE OF KETOANALOGUESA. Krrashi¹, A. Idrizi², E. Kone², M. Barbullushi², N. Spahia², D. Haxhiu², O. Qurku², M. Gjata²¹ Durres, ² Tirana, ALBANIA**7 / 6** SUCCESSFUL PREGNANCY AFTER KIDNEY TRANSPLANT: THE FIRST CASE IN ALBANIAA. Idrizi, M. Rista, I. Tasho, E. Kaçulini, N. Spahia, D. Haxhiu, O. Qurku, A. Koroshi,

M. Barbullushi, M. Gjata

Tirana, ALBANIA

7 / 7 AN ASSOCIATION STUDY BETWEEN A NOVEL COMPONENT OF THE RENIN-ANGIOTENSIN SYSTEM, C9ORF3 AND PREVALENCE OF HYPERTENSION AMONG SUBJECTS WITH TYPE 2 DIABETES MELLITUSM. Ichikawa, M. Urabe, S. Kaeriyama, T. Nakaya, M. Yamada, K. Yamamoto, S. Sato,

M. Imagawa, M. Fujii, Y. Makino, Y. Zenimaru, J. Suzuki, T. Konoshita

Eiheiji, JAPAN

7 / 8 PREVALENCE OF MASKED HYPERTENSION AMONG TREATED HYPERTENSIVE PATIENTS WITH CHRONIC KIDNEY DISEASE: THE HYGIA PROJECTA. Otero¹, J.J. Crespo², M. Dominguez-Sardiña², A. Moya³, M.T. Rios², P.A. Callejas²,L. Pousa², M.C. Castiñeira⁴, E. Sineiro³, S.M. Gomara³, J.L. Salgado², C. Duran²,J.J. Sanchez⁵, A. Mojon⁶, J.R. Fernandez², D.E. Ayala², R. Hermida²¹ Ourense, ² Vigo, ³ Pontevedra, ⁴ Lugo, ⁵ Santiago, SPAIN

7 / 9 ARTERIAL HYPERTENSION AFTER KIDNEY TRANSPLANTATION

D. Loncar, H. Tulumovic, E. Smajic, D. Mrsic, A. Bijedic, I. Bijedic, E. Tulumovic
Tuzla, BOSNIA AND HERZEGOVINA

7 / 10 STRAIN-DEPENDENT CARDIOVASCULAR AND RENAL CONSEQUENCES OF 5/6 NEPHRECTOMY IN 129/SV AND C57BL/6 MICE

D. Guerrot, M. Hamzaoui, J. Bellien
Rouen, FRANCE

7 / 11 RENAL HYPERFILTRATION IS ASSOCIATED WITH HIGHER CENTRAL BLOOD PRESSURES IN HEALTHY INDIVIDUALS

M.E. Dupuis¹, F. Madore¹, M. Agharazii², R. Goupil¹
¹ *Montréal*, ² *Québec, CANADA*

7 / 12 LONG TERM VARIATIONS OF CREATININE IN ESSENTIAL HYPERTENSIVES

P. Gosse, A. Cremer, R. Boulestreau, P. Gaillard, G. Papaioanou, M. Lainé
Bordeaux, FRANCE

7 / 13 CORRELATION OF DIAGNOSED PERIPHERAL ARTERY DISEASE WITH AN ABRUPT INCREASE IN ARTERIAL BLOOD PRESSURE DUE TO SUDDEN RENAL ARTERY STENOSIS IN A MIDDLE-AGED WOMAN

M. Gavra¹, M. Chertsougk², G. Evaggelou¹, S. Skarpari¹, D. Ravanis¹, G. Tzatzagou¹
¹ *Thessaloniki*, ² *Chalkidiki, GREECE*

7 / 14 N-TERMINAL PRO-BRAIN NATRIURETIC PEPTIDE AND NUTRITIONAL STATUS IN HEMODIALYSIS PATIENTS

L. Foucan, H. Merault, L. Larifla, J. Ducros
Pointe-à-Pitre, GUADELOUPE

7 / 15 RENOVASCULAR HYPERTENSION SECONDARY TO TAKAYASU'S DISEASE. ABOUT A CASE

M. Feddal, F. Benameur, B. Bouterfas
Sidi bel Abbes, ALGERIA

7 / 16 HIGH BLOOD PRESSURE AFTER KIDNEY TRANSPLANTATION (RETROSPECTIVE STUDY)

K. Djoudad, A. Hamdani, B. Bendifallah, M. Guelil, A. Blalta
Oran, ALGERIA

7 / 17 ASSOCIATION BETWEEN CIRCULATING LEVELS OF MATRIX-GLA-PROTEIN AND AORTIC STIFFNESS IN KIDNEY TRANSPLANTATION

M. Dinic¹, N. Maillard¹, P. Delanaye², J.M. Krzesinski², A. Saint-Remy², E. Cavalier², C. Mariat¹
¹ *Saint Etienne, FRANCE*, ² *Liège, BELGIUM*

7 / 18 ASSOCIATION OF FGF – 23 AND 1.25 (OH)2 D3 WITH ATHEROSCLEROSIS AND SECONDARY HYPERPARATHYROIDISM IN PATIENTS WITH TYPE 2 DIABETIC NEPHROPATHY IN EARLY STAGES OF CKD

G. Dimas, T. Tegos, I. Karamouzis, A. Mavromanoli, C. Savopoulos, A. Hatzitolios, D. Grekas
Thessaloniki, GREECE

7 / 19 ASSOCIATION OF CIRCULATING FGF-23, MMP-9 AND TIMP-1 PREDISPOSE TO ATHEROSCLEROSIS PATIENTS WITH CHRONIC GLOMERULONEPHRITIS AT EARLY STAGES OF CHRONIC KIDNEY DISEASE

G. Dimas, T. Tegos, T. Toumpouras, S. Dimopoulou, I. Karamouzis, A. Mavromanoli, H. Mavromanolis, C. Savvopoulos, A. Hatzitolios, D. Grekas
Thessaloniki, GREECE

7 / 20 INTERLEUKIN-6 IS POSITIVELY ASSOCIATED WITH AORTIC STIFFNESS AND MORTALITY IN END-STAGE RENAL DISEASE PATIENTS

M. Desjardins, A. Sidibe, C. Fortier, S. Deserres, R. Lariviere, M. Agharazi
Québec City, CANADA

7 / 21 ACUTE RENAL FAILURE SECONDARY TO RENINE ANGIOTENSIN SYSTEM BLOCKERS: SHORT AND LONG-TERM PROGNOSIS

N. Dammak, K. Kammoun, S. Toumi, Y. Chaabouni, M. Kharrat, F. Jarraya, S. Yaich, M.B. Hmida, J. Hachicha
Sfax, TUNISIA

7 / 22 PRIMARY ALDOSTERONISM AND TWIN PREGNANCY WITH INTRAUTERINE DEATH OF ONE FOETUS: A CASE REPORT

J. Ciric, J. Ciric, M. Stojanovic, B. Beleslin, M. Stojkovic, S. Savic, T. Nisic, M. Zarkovic
Belgrade, SERBIA

7 / 23 TIME-AVERAGED BLOOD PRESSURE AND OUTCOMES IN STAGE 3 TO 5 CHRONIC KIDNEY DISEASE PATIENTS

H.P. Chiang, C.C. Hung, Y.W. Chiu, S.J. Hwang, H.C. Chen
Kaohsiung, TAIWAN

7 / 24 THE RESPONSE OF PLASMA ALDOSTERONE TO SALINE INFUSION IS UNDER THE INFLUENCE OF AGE IN PRIMARY HYPERTENSION

C. Catena, G.L. Colussi, M. Novello, N. Bertin, L.A. Sechi
Udine, ITALY

7 / 25 BLOOD PRESSURE CHANGE DURING THE HEMODIALYSIS IN CHRONIC HEMODIALYSED PATIENTS IN RELATIONSHIP TO THE HYDRATION STATUS MEASURED CLINICALLY AND ALSO BY BIOIMPEDANCE SPECTROSCOPY

K. Bobocka, A. Lehotska, D. Eisnerova, P. Slezak, P. Pontuch
Bratislava, SLOVAK REPUBLIC

7 / 26 RENAL ARTERY STENOSIS MANAGEMENT STRATEGIES

Y. Ben Ariba, D. Maaoui, B. Louzir, J. Labidi, S. Othmani
Tunis, TUNISIA

7 / 27 HIGH BLOOD PRESSURE IN AUTOSOMAL-DOMINANT POLYCYSTIC KIDNEY DISEASE

R. Grati, Y. Ben Ariba, A. Zammouri, S. Bouzid, D. Saadaoui, B. Louzir, J. Labidi, S. Othmani
Tunis, TUNISIA

7 / 28 EFFECT OF CHRONIC SALT LOADING ON SERUM RENALASE LEVEL IN ADULTS

Y. Yang, J. Mu
Xian, CHINA

7 / 29 IMPACT OF DIFFERENT RENAL REPLACEMENT THERAPY MODALITIES ON ARTERIAL STIFFNESS

M. Schiavone¹, M.E. Biain², G. Laham², C. Diaz², F. Speranzoni², J. Montagnana², F. Inserra¹, C. Castellaro^{1,2}

¹ Derqui, ² Buenos Aires, ARGENTINA

7 / 30 PARAMETERS OF ARTERIAL STIFFNESS AND CENTRAL PULSE WAVE ARE ASSOCIATED WITH VALVE CALCIFICATION IN PATIENTS WITH END-STAGE RENAL DISEASE ON HEMODIALYSIS

N. Manukhina, M. Trukhanova, D. Doroshenko, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

7 / 31 PREDICTORS OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE CARDIAC DISEASES

M. Kurmanov, M. Efremovtseva, S. Avdoshina, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

7 / 32 THE ROLE OF BIOMARKERS IN EARLY DIAGNOSTIC OF ACUTE KIDNEY INJURY IN PATIENTS WITH ACUTE CARDIORENAL SYNDROME

M. Kurmanov, M. Efremovtseva, S. Avdoshina, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

7 / 33 RENAL ARTERY DISSECTION: CAUSES AND FOLLOW-UP OF 61 CASES

A. Faucon, G. Bobrie, A. Azarine, A.S. Jannot, M. Azizi, L. Amar
Paris, FRANCE

7 / 34 BASELINE KIDNEY FUNCTION AND BLOOD PRESSURE LEVEL ARE MAIN PREDICTORS OF ACUTE KIDNEY INJURY IN PATIENTS ADMITTED WITH CARDIAC DISEASES

S. Avdishina, M. Efremovtseva, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

7 / 35 HIGH PREVALENCE AND POOR PROGNOSIS OF CARDIORENAL INTERRELATIONS IN PATIENTS WITH ACUTE CARDIAC DISEASES

S. Avdishina, M. Efremovtseva, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

7 / 36 MEMBRANE EFFECT ON RATE CARDIAC MARKER IN ALGERIAN HAEMODIALYSIS PATIENTS

M. Arab¹, A. Zenati², D. Haddouche³, N. Labou⁴, T. Rayane¹, Z. Guechi¹
¹ Hussein Dey, ² Bab el Oued, ³ Blida, ⁴ Kolea, ALGERIA

Posters' Session PS18

METABOLIC DISORDERS AND SLEEP APNOEA

Chairpersons: G. Mule¹ (*Palermo, ITALY*),
G.L. Seravalle (*Milan, ITALY*)

ROOM **8** POSTERS FROM **1** TO **29**

8 / 1 DECREASED CIRCULATING T REGULATORY LYMPHOCYTES IN OBESE PATIENTS UNDERGOING BARIATRIC SURGERY

C. Agabiti Rosei, C. Rossini, F. Mitterpergher, A. Titi, N. Portolani, C. De Ciuceis, S. Caletti, M.A. Coschignano, V. Trapletti, E. Porteri, P. Pileri, E. Agabiti Rosei, D. Rizzoni
Brescia, ITALY

8 / 2 PREVALENCE OF CARDIOVASCULAR DISEASE ACCORDING TO THE TIME OF EVOLUTION OF DIABETES IN PATIENTS INCLUDED IN THE IBERICAN STUDY

D. Rey Aldana¹, S. Miravet Jimenez², A. Díaz Rodríguez³, J.L. Llisterri Caro⁴, J. Polo Garcia⁵, J. Acevedo Vazquez⁶, J.C. Aguirre Rodríguez⁷, E. García Criado⁸, L. Ginel Mendoza⁹, J.M. Fernández Toro⁵
¹ Pontevedra, ² Barcelona, ³ Leon, ⁴ Valencia, ⁵ Cáceres, ⁶ Sevilla, ⁷ Granada, ⁸ Cordoba, ⁹ Malaga, SPAIN

8 / 3 CAROTID-FEMORAL PULSE WAVE VELOCITY PREDICTS KIDNEY FUNCTION IN MEXICAN PATIENTS WITH TYPE 2 DIABETES MELLITUS: A CROSS-SECTIONAL STUDY

C. Ramos-Becerra, G. Alanis-Sanchez, E. Coldivar-Gabriel, S. Totsuka-Sutto, F. Grover-Paez, S. Pascoe-Gonzalez, D. Cardona-Müller, E.G. Cardona Muñoz
Guadalajara, MEXICO

8 / 4 CHRONIC URIC ACID ELEVATION IS ASSOCIATED TO BAROREFLEX IMPAIRMENT IN HYPERTENSIVE WOMEN

A.J. Ramirez, A.I. Christen, R.A. Sanchez
Buenos Aires, ARGENTINA

8 / 5 EFFECTS OF GREEN TEA EXTRACT ON ARTERIAL STIFFNESS IN PATIENTS WITH TYPE 2 DIABETES: A RANDOMIZED, DOUBLE-BLINDED, AND PLACEBO-CONTROLLED TRIAL

P. Quezada Fernández, F. Grover Paez, S. Pascoe Gonzalez, C. Ramos-Becerra, M. Rodriguez De La Cerda
Guadalajara, MEXICO

8 / 6 EARLY ADVERSE EFFECT OF ABNORMAL GLUCOSE METABOLISM ON LEFT VENTRICULAR MASS IN NEVER TREATED HYPERTENSIVE PATIENTS

P. Pietri, C. Vlachopoulos, P. Xaplanteris, D. Terentes-Printzios, C. Stefanadis
Athens, GREECE

8 / 7 RELATIONSHIP OF ELASTIC VASCULAR WALL PROPERTIES, RENAL FUNCTION AND INFLAMMATORY BIOCHEMICAL MARKERS IN HYPERTENSIVE PATIENTS WITH METABOLIC DISORDERS

T. Petelina, N. Musikhina, L. Gapon, K. Avdeeva
Tyumen, RUSSIA

8 / 8 INFLUENCE OF ICE WATER INTAKE ON THE AUTONOMIC NERVOUS SYSTEM AND BLOOD PRESSURE IN HEALTHY YOUNG SUBJECTS

T. Pereira, R. Carvalho, J. Maldonado, J. Conde
Coimbra, PORTUGAL

8 / 9 CLINICAL CORRELATES OF NT-PROBNP LEVEL IN ANEMIC AND NON-ANEMIC PATIENTS WITH TYPE 2 DIABETES COMPLICATED WITH CARDIORENAL SYNDROME

I. Pchelina, N. Hudiakova, A. Shishkin
Saint-Petersburg, RUSSIA

8 / 10 IMPACT OF SHORT-TERM CPAP TREATMENT ON DAY AND NIGHTTIME ACTIVITY IN OBSTRUCTIVE SLEEP APNOEA HYPERTENSIVE PATIENTS

D. Ostrówka, M. Nowak, A. Komand, W. Kucharska, A. Szyndler, J. Wolf, K. Narkiewicz
Gdansk, POLAND

8 / 11 INFLUENCE OF CPAP THERAPY ON ENDOTHELIAL FUNCTION IN PATIENTS WITH TYPE 2 DIABETES ACCORDING TO FLOW-MEDIATED VASODILATION

V. Oleynikov, N. Burko, L. Salyamova, Y. Tomashevskaya
Penza, RUSSIA

8 / 12 ASSOCIATION BETWEEN INCREASED ELASTIN TURNOVER AND LEFT VENTRICULAR HYPERTROPHY IN HYPERTENSIVE PATIENTS WITH TYPE 2 DIABETES MELLITUS

A. Nikolov, I. Tsinlikov, I. Tsinlikova, G. Nicoloff, A. Blazhev
Pleven, BULGARIA

8 / 13 NEWLY DIAGNOSED DIABETES MELLITUS: BLOOD PRESSURE LEVELS ARE ASSOCIATED WITH VASCULAR DAMAGE

B. Nikolaidou, E. Gkaliagkousi, I. Zografou, A. Triantafyllou, E. Gavriilaki, A. Lazaridis
Thessaloniki, GREECE

8 / 14 ASSOCIATION BETWEEN ONE-HOUR POST-LOAD PLASMA GLUCOSE LEVELS AND ARTERIAL STIFFNESS IN NORMOTENSIVE SUBJECTS WITH NORMAL GLUCOSE TOLERANCE

A. Nakagomi, Y. Sunami, S. Okada, Y. Ohno, T. Shoji, T. Fujisawa, Y. Kobayashi
Chiba, JAPAN

8 / 15 EFFECT OF LONG-TERM USE OF CONTINUOUS POSITIVE AIRWAY PRESSURE TREATMENT ON BLOOD PRESSURE IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA AND RESISTANT HYPERTENSION

E. Muxfeldt, A. Hollanda Cavalcanti, B. Dussoni Moreira Dos Santo, F. Sztajnbock, J. Moreno De Azevedo, F. De Souza, P. Moreira Costa, A. Fernandes Cortez
Rio de Janeiro, BRAZIL

8 / 16 SUBCLINICAL MYOCARDIAL INJURY IN YOUNG TYPE 1 DIABETIC PATIENTS (DM) WITHOUT CORONARY ARTERY DISEASE

D. Medvedev, Y. Mahamat, V. Efimova, A. Safarova, Z. Kobalava
Moscow, RUSSIA

8 / 17 HEART RATE VARIABILITY IN YOUNG PATIENTS WITH TYPE 1 DIABETES MELLITUS IS A MARKER OF CARDIAC AUTONOMIC NEUROPATHY

D. Medvedev, Y. Mahamat, V. Efimova, A. Safarova, Z. Kobalava
Moscow, RUSSIA

8 / 18 SCREENING FOR SLEEP APNOEA SYNDROME IN POST-MENOPAUSAL WOMEN AT CARDIOVASCULAR RISK

A. Madika, S. Sediri, C. Monaca, P. Delsart, G. Ledieu, C. Mounier Vehier
Lille, FRANCE

8 / 19 URIC ACID AND METABOLIC SYNDROME COMPONENTS IN HYPERTENSIVE PATIENTS. DIFFERENCES BETWEEN MEN AND WOMEN STRATIFIED BY THE MENOPAUSAL STATUS

C. Liakos, E. Karpanou, C. Grassos, M. Markou, G. Vyssoulis, D. Tousoulis
Athens, GREECE

8 / 20 DISORDER OF BREATHING DURING SLEEP AS A TRIGGER OF CARDIOVASCULAR COMPLICATIONS

I. Chukaeva, V. Larina, A. Litvin, T. Mironova
Moscow, RUSSIA

8 / 21 MUSCLE SYMPATHETIC NERVE ACTIVITY IS ASSOCIATED WITH ELEMENTS OF THE PLASMA LIPIDOMIC PROFILE IN YOUNG ASIAN ADULTS AT LOWER LEVELS OF OBESITY

N. Eikelis¹, E. Lambert¹, S. Phillips¹, C. Sari¹, J. Weir¹, K. Huynh¹, J. Dixon¹, M.P. Schlaich^{1,2}, P. Meikle¹, G. Lambert¹
¹ Melbourne, ² Perth, AUSTRALIA

8 / 22 EFFECTS OF MOXONIDINE AND LOW CALORIE DIET IN YOUNG OVERWEIGHT MALES

E. Lambert¹, C. Sari¹, G.A. Head¹, M. Grima¹, N. Eikelis^{1,2}, N. Straznicky¹, M.P. Schlaich³, J. Dixon¹, G. Lambert^{1,2}
¹ Melbourne, ² Hawthorn, ³ Perth, AUSTRALIA

8 / 23 DYNAMICS OF VASCULAR ENDOTHELIAL GROWTH FACTOR AND ANGIOPOETIN-2 BLOOD LEVELS IN PATIENTS WITH HYPERTENSION AND ABDOMINAL OBESITY AFTER ONE YEAR COMBINED ANTYHYPERTENSIVE

S. Koval¹, O. Mysnychenko², I. Snegurskaya³, M. Penkova⁴, E. Vysotskaya⁵
Kharkiv, UKRAINE

8 / 24 INTRARENAL VASCULAR RESISTANCE AND CIRCADIAN BLOOD PRESSURE PROFILE IN HYPERTENSIVE DIABETIC PATIENTS

O. Koshelskaya, O. Zhuravleva, I. Vinnitskaya
Tomsk, RUSSIA

8 / 25 DYNAMICS OF CLINICAL AND PSYCHOLOGICAL PARAMETERS IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA AND HYPERTENSION AGAINST THE BACKGROUND OF CPAP THERAPY ONE MONTH LATER

K. Konovalova, E. Elfimova, V. Fedorova, A. Litvin
Moscow, RUSSIA

8 / 26 EARLY VARIATIONS IN AUGMENTATION INDEX AND PULSED WAVE VELOCITY IN PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA AND ARTERIAL HYPERTENSION POST CEPAP TREATMENT

W. Khalil, W. Mansour, M. Awad Allah
Zagazig, EGYPT

8 / 27 DISCORDANCE BETWEEN ORAL GLUCOSE TOLERANCE TEST AND GLYCATED HAEMOGLOBIN FOR DYSGLYCAEMIA DIAGNOSIS IN MIXED-ANCESTRY SOUTH AFRICAN: THE INFLUENCE OF GLYCATION GAP AND ANAEMIA

A. Kengne, R.T. Erasmus, T.E. Matsha
Cape Town, SOUTH AFRICA

8 / 28 IMPACT OF BODY MASS INDEX ON RISK FACTORS AND TARGET ORGAN DAMAGE
 I. Kyriazis, M. Kallistratos, L.E. Poulimenos, A. Groutsis, N. Kouremenos, A. Koukouzeli,
 P. Tsinivizov, N. Kontogiannis, K. Kifnidis, S. Pagoni, M. Koutsaki, E.F. Hamodraka, A.J. Manolis
 Athens, GREECE

**8 / 29 CLINICAL BENEFITS OF USING DAPAGLIFLOZIN AS PART OF THE COMBINATION
 THERAPY IN PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES**
 S. Koval, T. Starchenko, K. Iushko
 Kharkiv, UKRAINE

Posters' Session PS19

LARGE ARTERIES AND MICROCIRCULATION

Chairpersons: A. Avolio (Sydney, AUSTRALIA),
 A. Redheuil (Paris, FRANCE)

ROOM **9** POSTERS FROM 1 TO 33

**9 / 1 THE POLISH REGISTRY FOR FIBROMUSCULAR DYSPLASIA (ARCADIA-POL STUDY)
 – EVALUATION OF BLOOD PRESSURE PROFILE AND SUBCLINICAL TARGET ORGAN DAMAGE
 IN PATIENTS WITH RENAL FMD**

E. Warchol-Celinska¹, K. Hanus¹, M. Miadziolko¹, M. Januszewicz¹, E. Florczak¹,
 I. Michalowska¹, P. Dobrowolski¹, H. Witowicz¹, L. Stryczynski², A. Prejbisz¹,
 K. Paschalis-Purtak¹, B. Pucilowska¹, I. Cendrowska-Demkow¹, M. Makowiecka-Ciesla¹,
 A. Kleinrok³, P. Dabrowski³, A. Pruszczyk¹, A. Tykarski², A. Klisiewicz¹, A. Januszewicz¹
¹Warsaw, ²Poznan, ³Zamosc, POLAND

**9 / 2 PULSE WAVE VELOCITY AT REST AND BLOOD PRESSURE DURING EXERCISE -
 ADDITIVE OR ALTERNATIVE?**

C. Lizenberg¹, R.G. Ketelhut²
¹Magdeburg, ²Berlin, GERMANY

**9 / 3 ADVENTITIAL FIBROBLASTS-DERIVED VEGF REGULATES VASA VASORUM
 NEOVASCULARIZATION CONTRIBUTING TO VASCULAR INFLAMMATION**

X. Li, M. Hong, D. Zhu, P. Gao
 Shanghai, CHINA

**9 / 4 CORONARY ARTERY PULSE WAVE VELOCITY: THE MISSING LINK BETWEEN
 AORTIC STIFFNESS AND CORONARY EVENTS?**

P. Lantelme, B. Harbaoui, A. Cividjian, P.-Y. Courand
 Lyon, FRANCE

**9 / 5 ULTRASOUND ASSESSMENT OF AORTIC AND CAROTID STIFFNESS IN PATIENTS
 WITH BREAST CANCER AND DIFFERENT HYPERTENSIVE STATUS**

M. Kirillova, M. Andreevskaya, M. Tripoten, O. Pogorelova, M. Saidova, T. Balakhonova,
 A. Rogoza, E. Oshchepkova, I. Chazova
 Moscow, RUSSIA

**9 / 6 HEMODYNAMIC PARAMETERS OF COMMON CAROTID ARTERY ARE ASSOCIATED
 WITH ATHEROSCLEROTIC CARDIOVASCULAR DISEASE AND CARDIAC FUNCTION**

G. Kim, S.N. Lee, D. Moon, J.H. Kim, K.W. Moon, K.D. Yoo, C.M. Kim
 Seoul, SOUTH KOREA

9 / 7 CHANGES OF THE VASCULAR WALL RIGIDITY AND MICROCIRCULATION: AGE OR ARTERIAL HYPERTENSION?

N. Karseladze, I. Chukaeva, N. Orlova, Y.A. Spiriyakina
Moscow, RUSSIA

9 / 8 RETINAL CAPILLARY RAREFACTION IN PATIENTS WITH HYPERTENSION, TYPE 2 DIABETES MELLITUS AND HEALTHY CONTROLS

A. Jumar¹, J. Harazny^{1,2}, C. Ott¹, K. Striepe¹, M.V. Karg¹, R.E. Schmieder¹
¹ *Erlangen, GERMANY*, ² *Olsztyn, POLAND*

9 / 9 CENTRAL AORTIC SYSTOLIC BLOOD PRESSURE CAN PREDICT PROLONGED QRS DURATION BETTER THAN BRACHIAL ARTERY SYSTOLIC BLOOD PRESSURE

Y. Huang¹, J.Y. Chen¹, Y.Q. Feng¹, S.T. Tang²
¹ *Guangzhou, Dongguan, CHINA*

9 / 10 THE ARCADIA-POL STUDY– INVOLVEMENT OF CERVICAL AND INTRACRANIAL ARTERIES IN RELATION TO VASCULAR COMPLICATIONS AND ASSOCIATED CLINICAL SYMPTOMS IN PATIENTS WITH RENAL FMD

L. Swiatlowski¹, K. Hanus², E. Warchol-Celinska², M. Januszewicz², I. Michalowska², E. Florczak², A. Prejbisz², J. Kadziela¹, K. Widecka³, M. Soltysiak³, O. Rowinski², I. Pajak⁴, M. Kabat², P. Odrowaz-Pieniazek⁵, L. Tekieli⁵, B. Wozakowska-Kaplon⁶, L. Stefanczyk⁷, T. Przewlocki⁵, A. Januszewicz², M. Szczerbo-Trojanowska¹
¹ *Lublin*, ² *Warsaw*, ³ *Szczecin*, ⁴ *Wroclaw*, ⁵ *Krakow*, ⁶ *Kielce*, ⁷ *Lodz, POLAND*

9 / 11 COMPUTATIONAL ASSESSMENT OF MODEL BASED WAVE SEPARATION USING A DATABASE OF VIRTUAL SUBJECTS

B. Hametner, M. Schneider, S. Parragh, S. Wassertheurer
Vienna, AUSTRIA

9 / 12 ASSOCIATION OF ISOLATED MORNING HYPERTENSION WITH ARTERIAL MEASURES IN UNTREATED CHINESE PATIENTS

Q. Guo, Y.B. Cheng, D.Y. Zhang, Q.F. Huang, C.S. Sheng, J. Wang, Y. Li
Shanghai, CHINA

9 / 13 POST OCCLUSIVE REACTIVE HYPEREMIC RESPONSE OF SKIN MICROCIRCULATION IN EXTREMELY OBESE HYPERTENSIVE AND NON-HYPERTENSIVE PATIENTS AFTER BARIATRIC SURGERY

B. Gryglewska, A. Gluszevska, B. Zarzycki, A. Dzieza-Grudnik, M. Fedyk-Lukasik, P. Major, A. Budzynski, T. Grodzicki
Kraków, POLAND

9 / 14 THE BODY SHAPE INDEX IS ASSOCIATED WITH THE VASCULAR STRUCTURE AND FUNCTION IN CAUCASIAN ADULTS. MARK STUDY

L. Gomez-Sanchez¹, L. Garcia-Ortiz¹, M.C. Patino-Alonso¹, J.I. Recio-Rodriguez¹, F. Rigo², R. Marti³, C. Agudo-Conde¹, M. Gomez-Sanchez¹, J. Gonzalez-Sanchez¹, E. Rodriguez-Sanchez¹, J.A. Maderuelo-Fernandez¹, R. Ramos³, M.A. Gomez-Marcos¹
¹ *Salamanca*, ² *Palma*, ³ *Girona, SPAIN*

9 / 15 RETINAL ARTERIOLES HYPERTROPHIC REMODELING IN UNCONTROLLED ACROMEGALY

A. Gallo, E. Kassasseya, A. Mattina, E. Bruckert, X. Girerd, C. Jublanc, D. Rosenbaum
Paris, FRANCE

9 / 16 SHORT-TERM RETINAL ARTERIOLAR LUMEN CHANGES ARE UNRELATED TO PERIPHERAL VASCULAR RESISTANCE CHANGES IN TREATED HYPERTENSIVE PATIENTS

A. Gallo, X. Girerd, S. Laurent, B. Levy, D. Rosenbaum
Paris, FRANCE

9 / 17 AORTIC RESERVOIR FUNCTION, REGIONAL ARTERIAL STIFFNESS AND AORTIC-TO-BRACHIAL STIFFNESS GRADIENT IN DIALYSIS POPULATION

C. Fortier¹, M. Desjardins¹, A. Sidibé¹, M.G. Schultz², J.E. Sharman², M. Agharazii¹
¹ Québec, CANADA, ² Hobart, AUSTRALIA

9 / 18 ASSOCIATION OF ARTERIOSCLEROSIS AND/OR ATHEROSCLEROSIS WITH HYPERTENSIVE TARGET ORGAN DAMAGES IN THE COMMUNITY-DWELLING ELDERLY CHINESE: THE NORTHERN SHANGHAI STUDY

X. Fan, Y. Xu, Y. Zhang, Y. Lu, J. Xiong, S. Yu, C. Chi, B. Bai, J. Teliewubai, Y. Zhou
Shanghai, CHINA

9 / 19 ANGIOLOGIC SCREENING OF YOUNG POPULATION IN SOUTH REGION OF RUSSIA: EXPERIENCE WITH CARDIO-ANKLE INDEX

M. Evseyeva, E. Fursova, M. Eremin, A. Rusidi, O. Sergeeva, V. Koshel
Stavropol, RUSSIA

9 / 20 TWENTY-FOUR-HOUR ARTERIAL RIGIDITY IN MIDDLE-AGED AND ELDERLY PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE WITH AND WITHOUT ARTERIAL HYPERTENSION

G. Dolischnyaya, N. Karoli, A. Rebrov
Saratov, RUSSIA

9 / 21 ASSOCIATION BETWEEN QTC AND VASCULAR STIFFNESS

A. Di Leva¹, M. Boscaro¹, F. Botto², S. Obregon^{1,2}, J.H. Bang², M. Koretzky², G. Fischer Sohn², C. Kotliar^{1,2}
¹ San Isidro, ² Pilar, ARGENTINA

9 / 22 VALIDATION OF A NEW CENTRAL AORTIC PRESSURE MEASUREMENT EQUIPMENT AORTIC COMPARED WITH SPHYGMOCOR

P. Cuffaro, M. Morales, M. Rada, C. Galarza, J. Alfie, M. Marin, R.G. Micali, J. Barochiner, L. Aparicio, G. Waisman
Buenos Aires, ARGENTINA

9 / 23 LACK OF AN ASSOCIATION BETWEEN LOW PLASMA VITAMIN D AND CAROTID ARTERY STIFFNESS IN HYPERTENSION

C. Catena, G.L. Colussi, M. Novello, F. Martinis, L.A. Sechi
Udine, ITALY

9 / 24 DETERMINANTS OF INAPPROPRIATELY HIGH PULSE WAVE VELOCITY IN HYPERTENSIVE PATIENTS: A RETROSPECTIVE CROSS-SECTIONAL COHORT STUDY

R.M. Bruno¹, M. Di Pilla¹, S. Buralli¹, M. Sgrò¹, P.A. Modesti², S. Taddei¹, L. Ghiadoni¹
¹ Pisa, ² Florence, ITALY

9 / 25 INCREASED CENTRAL PRESSURE AUGMENTATION IS ASSOCIATED WITH REDUCED SLEEP DURATION IN INDIVIDUALS EXPOSED TO AIRCRAFT NOISE POLLUTION: THE SERA-CV STUDY

R.M. Bruno, U. Faraguna, M. Di Pilla, M. Di Galante, T. Banfi, A. Gemignani, F. Fidecaro, G. Licitra, E. Bonanni, S. Berrettini, M.A. Vigotti, S. Taddei, L. Ghiadoni
Pisa, ITALY

9 / 26 PULSE WAVE SPEED - A METHOD IN MONITORING OF HYPERTENSION IN CLINICAL PRACTICE

J. Ayoub², I. Machado¹
¹ Rio de Janeiro, ² São Paulo, BRAZIL

9 / 27 APPLICATION OF NEURAL NETWORKS FOR ESTIMATION OF AORTIC SYSTOLIC PRESSURE FROM PERIPHERAL SYSTOLIC AND DIASTOLIC PRESSURE

H.G. Xiao¹, A. Qasem², M. Butlin², A. Avolio²
¹ Chongqing, CHINA, ² Sydney, AUSTRALIA

9 / 28 DETECTION OF RETINAL MICROVASCULAR ALTERATIONS IN RHEUMATOID ARTHRITIS PATIENTS WITHOUT CARDIOVASCULAR DISEASES

P. Anyfanti¹, A. Triantafyllou¹, X. Zabulis², P. Karamaounas², C. Zamboulis¹, S. Aslanidis¹, S. Douma¹
¹ Thessaloniki, ² Heraklion, GREECE

9 / 29 DETERMINANTS OF EARLY VASCULAR AGEING: A MULTIVARIATE ANALYSIS

C. Antza, I. Doundoulakis, S. Stabouli, V. Kotsis
Thessaloniki, GREECE

9 / 30 ULTRASOUND ASSESSMENT OF AORTIC STIFFNESS IN HYPERTENSIVE PATIENTS WITH TAKAYASU AORTOARTERITIS

M. Andreevskaya, N. Chikhladze, M. Kirillova, M. Saidova, A. Rogoza, I. Chazova
Moscow, RUSSIA

9 / 31 ASSOCIATION OF SUBCLINICAL VASCULAR DAMAGE AND CARDIOVASCULAR RISK IN RUSSIAN POPULATION

A. Alieva, O. Rotar, A. Orlov, M. Boyarinova, E. Moguchaya, V. Solntsev, A. Konradi, E. Shlyakhto
Saint-Petersburg, RUSSIA

9 / 32 RESERVOIR-PRESSURE ANALYSIS PREDICTS CARDIOVASCULAR EVENTS IN INDIVIDUALS WITH TYPE 2 DIABETES: A SINGLE-CENTRE STUDY

K. Aizawa¹, F. Casanova¹, D.M. Mawson¹, K.M. Gooding¹, C.M. Park², S. Elyas¹, D.D. Adingupu¹, W.D. Strain¹, K.H. Parker², P.E. Gates¹, A. Shore¹, A.D. Hughes²
¹ Exeter, ² London, UNITED KINGDOM

9 / 33 INVASIVE AORTIC PRESSURES IN AN ARAB POPULATION- IMPACT OF AGE & GENDER

A. Mahmud, M. Balgith, K. Ayoub, F. Khan, M. Samir, B. Thanoon, A. Al Shabeeb, M.A. Ghamdi
Riyadh, KINGDOM OF SAUDI ARABIA

Posters' Session PS20

ATHEROSCLEROSIS

Chairpersons: D. Rizzoni (*Brescia, ITALY*), TBD

ROOM **10** POSTERS FROM 1 TO 23

10 / 1 REPRODUCIBILITY OF DIFFERENT MEASURES OF ENDOTHELIAL FUNCTION

K. Ibrahim¹, Y. de Graaf², R. Draijer², A.H.J. Danser¹, A. Maassen Van Den Brink¹,
A.H. van den Meiracker¹

¹ Rotterdam, ² Vlaardingen, THE NETHERLANDS

10 / 2 CHANGES IN MICRO-RNA PROFILE AND MICRO-RNA / MESSENGER-RNA REGULATORY NETWORKS IN HUMAN ENDOTHELIAL CELLS EXPOSED TO ESTRADIOL

C. Hermenegildo¹, D. Perez-Cremades¹, X. Vidal-Gomez¹, A. Mompeon¹, A.P. Dantas², S. Novella¹

¹ Valencia, ² Barcelona, SPAIN

10 / 3 LINKING ENDOTHELIAL DYSFUNCTION TO THE BIOLOGICAL PROFILE OF INFLAMMATION AND COAGULATION AT HYPERTENSIVE PATIENTS WITH OR WITHOUT DIABETES MELLITUS

A. Gavrilă, M. Florea, M. Ciobanu, C. Pritulescu, R. Persu, I. Sosea, A. Rosu

Craiova, ROMANIA

10 / 4 CARDIOPROTECTIVE MODULATION OF T-CELL IMMUNITY BY ANTIHYPERTENSIVE SS-BLOCKER NEBIVOLOL DURING EXPERIMENTAL ISCHEMIA IN HUMAN MYOCARDIAL TISSUE

S. Gasser, K. Ablasser, R. Gasser

Graz, AUSTRIA

10 / 5 THE EFFECT OF PROSTAGLANDIN E1 ANALOGUE TREATMENT ON MORTALITY AND AMPUTATION RATE IN PATIENTS WITH CRITICAL LIMB ISCHEMIA

L. Gaspar, A. Komornikova, V. Stvrtinova, P. Gavornik, E. Ambrozy, I. Gasparova

Bratislava, SLOVAK REPUBLIC

10 / 6 MONOCYTE COUNTS RELATES WITH SYSTOLIC BLOOD PRESSURE AND PULSE PRESSURE

R. Salvado, C. Agudo-Conde, J.I. Recio-Rodriguez, M.C. Patino-Alonso, M.A. Gomez-Marcos,

A. De Cabo Laso, B. Sanchez Salgado, A. Sanchez-Rodriguez, J. Gonzalez-Sanchez,

L. Garcia-Ortiz

Salamanca, SPAIN

10 / 7 HYPERTENSION IN AUTOIMMUNE DISEASES - RELATIONSHIP BETWEEN ANTIPHOSPHOLIPID ANTIBODY TYPE AND TITER ON HYPERTENSION PRESENCE IN PATIENTS WITH ANTIPHOSPHOLIPID SYNDROME

A. Djokovic, L. Stojanovich, S. Hinic, M. Zdravkovic

Belgrade, SERBIA

10 / 8 ABNORMALITIES OF THE EXTRACELLULAR DEGRADATION OF COLLAGEN TYPE I IN HEALTHY NORMOTENSIVES WITH HIGH NORMAL BLOOD PRESSURE

P. Dimitris, E. Sanidas, D. Perrea, I. Barbetseas

Athens, GREECE

10 / 9 ASSOCIATION OF CIRCULATING TGFB-1, MMP-2 AND TIMP-2 ARE ASSOCIATED WITH INFLAMMATION AND PROGRESSION OF CKD IN PATIENTS WITH EARLY STAGES OF TYPE 2 DIABETIC NEPHROPATHY

G. Dimas, T. Tegos, I. Karamouzis, T. Toumpouras, S. Dimopoulou, C. Savvopoulos, A. Hatzitolios, D. Grekas
Thessaloniki, GREECE

10 / 10 ENDOTHELIAL DYSFUNCTION AND VASCULAR REMODELING IN PATIENTS WITH ESSENTIAL ARTERIAL HYPERTENSION

Y. Danilogorskaya, Y. Belenkov, E. Privalova, E. Zheleznykh, G. Shakaryants, M. Kozhevnikova, A. Schendrygina, A. Lishuta
Moscow, RUSSIA

10 / 11 TRADITIONAL CARDIOVASCULAR RISK FACTORS OR INFLAMMATION: WHICH FACTORS ACCELERATE ATHEROSCLEROSIS IN ARTHRITIS PATIENTS?

A. Dalbeni¹, A. Giollo¹, A. Tagetti¹, S. Atanasio¹, G. Orsolini¹, F. Ognibeni², G. Cioffi², M. Rossini¹, P. Minuz¹, C. Fava¹, O. Viapiana¹
¹ Verona, ² Trento, ITALY

10 / 12 NEW INFLAMMATORY MARKER YKL-40 IS ASSOCIATED WITH EARLY RENAL FUNCTION DECLINE IN HYPERTENSIVE PATIENTS WITH CONCOMITANT CORONARY ARTERY DISEASE AND TYPE 2 DIABETES MELLITUS

E. Churakova, A. Shubina, M. Bolotina, V. Masenko, Y. Karpov
Moscow, RUSSIA

10 / 13 THE INFLUENCE OF MONO- AND MULTIPLE ANTIHYPERTENSIVE THERAPY ON THE INTENSITY OF SYSTEMIC INFLAMMATION OF PATIENTS WITH HYPERTENSION

G. Bozhenko, L. Mishchenko
Kiev, UKRAINE

10 / 14 CIRCULATING BIOMARKERS OF INFLAMMATION AND LEFT VENTRICULAR HYPERTROPHY IN PATIENTS WITH HYPERTENSION

O. Bilchenko, A. Bilchenko
Kharkiv, UKRAINE

10 / 15 RISK FACTORS FOR CARDIOVASCULAR DISEASES IN PATIENTS WITH RHEUMATOID ARTHRITIS

I. Bijedic, A. Bijedic, S. Bijedic, Z. Kusljugic, D. Loncar
Tuzla, BOSNIA AND HERZEGOVINA

10 / 16 NON-CLASSICAL PHENOTYPE OF CIRCULATING ENDOTHELIAL PROGENITOR CELLS IN INDIVIDUALS WITH ABDOMINAL OBESITY

A. Berezin, A. Kremzer, T. Berezina
Zaporozhye, UKRAINE

10 / 17 THERAPEUTIC TREATMENT OF THE TOTAL CAROTID PLAQUE AREA IN PATIENTS WITH PREHYPERTENSION AND HYPERTENSION

N. Balashenka, V. Podpalov
Vitebsk, BELARUS

10 / 18 DETERMINANTS OF CAROTID ATHEROSCLEROSIS IN PATIENTS WITH RHEUMATOID ARTHRITIS

P. Anyfanti, A. Triantafyllou, N. Koletsos, E. Mantzouranis, G. Triantafyllou, S. Chatzimichailidou, E. Gkaliagkousi, S. Aslanidis, S. Douma
Thessaloniki, GREECE

10 / 19 ASSOCIATION OF CAROTID STIFFNESS PARAMETERS WITH PULMONARY FUNCTION IN PATIENTS WITH SYSTEMIC SCLEROSIS AND PULMONARY HYPERTENSION

G. Alanis-Sanchez, K. De La Cruz-Rodriguez, C. Ramos-Becerra, A. Macias-Chumacera, D. Cardona-Müller, S. Totsuka-Sutto, S. Cerpa-Cruz, M. Jimenez-Cazarez, E.G. Cardona Muñoz
Guadalajara, MEXICO

10 / 20 SODIUM CHLORIDE ALTERS DENDRITIC CELL POLARIZATION TOWARDS TH1 CELLS

S. Al-Hajj, R. Lemoine, A. Héraud, C. Lefort, L. Benoist, I. Kazma, L. Lamendour, N. Deluce, S. Kouba, C. Hoarau, P. Gatault, M. Buchler, C. Baron, J.M. Halimi
Tours, FRANCE

10 / 21 ANTI-INFLAMMATORY EFFECTS OF CAPTOPRIL IN PATIENTS WITH HYPERTENSION UNDERWENT CORONARY ARTERY BYPASS SURGERY

W. Aditya, N. Hersunarti, R. Zahara, R. Soerarsa, B.B. Siswanto
Jakarta, INDONESIA

10 / 22 ENDOTHELIAL OVEREXPRESSION OF MMP-9, A FUNCTIONAL POLYMORPHISM AND CIRCULATING SERUM LEVELS PREDISPOSE TO ENDOTHELIAL APOPTOSIS AND ATHEROSCLEROSIS IN TYPE 2 DIABETIC NEPHROPATHY

G. Dimas¹, E. Beretouli¹, K. Voskarides², A. Papagiannis¹, T. Tegos¹, I. Karamouzis¹, G. Karagianopoulou¹, C. Savopoulos¹, C. Deltas², G. Karkavelas¹, A. Hatzitolios¹, D. Grekas¹
¹ Thessaloniki, GREECE, ² Nicosia, CYPRUS

10 / 23 INCREASED OXIDATIVE STRESS AND METALLOPROTEINASE ACTIVITY DURING EXPANSIVE VASCULAR REMODELING IN A MURINE MODEL OF VASCULAR CALCIFICATION AND DIABETES MELLITUS

L. Carmo, Y. Almeida, E. Farias-Silva, L. Alves, E. Burdmann, M. Liberman
São Paulo, BRAZIL

Late-Breaker Posters

SESSION 2

Chairperson: M. Bursztyn (Jerusalem, ISRAEL)

ROOM 11 POSTERS FROM 1 TO 32

11 / 1 ATHEROSCLEROTIC PLAQUE INFLAMMATION SYNCHRONIZE WITH INFLAMMATORY ACTIVITY OF VISCERAL FAT

S. Kim, H.S. Seo, H.W. Kwon, K.S. Park, S.S. Park
Seoul, SOUTH KOREA

11 / 2 AN ASSESSMENT OF HYPERTENSION AND RISK FACTORS AMONG LAW ENFORCEMENT PERSONNEL IN JODHPUR, INDIA

J. Meena¹, N. Rustagi², V. Jangir²
¹ Udaipur, ² Jodhpur, INDIA

11 / 3 ASSOCIATION BETWEEN REASONS FOR CONSULTATION AND BLOOD PRESSURE VALUES IN PATIENTS WITH HYPERTENSION: A CROSS-SECTIONAL STUDY IN EMERGENCY SERVICES

A.L.L. Sousa, C.F. Oliveira, A. Sousa, F.G. Magalhães, P.V.O. Vitorino, V.V. Brasil, S.R.R. Batista
Goiânia, BRAZIL

11 / 4 EFFECT OF MULTIMORBIDITY ON BLOOD PRESSURE CONTROL IN BRAZILIAN ADULTS: DATA FROM THE 2013 NATIONAL HEALTH SURVEY

S.R.R. Batista¹, A.T. Stein², P.V.O. Vitorino¹, T.R. Flores³, A.L.L. Sousa¹, D.P. Nunes⁴,
B.P. Nunes³

¹ *Goiânia*, ² *Porto Alegre*, ³ *Pelotas*, ⁴ *Palmas, BRAZIL*

11 / 5 PREVALENCE OF HYPERTENSIVE AND ORGAN DAMAGE

S. Milanov¹, M. Petrovic¹, M. Vuleta¹, J. Vuckovic-Filipovic¹, V. Iric Cupic¹, G. Davidovic¹,
N. Tasic², D. Dragisic²

¹ *Kragujevac*, ² *Belgrade, SERBIA*

11 / 6 PREVALENT PRACTICES FOR PREVENTION AND CONTROL OF HYPERTENSION IN A RURAL AREA IN DELHI, INDIA

C. Kohli, J. Kishore, N. Gupta, N. Kumar
Delhi, INDIA

11 / 7 DETERMINANTS OF HYPERTENSION AND ITS RISK FACTORS: OBSERVATIONAL STUDY RURAL INDIAN COMMUNITY

N. Dahiya, C. Kohli, J. Kishore, N. Gupta, N. Kumar
Delhi, INDIA

11 / 8 EFFECTS OF GREEN TEA SUPPLEMENTATION ON INFLAMMATION AND BLOOD PRESSURE IN INDUCED HYPERTENSIVE RAT MODEL

P. Bogdanski¹, M. Szulinska¹, M. Stepien¹, M. Kregielska-Narozna¹, J. Suliburska¹,
D. Skrypnik¹, M. Bak-Sosnowska², M. Kujawska-Luczak¹, K. Musialik¹, M. Grzymislawska¹

¹ *Poznan*, ² *Katowice, POLAND*

11 / 9 THE ROLE OF TRANSIENT RECEPTOR POTENTIAL MELASTATIN 7 ON VASCULAR ADVENTITIAL REMODELING CAUSED BY PRESSURE OVERLOAD

S. Guo, P. Gao
Shanghai, CHINA

11 / 10 LP(A) - A GENETIC PROBLEM? SURE, AND A PERSONNEL METABOLOMIC PROFILE!

J. Meireles-Brandao¹, L.R. Meireles-Brandao², R. Coelho¹, F. Rocha-Goncalves¹
¹ *Porto*, ² *Paredes, PORTUGAL*

11 / 11 SYSTEMIC HEMODYNAMIC ATHEROTHROMBOTIC SYNDROME (SHATS) ENTITY THAT WE SHOULD INCLUDE IN DAILY CLINICAL PRACTICE

D. Dragisic¹, M. Petrovic², M. Vuleta², J. Vuckovic-Filipovic², V. Iric Cupic², G. Davidovic²,
N. Tasic¹, S. Milanov²

¹ *Belgrade*, ² *Kragujevac, SERBIA*

11 / 12 TLR4 ANTAGONISM PREVENTS EARLY LEFT VENTRICULAR HYPERTROPHY AND DYSFUNCTION ASSOCIATED WITH NEONATAL HYPEROXIA EXPOSURE

M. Mian, Y. He, M. Bertagnolli, A. Cloutier, T.M. Luu, A.M. Nuyt
Montreal, CANADA

11 / 13 NURSE-LED REPEAT PRESCRIPTIONS FOR PATIENTS WITH CONTROLLED HYPERTENSION. A RANDOMIZED CONTROLLED TRIAL

K. Lee, B.H.K. Yip, R.W.S. Sit, C. Wong, M.C.S. Wong, R. Chung, V.C.H. Chung, K. Kung, S.Y.S. Wong
Hong Kong, HONG KONG

11 / 14 OMEGA-3 FATTY ACID DECREASES BOTH SYSTEMIC INFLAMMATION OF RETICULO-ENDOTHELIAL SYSTEM AND INFLAMMATION AT VASCULAR PLAQUE: F-18 FDG PET/CT STUDY

S. Kim, H.S. Seo, H.W. Kwon, K.S. Park, S.S. Park
Seoul, SOUTH KOREA

11 / 15 EXERCISE TRAINING COULD REDUCE INFLAMMATORY ACTIVITY OF VISCERAL FAT IN OVERWEIGHT WOMEN

S. Kim, H. Seog, H.W. Kwon, K.S. Park, S.S. Park
Seoul, SOUTH KOREA

11 / 16 TELEMONITORING AND REMOTE COUNSELING IN HYPERTENSIVE PATIENTS: A ROUTE TO COST-EFFECTIVENESS

M. Ionov, Y. Yudina, Y. Kuzmina, K. Okuneva, D. Kurapeev, N. Zvartau, A. Konradi
Saint-Petersburg, RUSSIA

11 / 17 OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY AND ARTERIAL HYPERTENSION: A ROLE IN IDENTIFYING EARLY VASCULAR DAMAGE?

A. Grossi, M. Agostinis, S. Moretti, N. Tandurella, G. Cavallaro, V. Pierobon, L. Tavecchia, V. Mancuso, A. Lippi, C. Mongiardi, L. Montalbetti, S. Donati, L. Guasti, A.M. Grandi, A.M. Maresca
Varese, ITALY

11 / 18 DIFFERENCE BETWEEN CAROTID-FEMORAL AND CAROTID-RADIAL PULSE WAVE VELOCITY CAN INDICATE THE EXTENT OF AORTIC ARCH CALCIFICATION IN DIALYSIS PATIENTS

A. Laucyte-Cibulskiene, A. Vinikovas, R. Zemaite, M. Gudynaite, M. Petraviiciute, L. Gumbys, N. Teresius, D. Valanciene, L. Rimsevicius, M. Miglinas, K. Strupas
Vilnius, LITHUANIA

11 / 19 INCREASED AORTIC PULSE WAVE VELOCITY IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE, AN INDIVIDUAL PARTICIPANT DATA META-ANALYSIS

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11 / 20 PERIPHERAL ARTERIAL DISEASE, PRIMARY CARE MANAGEMENT IN A SPANISH HEALTH CENTRE

I. Carmona¹, P. Ramos Ruiz², M. Sánchez Macarro¹, J. Abellán-Huerta³, M. Leal Hernández¹, J. Abellán Alemán¹, J.J. Martínez Díaz², I.A. García-Escribano García², F.G. Clavel Rui Pérez²
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11 / 21 ANTIHYPERTENSIVE AND ENDOTHELIUM PROTECTIVE ACTIVITIES OF BIOACTIVE PEPTIDES FROM SPANISH DRY CURED HAM

S. Montoro García¹, P. Ramos Ruiz², J. Abellán-Huerta³, S.M. Martínez Sánchez¹, J. Abellán Alemán¹, F.G. Clavel Rui Pérez², J.J. Martínez Díaz², I.A. García-Escribano García²
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11 / 22 DRY-CURED HAM, ITS EFFECTS ON HUMAN BLOOD PRESSURE AND CARDIOVASCULAR RISK: A CLINICAL STUDY

S. Montoro Garcia ¹, J.J. Martínez Díaz ², J. Abellan Huerta ³, P. Ramos Ruis ², F.G. Clavel Ruiperez ², P. Zafrilla ¹, F. Celdran ¹, L. Tejada ¹, J. Abellan-Alemán ¹
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11 / 23 TOTAL SURFACE CHARGE OF ERYTHROCYTE MEMBRANES IN PATIENTS WITH METABOLIC SYNDROME

M. Sapacheva, N. Murashko, M. Pisarev, T. Koroleva, V. Podzolkov
 Moscow, RUSSIA

11 / 24 PREVALENCE OF PHYSICAL ACTIVITY AND METABOLIC SYNDROME IN POPULATION OF INDUSTRIAL WORKERS IN OLSZTYN, POLAND

N. Kwella, M. Szczubelek, P. Zielecki, J. Harazny, T. Stompór
 Olsztyn, POLAND

11 / 25 METABOLIC SYNDROME IS ASSOCIATED WITH SYSTEMIC RES ACTIVATION: F-18 FDG PET /CT STUDY

K. Sungeun
 Seoul, SOUTH KOREA

11 / 26 ASSOCIATION OF SERUM URIC ACID AND ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH METABOLIC SYNDROME

C. Singh, S. Jain, V. Dhawan, N. Kalra, S. Kumari
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11 / 27 PREVALENCE OF METABOLIC SYNDROME AND ITS COMPONENTS IN PATIENTS OBSERVED IN HISPA CENTER KRAGUJEVAC, SERBIA

M. Petrovic ¹, M. Vuleta ¹, G. Davidovic ¹, V. Iric Cupic ¹, J. Vuckovic ¹, D. Dragisic ², N. Tasic ², S. Milanov ¹
¹ Kragujevac, ² Belgrade, SERBIA

11 / 28 HIGH PROTEIN INTERMITTENT FASTING INCREASES SERUM POLYCHLORINATED BIPHENYLS AND DECREASES OXIDATIVE STRESS IN OBESE ADULTS

F. He ¹, L. Zuo ², W. Emery ³, P. Arciero ³
¹ Chico, CA, ² Columbus, OH, ³ Saratoga Springs, NY, USA

11 / 29 FEEDING SCHEDULE REDUCES BLOOD PRESSURE BUT DOES NOT PROTECT AGAINST DIET-INDUCED OBESITY IN RATS

P. Scarpace, I. Cote, H. Toklu, N. Tumer
 Gainesville, FL, USA

11 / 30 INSULIN RESISTANCE AS A DETERMINANT OF INSULIN-LIKE GROWTH FACTOR-1 CONCENTRATION CHANGES IN OBESE CAUCASIAN WOMEN TREATED WITH ORLISTAT, METFORMIN, OR DIET

D. Pupek-Musialik, M. Kujawska-Luczak, M. Szulinska, D. Skrypnik, K. Musialik, E. Swora-Cwynar, M. Kregielska-Narozna, M. Grzymislawski, P. Bogdanski
 Poznan, POLAND

11 / 31 PROSPECTIVE OBSERVATION ON THE ASSOCIATION OF METABOLIC SYNDROME WITH SUBCLINICAL LEFT VENTRICULAR CHANGES OVER A SIX-YEAR PERIOD

S. Kim ¹, S. Lee ¹, J. Park ², J. Na ², C. Choi ², H. Lim ², S. Suh ³, C. Shin ¹
¹ Ansan, ² Seoul, ³ Incheon, SOUTH KOREA

**11 / 32 ANTIHYPERTENSIVE DRUG TREATMENT FOR FIRST TRIMESTER HYPERTENSION
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P. Gryglas, P. Jedrusik, E. Wojciechowska, A. Gryglas, M. Dabrowski, B. Symonides, Z. Gaciong
Warsaw, POLAND

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COMPLICATIONS AND COMORBIDITIES

Chairpersons: M. Hausberg (*Karlsruhe, GERMANY*),
P.M. Nilsson (*Malmö, SWEDEN*)

ROOM **A**

**THE CLINICAL CHARACTERISTICS OF PATIENTS WITH PRIMARY ALDOSTERONISM
COMPLICATED WITH OBSTRUCTIVE SLEEP APNOEA - HYPOPNEA SYNDROME**

Q. Ge, M. Li, Y. Zhang, P. Gao, J. Wang, L. Zhu
Shanghai, CHINA

**ORTHOSTATIC BLOOD PRESSURE CHANGES AMONG HYPERTENSIVE AND
NON-HYPERTENSIVE PATIENTS WITH ALZHEIMER'S DISEASE**

R.A.A. De Heus, J.A.H.R. Claassen
Nijmegen, THE NETHERLANDS

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V. Abrich, H. You, K. Cummings, K. Srivathsan
Phoenix, AZ, USA

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M. Turk¹, A.K. Patel², J. Singh², L. Saba³, M. Porcu³, S.K. Jain², A. Nicolaidis⁴, J.L. Laird⁵,
J. Pretnar Oblak¹, J.S. Suri⁶
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⁵ Davis, CA, USA, ⁶ Roseville, CA, USA

**COEXISTENCE OF SLEEP DISTURBANCES IN TREATED HYPERTENSIVE SUBJECTS -
RESULTS OF POL-FOKUS STUDY**

A. Prejbisz¹, P. Talarowska¹, M. Klocek², J. Gasowski², J. Wolf³, T. Piotrowski¹,
A. Piotrowska¹, R. Topor-Madry², W. Lesniak², D. Czarnecka², K. Kawecka-Jaszcz²,
K. Narkiewicz³, A. Januszewicz¹
¹ Warsaw, ² Krakow, ³ Gdansk, POLAND

DOES NIGHTTIME HYPERTENSION IMPACT LEFT VENTRICULAR MECHANICS?

M. Tadic¹, C. Cuspidi², V. Vukomanovic¹, B. Ivanovic¹, B. Pencic¹, V. Celic¹
¹ Belgrade, SERBIA, ² Milan, ITALY

Oral Presentations in Poster Area

DIAGNOSIS AND TREATMENT

Chairpersons: G. Pichler (*Valencia, SPAIN*),
G. Tocci (*Rome, ITALY*)

ROOM **B**

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M. Imanishi, K. Tanaka, R. Ikuto, Y. Zamami, K. Takechi, Y. Horinouchi, Y. Ishizawa, Y. Ikeda, H. Fujino, K. Tsuchiya, T. Tamaki, K. Ishizawa
Tokushima, JAPAN

AMBULATORY BLOOD PRESSURE MONITORING (ABPM): IMPORTANCE OF DURATION ON THE ACCURATE DIAGNOSIS OF HYPERTENSION

A. Nuñez Rodriguez ¹, A. Hermida Ameijeiras ¹, J. Novo Bujan ², J.E. Lopez Paz ¹, M. Ortega Hortas ², C. Calvo Gomez ¹
¹ *Santiago de Compostela*, ² *Coruña, SPAIN*

COMPARATIVE EFFECTS OF VALSARTAN AND EITHER CILNIDIPINE OR HYDROCHLOROTHIAZIDE ON MORNING BLOOD PRESSURE SURGE IN MORNING HYPERTENSIVE PATIENTS

T. Fujiwara ¹, N. Tomitani ¹, H. Kanegae ², K. Kario ¹
¹ *Shimotsuke*, ² *Tokyo, JAPAN*

SHAM OR NO SHAM CONTROL: THAT IS THE QUESTION IN TRIALS OF RENAL DENERVATION FOR RESISTANT HYPERTENSION. A SYSTEMATIC META-ANALYSIS

F.E.M. Fadl Elmula ¹, Y. Feng ², L. Jacobs ³, A. Larstorp ¹, A. Persu ⁴, S.E. Kjeldsen ¹, J.A. Staessen ³
¹ *Oslo, NORWAY*, ² *Beijing, CHINA*, ³ *Leuven*, ⁴ *Brussels, BELGIUM*

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M.R. De Jong, A.F. Hoogerwaard, A. Adiyaman, J.J.J. Smit, J.J. Heeg, B.A.A.M. Van Hasselt, A.R. Ramdat Misier, A. Elvan
Zwolle, THE NETHERLANDS

EPIDEMIOLOGICAL AND CLINICAL IMPLICATIONS OF BLOOD PRESSURE MEASURED IN SEATED AND SUPINE POSITION

E. Privsek ^{1,2}, M. Hellgren ², L. Råstam ³, U. Lindblad ², B. Daka ²
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M. Xu, C. Lu, L. Song
Tianjin, CHINA

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Chairpersons: P. Lopez-Jaramillo (*Floridablanca, COLOMBIA*),
A. Virdis (*Pisa, ITALY*)

ROOM **C**

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B. Schmitz¹, U.F. Wehmeier², L. Thorwesten¹, C.M. Jekat¹, K. Schelleckes¹, A. Klose¹,
M. Lenders¹, M. Krüger¹, E. Brand¹, T. Hilberg², S.M. Brand¹
¹ Münster, ² Wuppertal, ³ GERMANY

CARDIAC BLOOD SUPPLY-WORKLOAD BALANCE IN PEDIATRIC PATIENTS AFTER AORTIC ARCH REPAIR

T. Murakami¹, M. Shiraishi¹, A. Takeda²
¹ Chiba, ² Sapporo, JAPAN

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K. Dimitriadis, C. Tsioufis, N. Vogiatzakis, T. Kalos, M. Kouremeti, K. Syrmali, G. Leontsinis,
D. Konstantinidis, E. Andrikou, D. Tousoulis
Athens, GREECE

THE SNAP-HT TRIAL: SELF-MANAGEMENT OF ANTIHYPERTENSIVE MEDICATION POSTPARTUM – CAN WOMEN DO IT BETTER?

R. McManus¹, A. Cairns¹, K. Tucker¹, P. Leeson¹, L. MacKillop¹, C. Crawford¹,
N. Baker², J. Tebbutt³
¹ Oxford, ² Reading, ³ Aylesbury, UNITED KINGDOM

ASSOCIATION BETWEEN URIC ACID AND CARDIAC, VASCULAR AND RENAL TARGET ORGAN DAMAGE IN HYPERTENSIVES SUBJECTS

A. Maloberti¹, M. Varrenti¹, N. Triglione¹, L. Occhi¹, F. Panzeri¹, M. Alloni¹, L. Giupponi¹,
P. Vallerio¹, M. Casati², G. Grassi¹, G. Mancia¹, C. Giannattasio¹
¹ Milan, ² Monza, ITALY

ACUTE ADMINISTRATION (SINGLE DOSE) OF BEETROOT JUICE ATTENUATES BLOOD PRESSURE DURING ISOMETRIC EXERCISE IN UNTREATED HYPERTENSIVE PATIENTS

A. Triantafyllou¹, A. Zafeiridis², S. Papadopoulou², N. Koletsos¹, E. Gkaliagkousi¹, A. Zafeiridis¹,
I. Grigoriadou², C. Zamboulis¹, K. Dipla², S. Douma¹
¹ Thessaloniki, ² Serres, GREECE

PROGNOSTIC VALUE OF BONE- AND VASCULAR DERIVED MOLECULAR BIOMARKERS IN HEMODIALYSIS AND RENAL TRANSPLANT PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS

G. Pichler¹, M. Haller^{2,3,4}, A. Kainz², M. Wolf⁵, J. Redon^{1,6}, R. Oberbauer²
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⁶ Madrid, SPAIN

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MECHANISMS OF HYPERTENSION

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A. Konradi (*Saint-Petersburg, RUSSIA*)

ROOM **D**

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E. Warchol-Celinska¹, M. Gosk-Przybyłek¹, J. Harazny², E. Binczyk¹, K. Szymanek¹, K. Hanus¹, M. Januszewicz¹, A. Prejbisz¹, L. Swiatlowski³, T. Ostrowski¹, Z. Galazka¹, B. Blazejewska-Hyzorek¹, M. Skowronska¹, A. Kurkowska-Jastrzebska¹, A. Czlonkowska¹, J.P. Szaflik¹, M. Szczerbo-Trojanowska³, R.E. Schmieder², J. Szaflik¹, A. Januszewicz¹
¹ *Warsaw, POLAND*, ² *Erlangen, GERMANY*, ³ *Lublin, POLAND*

THE ROLE OF SIRT3 MEDIATED ENDOTHELIAL TO MESENCHYMAL TRANSITION IN HYPERTENSIVE RENAL FIBROSIS

J. Lin, W. Shen, T. Wei, P. Gao
Shanghai, CHINA

HEART RATE DEPENDENCY OF REGIONAL AND LOCAL AORTIC PULSE WAVE VELOCITY IN RATS AS A FUNCTION OF BLOOD PRESSURE

B. Spronck^{1,2}, I. Tan¹, K.D. Reesink², D. Georgevsky¹, T. Delhaas², A. Avolio¹, M. Butlin¹
¹ *Sydney, AUSTRALIA*, ² *Maastricht, THE NETHERLANDS*

COSYNTROPIN INFUSION SIGNIFICANTLY INFLUENCES THE RESULTS OF ADRENAL VENOUS SAMPLING IN PATIENTS WITH PRIMARY ALDOSTERONISM

M. Solar, A. Krajina, M. Ballon, J. Ceral
Hradec Kralove, CZECH REPUBLIC

SUBTYPING OF PRIMARY ALDOSTERONISM BY AVS: HORMONE AND SIDE-SPECIFIC EFFECTS OF COSYNTROPIN AND METOCLOPRAMIDE

G. Rossitto, L. Lenzini, T.M. Seccia, G. Maiolino, M. Cesari, M. Iacobone, G.P. Rossi
Padua, ITALY

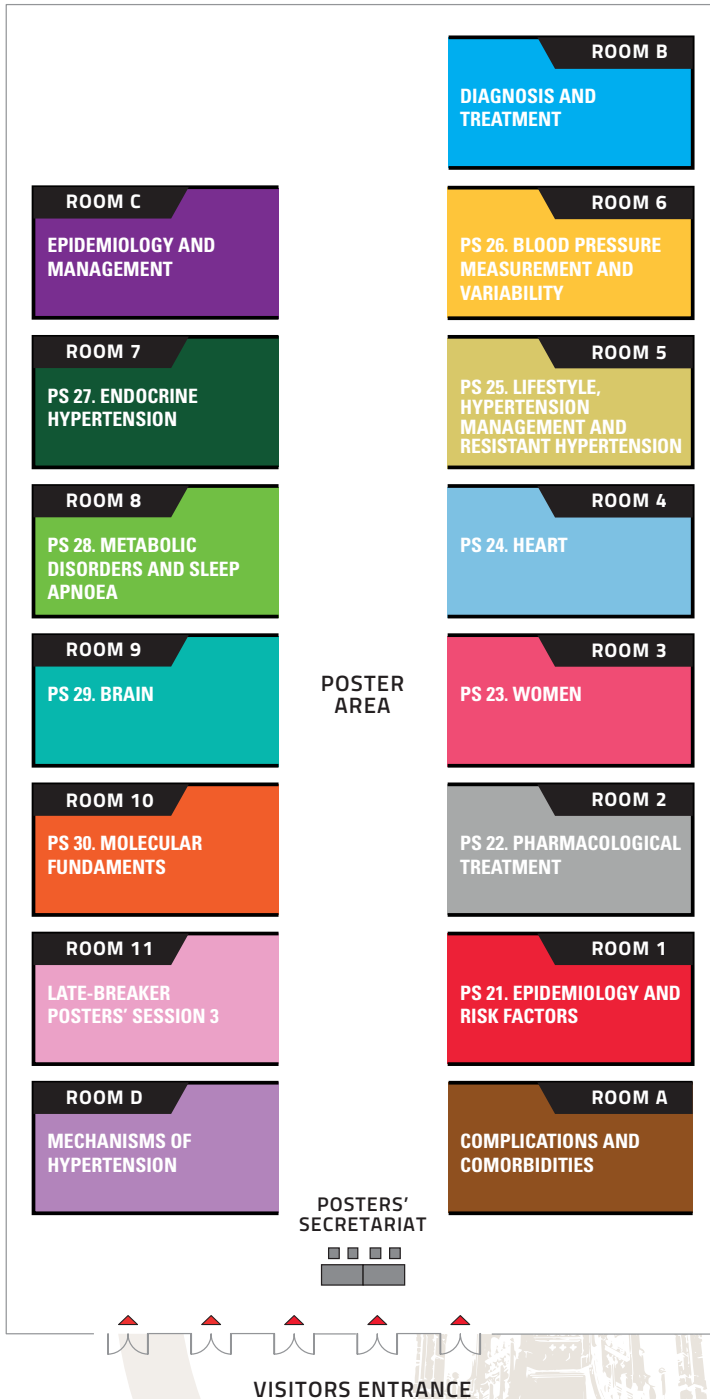
AT2 RECEPTOR-INTERACTING PROTEIN ATTENUATES ISCHEMIC BRAIN DAMAGE IN CONCERT WITH AT2 RECEPTOR ACTIVATION

J. Iwanami, M. Mogi, X. Wang, K. Tsukuda, A. Higaki, M. Kukida, H. Nakaoka, T. Yamauchi, H. Bai, B. Shan, L. Min, M. Horiuchi
Tohon, Ehime, JAPAN

RESIDENT STEM CELLS IN THE PERIVASCULAR ADIPOSE TISSUE IS ALTERED DURING AGING

P. Gao
Shanghai, CHINA

Attended Poster Sessions



Attended Poster Sessions

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PS 22. PHARMACOLOGICAL TREATMENT Chairpersons: P. Maffioli, TBD	ROOM 2 POSTERS FROM 1 TO 25
PS 23. WOMEN Chairperson: T. de Backer	ROOM 3 POSTERS FROM 1 TO 15
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MECHANISMS OF HYPERTENSION Chairpersons: A. Gottsater, G. Pucci	ROOM D

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EPIDEMIOLOGY AND RISK FACTORS

Chairpersons: R.M. Bruno (*Pisa, ITALY*),
S. Carugo (*Milan, ITALY*)

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1 / 1 PREVALENCE OF CARDIOVASCULAR RISK FACTORS AMONG OFFICE WORKERS IN RUSSIA

O. Korneeva, O. Drapkina
Moscow, RUSSIA

1 / 2 MENTAL STRESS, PH AND PCO2 AND SYSTOLIC HYPERTENSION

K. Kisters¹, L. Reither², H. Gell², M. Moser², K. Pichlkastner², S. Porta^{2,3}
¹ *Herne, GERMANY*, ² *Wiener Neustadt, 3 Dillach, AUSTRIA*

1 / 3 CARDIOVASCULAR OUTCOME OF PATIENTS ADMITTED TO THE EMERGENCY DEPARTMENT FOR HYPERTENSIVE URGENCIES

B. Kichou, N. Henine, L. Kichou, M. Ait Said, L. Chaibi, M. Benbouabdellah, A. Hammouche, L. Djermane
Tizi-Ouzou, ALGERIA

1 / 4 FREQUENCY OF ORTHOSTATIC HYPOTENSION AND ITS ASSOCIATION WITH BLOOD PRESSURE CONTROL IN HYPERTENSIVE OLDER PATIENTS

B. Kichou, N. Henine, L. Kichou, M. Ait Said, L. Chaibi, A. Hammouche, M. Benbouabdellah, L. Djermane
Tizi-Ouzou, ALGERIA

1 / 5 PREVALENCE OF ASYMMETRICAL BLOOD PRESSURE AND ITS ASSOCIATION WITH CARDIOVASCULAR EVENTS IN UNCONTROLLED HYPERTENSIVE PATIENTS

B. Kichou, N. Henine, M. Ait Said, L. Kichou, L. Chaibi, M. Benbouabdellah, A. Hammouche, L. Djermane
Tizi-Ouzou, ALGERIA

1 / 6 THE STUDY OF ETHNIC AND GENDER DIFFERENCES IN THE OUTCOMES OF HYPERTENSION ACCORDING TO THE POST-MORTEM EXAMINATION

A. Kerimkulova¹, V. Veber², M. Rubanova², L. Proshina², A. Markabaeva³, A. Ospanova³
¹ *Astana, KAZAKHSTAN*, ² *Veliky Novgorod, RUSSIA*, ³ *Semey, KAZAKHSTAN*

1 / 7 SERUM URIC ACID LEVELS AND 10-YEAR RISK OF FATAL CARDIOVASCULAR DISEASE. A PROSPECTIVE STUDY

M. Kallistratos, S. Giannitsi, L.E. Poulimenos, K. Iliou, A. Koukouzeli, N. Kouremenos, E.F. Chamodraka, S. Pagoni, K. Kyfnidis, A. Pittaras, A.J. Manolis
Athens, GREECE

1 / 8 THE RELATION OF ARTERIAL HYPERTENSION AND TARGET ORGAN DAMAGE IN THE SWISS HYPERTENSION COHORT STUDY

B. Janisch, S. Giezendanner, K. Henny-Fullin, D. Buess, A. Handschin, A. Zeller, J. Leuppi, T. Dieterle
Basel, SWITZERLAND

1 / 9 EFFECT OF A NEW NUTRACEUTIC (LOPIGLIK®) ON CARDIOVASCULAR RISK FACTORS: THE LOPIWEB MULTICENTRIC TRIAL

V. Trimarco ¹, M.V. Manzi ¹, F. Giallauria ¹, P. Tirelli ¹, M.C. Masoni ², B. Paolini ³, M. Vincenzi ⁴, A. Cardinale ⁵, M.R. Di Troia ⁶, R. Izzo ¹

¹ Naples, ² Pisa, ³ Siena, ⁴ Faenza, ⁵ Matera, ⁶ Prato, ITALY

1 / 10 PATIENTS BETTER THAN PHYSICIANS IN ESTIMATING 10-YEAR RISK OF HYPERTENSION-RELATED CARDIOVASCULAR MORBIDITY – COHORT STUDY

M. Hoffmann ¹, P.M. Nilsson ², J. Ahlner ¹, B. Dahlöf ³, M. Fredrikson ¹, R. Säljö ³, K. Kjellgren ¹

¹ Linköping, ² Lund, ³ Gothenburg, SWEDEN

1 / 11 NOVEL IDENTIFICATION OF NOCTURNAL HYPERTENSION IMPROVES PREDICTION OF CARDIOVASCULAR DEATH IN A GENERAL POPULATION

G.A. Head ¹, Y. Sata ¹, Y. Imai ², T. Ohkubo ³, M. Kikuya ², M.P. Schlaich ¹

¹ Melbourne, AUSTRALIA, ² Sendai, ³ Tokyo, JAPAN

1 / 12 GENDER-DIFFERENCES IN PREVALENCE OF KNOWN AND UNKNOWN HYPERTENSION AND THE RELATION TO VASCULAR AGE

B. Hametner ¹, C. Mayer ¹, S. Parragh ¹, K. Whitelegg ¹, T. Weber ², S. Wassertheurer ²

¹ Vienna, ² Wels, AUSTRIA

1 / 13 HYPERTENSION IN PYGMIES OF SOUTHERN CAMEROON

Y. Hako ¹, C. Bika ¹, P. Van De Borne ², C. Okalla ¹, J. Dissongo II ¹, J.P. Degaute ², M. Leeman ², J.R. Mbuyamba-Kabangu ³, D. Lemogoum ^{1,2}

¹ Douala, CAMEROON, ² Brussels, BELGIUM, ³ Kinshasa, DEMOCRATIC REPUBLIC OF THE CONGO

1 / 14 TYPE A PERSONALITY AS THE PRINCIPAL PSYCHOLOGICAL DETERMINANTS OF LEFT VENTRICULAR MASS INDEX IN HYPERTENSIVE PATIENTS

A. Greco ¹, A. Maloberti ¹, P. Sormani ¹, G. Colombo ¹, M. D'Addario ¹, M.E. Magrin ¹,

M. Miglioretti ¹, M. Sarini ¹, L. Vecchio ¹, S. Laurent ², P. Boutouyrie ², C. Giannattasio ¹, P. Steca ¹

¹ Milan, ITALY, ² Paris, FRANCE

1 / 15 CHANGES OVER TIME IN CARDIOVASCULAR RISK PROFILE OF HIGH-RISK INDIVIDUALS

B. Georgiev, N. Gothcheva, E. Trendafilova, V. Baytcheva, D. Gotchev

Sofia, BULGARIA

1 / 16 RISK PROFILE OF SYMPTOMATIC AND ASYMPTOMATIC PATIENTS WITH EXTRACRANIAL CAROTID ARTERY STENOSIS

N. Nikolov, D. Lukanova, B. Georgiev, B. Stoianova, M. Stankev

Sofia, BULGARIA

1 / 17 DOES HYPERTENSION RISE THE AVERAGE STAY OF ORTHOPEDIC SURGERY PATIENTS?

M. Navarrete De Gálvez ¹, P. Losada Mora ², A. Garrido Castro ², M. Jimenez Villodres ²,

M. Sanchez Chaparro ², P. Garcia Frias ², J. Molina Campos ¹, P. Cabrera Garcia ¹,

J. Osuna Sánchez ¹, J. Carrillo Linares ²

¹ Velez-Málaga, ² Málaga, SPAIN

1 / 18 ARE THERE DIFFERENCES IN CONTROLLING HYPERTENSION BETWEEN FEMALES AND MALES IN VARIOUS ETHNIC GROUPS' JEWISH AND ARAB POPULATIONS IN THE GALILEE REGION?

R. Farah

Safed, ISRAEL

1 / 19 PREHYPERTENSION AND BEHAVIORAL RISK FACTORS OF CARDIOVASCULAR DISEASE IN RUSSIAN POPULATION: THE RUSSIAN EPIDEMIOLOGY SURVEY ESSE-RFA. Erina¹, A. Orlov¹, O. Rotar¹, A. Konradi¹, S. Shalnova², Y. Balanova², A. Deev², I. Zhernakova², E. Baranova¹, I. Chazova², S. Boytsov², E. Shlyakhto¹¹ Saint-Petersburg, ² Moscow, RUSSIA**1 / 20 GENDER DIFFERENCES IN BLOOD PRESSURE CONTROL IN PATIENTS AT HIGH CARDIOVASCULAR DISEASE RISK FROM UKRAINE AND EUROPE BY EUROASPIRE IV - PRIMARY CARE RESULTS**

Y. Diachenko, M. Dolzhenko, O. Nudchenko, C. Faradz, S. Bondarchuk

Kiev, UKRAINE

1 / 21 BLOOD PRESSURE CONTROL IN HYPERTENSIVE OUTPATIENTS: RESULTS OF A 18-MONTH RETROSPECTIVE STUDY

A. Del Giudice, R. Grifa, A. Mangiacotti, F. Miscio, M. Prencipe, M. Vergura, F. Aucella

San Giovanni Rotondo, ITALY

1 / 22 NOVEL STRESS AND LOW DOSE ANGIOTENSIN II INDUCE SELECTIVE CARDIOVASCULAR RESPONSES IN CHRONIC STRESSED MICE

P. Davern, E. Gould, K. Jackson, J.L. Moretti, G.A. Head

Melbourne, AUSTRALIA

1 / 23 PREDICTION MODELS OF BLOOD PRESSURE CONTROL BASED ON TWO NATIONAL REPRESENTATIVES SURVEYS: SEPHAR II AND IIIR. Darabont¹, O. Tautu¹, D. Dimulescu¹, C. Sinescu¹, P. Gusbeth-Tatomir², L. Radulescu¹, M. Dorobantu¹¹ Bucharest, ² Pitesti, ROMANIA**1 / 24 BASELINE CHARACTERISTICS OF PATIENTS INCLUDED IN THE IBERICAN STUDY**S. Cinza-Sanjurjo¹, L. Rodríguez Padial², R. Vidal Pérez³, T. Rama Martínez⁴, A. Moyá Amengual⁵, J. Benítez Rivero⁶, V. Pallarés Carratalá⁷, A. García Lerín⁸, G. Pombo Alles⁹, V. Lasso Oría⁸¹ Porto do Son, ² Toledo, ³ Lugo, ⁴ Barcelona, ⁶ Cadiz, ⁷ Castellón, ⁸ Madrid, ⁹ Santander, SPAIN**1 / 25 COMPARISON OF VARIOUS LIPID VARIABLES IN ASSOCIATION OF TARGET ORGAN DAMAGE IN THE COMMUNITY-DWELLING ELDERLY: THE NORTHERN SHANGHAI STUDY**

C. Chi, Y. Lyu, B. Bai, S. Yu, J. Xiong, J. Teliewubai, X. Fan, Y. Zhou, H. Ji, J. Zhang, Y. Zhang

Shanghai, CHINA

1 / 26 STRONG ASSOCIATION BETWEEN LOW EDUCATION AND UNCONTROLLED HYPERTENSION: A POPULATION-BASED STUDY

K. Chau, N. Girerd, F. Zannad, P. Rossignol, J.M. Boivin

Vandoeuvre-les-Nancy, FRANCE

1 / 27 AMBULATORY BLOOD PRESSURE IS SUPERIOR TO CLINIC BLOOD PRESSURE IN RELATION TO ISCHEMIC STROKE IN BOTH DIABETIC AND NON-DIABETIC PATIENTS

A. Cai, C. Liu, D. Zhou, X. Liu, Q. Zhong, X. Li, Y. Feng, Y. Zhou, Y. Huang
Guangzhou, CHINA

1 / 28 ASSESSMENT OF BLOOD PRESSURE AND CARDIOVASCULAR RISK FACTOR MONITORING IN HYPERTENSIVES IN AN IRISH GENERAL PRACTICE

M. Byrne, E. O'Brien
Dublin, IRELAND

1 / 29 AGGREGATION AND PREVALENCE OF CARDIOVASCULAR RISK VARIABLES IN A POPULATION OF BRAZILIAN STUDENTS 10-15 YEARS OLD. THE RIO DE JANEIRO STUDY II

E.M.G. Campana, F. Fonseca, A.A. Brandão, M. Magalhaes, R. Pozzan, P. Spinetti, E.R.O. Silva, L. Guimaraes, A.C.S. Almeida, R.B. Maia, B. Harboe, G. Bouzas, J. Bouzas, E.V. Freitas, A.P. Brandão
Rio de Janeiro, BRAZIL

1 / 30 ELEVATED PREVALENCE OF EARLY VASCULAR AGEING IN YOUNG ADULTS IN LATIN AMERICA: A CALL FOR ACTION? OPTIMO STUDY RESULTS

F. Botto ¹, S. Obregon ¹, A. Di Leva ¹, M. Koretzky ¹, P. Forcada ¹, L. Brandani ¹, A. Scuteri ², P.M. Nilsson ³, C. Kotliar ¹
¹ *Pilar, ARGENTINA*, ² *Rome, ITALY*, ³ *Malmö, SWEDEN*

1 / 31 RELATIONSHIP BETWEEN LEFT VENTRICULAR DIASTOLIC FUNCTION AND CARDIOVASCULAR RISK FACTORS IN HYPERTENSIVE NEPHROPATHY PATIENTS

V. Bezrodnyi, L. Mishchenko, L. Bezrodna, A. Logvynenko
Kiev, UKRAINE

1 / 32 ILL-DEFINED CAUSES TENDENCY BY BRAZIL REGIONS: BAD SOCIOECONOMIC AND/OR EXISTENTIAL EMPTINESS?

H. Belens, J. Dutra, G. Queiroz, L. Passos, A.C. Nery, L. Magalhães, P. Lamego Sarno
Salvador, BRAZIL

1 / 33 TEMPORARY TREND OF CAUSES DEFINED IN BRAZIL, BAHIA AND SALVADOR

H. Belens, J. Dutra, G. Queiroz, L. Passos, A.C. Nery, L. Magalhães
Salvador, BRAZIL

1 / 34 TRENDS IN PREVALENCE, AWARENESS, TREATMENT AND CONTROL OF HYPERTENSION DURING LAST 20 YEARS IN AYDIN PROVINCE OF TURKEY

M.B. Yasar, H. Bektas Uysal, H.M. Sonmez
Aydin, TURKEY

1 / 35 NATIONWIDE COMPREHENSIVE HEALTH SCREENING PROGRAM IN HUNGARY, (NACOHESP-HU9)- AFTER THE FIRST 6 YEARS

I. Barna, D. Tenno, G. Dankovics, E. Kékes, I. Kiss
Budapest, HUNGARY

1 / 36 CORRELATION OF PROTHROMBOTIC STATUS WITH EARLY MORNING BLOOD PRESSURE MEASUREMENTS

M.V. Papavasileiou, D. Aravantinos, S. Patsianis, V. Kakiouzi, A. Seretis, A. Makris
Athens, GREECE

1 / 37 PEAK MORNING BLOOD PRESSURE IS INCREASED AMONG HYPERTENSIVES WORKING IN THE PRIVATE SECTOR

E.A. Andreadis, I. Sapfo A. Pepelasis, C.V. Geladari, M. Vidali
Athens, GREECE

1 / 38 A PROSPECTIVE VIEW ON HYPERTENSION MANAGEMENT AND A CALL FOR SHIFTING GEARS

J. Al-Said
Manama, BAHRAIN

1 / 39 CAROTID INTIMA-MEDIA THICKNESS SCREENING ADDS VALUE IN A CANADIAN COHORT: IMPLICATIONS FOR PATIENT MANAGEMENT

B. Abramson, J. Mannik, A. Figol, J. Aw
Toronto, CANADA

Posters' Session PS22

PHARMACOLOGICAL TREATMENT

Chairpersons: P. Maffioli (*Pavia, ITALY*),
TBD

ROOM **2** POSTERS FROM 1 TO 25

2 / 1 IMPACT OF FIXED-DOSE COMBINATIONS ON LEFT VENTRICLE MYOCARDIAL STIFFNESS: AMLODIPINE/ LISINAPRIL VS BISOPROLOL/HYRPOCLOROTHIAZIDE

O. Ostroumova, A. Kochetkov
Moscow, RUSSIA

2 / 2 EFFECTS OF NITRATE THERAPY IN MONOCROTALINE-INDUCED PULMONARY HYPERTENSION IN RATS

Z. Kmecova, E. Malikova, P. Krenek, J. Klimas
Bratislava, SLOVAK REPUBLIC

2 / 3 IMPROVEMENT OF HYPERTENSION INDUCED HFPEF BY INHIBITION OF LATE SODIUM-INFLUX AND MAGNESIUM

K. Kisters, B. Gremmler
Herne, GERMANY

2 / 4 SYSTOLIC BLOOD PRESSURE AND POTASSIUM REGULATION

K. Kisters¹, L. Reither², H. Gell², M. Moser², K. Pichlkastner², I. Viebahn³, H. Stossier³, M. Harb³, S. Porta^{2,3}
¹ Herne, GERMANY, ² Wiener Neustadt, ³ Dillach, AUSTRIA

2 / 5 ROLE OF PLATELET SURFACE RECEPTOR EXPRESSION AND BLOOD GROUP IN PREDICTING RISK OF BLEEDING WITH ASPIRIN

R. Khalil, E. Dunne, D. Keny
Dublin, IRELAND

2 / 6 TRANSDERMAL CLONIDINE IN DIFFICULT-TO-TREAT HYPERTENSION PATIENTS ATTENDING A SPECIALIST BP CLINIC IN THE UNITED KINGDOM

V. Kapil, J. Louthan, N. Hamed, S. Antoniou, M. Lobo
London, UNITED KINGDOM

2 / 7 RAPID TREATMENT OF NEWLY-DIAGNOSED MODERATE-SEVERE HYPERTENSION IS SAFE AND EFFECTIVE

A. Jordan, C. Anning, C. Ball, L. Wilkes, N. Pamphilon, C. Clark, A. Shore, A. Sharp
Exeter, UNITED KINGDOM

2 / 8 CHANGES APELIN BLOOD LEVELS DEPENDING ON TREATMENT WITH ANGIOTENSIN II RECEPTOR BLOCKER OR ANGIOTENSIN-CONVERTING ENZYME INHIBITOR IN HYPERTENSION PATIENTS WITH TYPE 2 DIABETES

K. Iushko, S. Koval, T. Starchenko
Kharkiv, UKRAINE

2 / 9 EFFECTS OF HYPERTENSION TREATMENT-TIME (AWAKENING VS. BEDTIME) ON AMBULATORY BLOOD PRESSURE REGULATION IN PATIENTS WITH CHRONIC KIDNEY DISEASE: THE HYGIA PROJECT

J.J. Crespo ¹, A. Otero ², A. Moya ³, M. Dominguez-Sardiña ¹, M.T. Rios ¹, P.A. Callejas ¹, L. Pousa ¹, M.C. Castiñeira ⁴, E. Sineiro ³, S.M. Gomara ³, J.L. Salgado ¹, C. Duran ¹, J.J. Sanchez ⁵, A. Mojon ¹, J.R. Fernandez ¹, D.E. Ayala ¹, R. Hermida ¹
¹ *Vigo*, ² *Ourense*, ³ *Pontevedra*, ⁴ *Lugo*, ⁵ *Santiago, SPAIN*

2 / 10 EFFECTS OF ORAL VITAMIN D3 ON L-ARGININE TO ASYMMETRIC DIMETHYLARGININE RATIO IN ARTERIAL HYPERTENSION

M. Grüber ¹, C. Müllner ¹, N. Verheyen ², K. Kienreich ², H. Scharnagl ², C. Trummer ², V. Schwetz ², A. Meinitzer ², J. Wetzel ², M. Pandis ², M. Gaksch ², W. März ³, A. Tomaschitz ², S. Pilz ²
¹ *Bern, SWITZERLAND*, ² *Graz, AUSTRIA*, ³ *Mannheim, GERMANY*

2 / 11 ANTIHYPERTENSIVE THERAPY IN BULGARIAN PATIENT WITH DIABETES AND HYPERTENSION

L. Kirov ¹, E. Mushanov ¹, H. Dimitory ², N. Ivanova ³, B. Georgiev ¹
¹ *Sofia*, ² *Veliko Tarnovo*, ³ *Plovdiv, BULGARIA*

2 / 12 EFFECTS OF OLMESARTAN MEDOXOMIL THERAPY ON ARTERIAL FUNCTION IN METABOLIC SYNDROME

V. Ruiz, R. Ferré, N. Plana, D. Ibarretxe, C. Rodríguez, J. Merino, L. Masana
Reus, SPAIN

2 / 13 EVALUATION OF EFFICACY AZILSARTAN MEDOXOMIL ON CENTRAL AORTIC BLOOD PRESSURE AND AMBULATORY BLOOD PRESSURE IN PATIENTS WITH MILD TO MODERATE ESSENTIAL HYPERTENSION

A. Dobrokhod, Y. Sirenko, O. Torbas, V. Granich, S. Kushnir
Kiev, UKRAINE

2 / 14 ENALAPRIL/LERCANIDIPINE 20/20 MG COMPARED TO ENALAPRIL/HYDROCHLOROTIAZIDE 20/12.5 MG ON BLOOD PRESSURE VALUES AND METABOLIC PARAMETERS IN HYPERTENSIVE DIABETIC PATIENTS

G. Derosa, D. Romano, A. D'Angelo, P. Maffioli
Pavia, ITALY

2 / 15 RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY ON THE ANTIHYPERTENSIVE EFFECT OF MILK-DERIVATIVE TRIPEPTIDES. UNATTENDED OFFICE AND AMBULATORY BLOOD PRESSURE RESULTS

G. Crippa, D. Zabzuni, E. Bravi, F. Rossi
Piacenza, ITALY

2 / 16 APPLE POLIPHENOLS EFFECTS ON ENDOTHELIAL REACTIVITY AND SERUM URIC ACID: FROM PRECLINICAL DATA TO A DOUBLE BLIND-RANDOMIZED CLINICAL TRIAL

A.F.G. Cicero, C. Caliceti, F. Fogacci, D. Calabria, M. Giovannini, M. Rosticci, A. Roda, C. Borghi
Bologna, ITALY

2 / 17 COMPARISON OF DECREASE IN URINARY ALBUMIN EXCRETION ACCORDING TO FIMASARTAN DOSING OF EVENING VERSUS MORNING IN NEVER-TREATED HYPERTENSIVE PATIENTS

W. Chung¹, S. Seo¹, E. Choo², H. Park¹, S. Jang¹
¹ Seoul, ² Uijeonbu-Si, SOUTH KOREA

2 / 18 UROTENSIN II EXERTS PRESSOR EFFECTS BY STIMULATING RENIN AND ALDOSTERONE SYNTHASE GENE EXPRESSION

B. Caroccia¹, M. Menegolo¹, T.M. Seccia¹, L. Petrelli¹, A. Limena¹, A. Porzionato¹, M. Poglitsch², G.P. Rossi¹
¹ Padua, ITALY, ² Vienna, AUSTRIA

2 / 19 SAFETY AND EFFICIENCY OF OLMESARTAN AMLODIPINE IN COLOMBIAN HYPERTENSIVE PATIENTS (SOAT STUDY)

R. Buendia, M. Zambrano
Bogotá, COLOMBIA

2 / 20 REGULATION OF EXCITATION-CONTRACTION COUPLING IN SMOOTH MUSCLES IN HYPOXIA BY GASOTRANSMITTERS

J. Birulina, S. Gusakova, I. Kovalev, L. Smagliy, A. Nosarev, A.N. Aleinyk
Tomsk, RUSSIA

2 / 21 EMOTIONAL INTELLIGENCE MAY INFLUENCE THE EFFECTIVENESS OF ANTIHYPERTENSIVE THERAPY IN PATIENTS WITH HYPERTENSION

G. Andreeva, D. Lyusin, V. Gorbunov, O. Isaykina, O. Molchanova, A. Deev, E. Platonova, D. Volkov
Moscow, RUSSIA

2 / 22 EFFICACY OF LONG-TERM TREATMENT WITH CARVEDILOL IN PATIENTS WITH ARTERIAL HYPERTENSION

K. Nikoghosyan
Yerevan, ARMENIA

2 / 23 VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR INHIBITION INDUCES VASCULAR DYSFUNCTION VIA REDOX-SENSITIVE AND NITRIC OXIDE-DEPENDENT PATHWAYS

K. Neves¹, F. Rios¹, A. Montezano¹, L. Van Der Mey¹, H. Small¹, C. Savoia², R.M. Touyz¹
¹ Glasgow, UNITED KINGDOM, ² Rome, ITALY

2 / 24 THE NEW CONTRASTING TRIAL AMONG BIOFEEDBACK OR TRADITIONAL CHINESE MEDICINE OF TIANMA GOUTENG DECOCTION AND L AMLODIPINE BESYLATE IN PATIENTS WITH ESSENTIAL HYPERTENSION

Y. Liu, W. Liu, Y. Fan, L.F. Du, C.G. Peng
Zigong, CHINA

2 / 25 SODIUM OVERLOAD AFFECTS THE SYMPATHOVAGAL BALANCE AND INDUCES MORPHOLOGICAL AND FUNCTIONAL CHANGES IN RAT AORTA

J.C.S. Silva ¹, N.N. Peron ¹, M.B. Silva ¹, G.C.R. Silvestre ¹, A.Q. Silva ¹, V.A. Belo ², M.M. Castro ², C. Mostarda ³, E.S. Silva ¹, M.C. Irigoyen ¹, S. Lacchini ¹
¹ Sao Paulo, ² Ribeirao Preto, ³ Sao Luiz, BRAZIL

Posters' Session PS23

WOMEN

Chairperson: T. de Backer (*Ghent, BELGIUM*)

ROOM **3** POSTERS FROM **1** TO **15**

3 / 1 CULTURED TROPHOBLASTS ARE SALT-SENSITIVE WITH NA⁺ TRANSPORTERS DIFFERENTIALLY EXPRESSED IN PLACENTA OF PREGNANT RATS UPON PREGNANCY AND SALT EXPOSURE

P. Scaife ¹, M. Mohaupt ², R. Klossner ², N. Eisele ², L. Kurlak ², C. Gennari-Moser ², C. Albrecht ¹, F. Broughton Pipkin ¹, H.D. Mistry ¹
¹ Nottingham, UNITED KINGDOM, ² Berne, SWITZERLAND

3 / 2 LOW 25-HYDROXY-VITAMIN D PLASMA LEVELS ARE ASSOCIATED WITH A MORE SEVERE FORM OF PREECLAMPSIA: A CROSS-SECTIONAL STUDY

G.L. Colussi, C. Catena, L. Driul, A. Rossi, V. Fagotto, F. Pezzutto, L. Martorana, L.A. Sechi
Udine, ITALY

3 / 3 RESIDUAL DETRIMENTAL EFFECT BY THE USE OF OESTROGEN-PROGESTERONE THERAPY MEASURED ACCORDING TO CENTRAL HAEMODYNAMIC PARAMETERS

C. Paterno Marchioli
Foggia, ITALY

3 / 4 RESPONSES OF THE RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM TO PLASMA VOLUME DEPLETION IN PRE-ECLAMPSIA & SUPERIMPOSED PRE-ECLAMPSIA

L. Kurlak ¹, K. Bramham ², C.A. Gill ², F. Broughton Pipkin ¹, M. Mohaupt ³, H.D. Mistry ¹
¹ Nottingham, ² London, UNITED KINGDOM, ³ Berne, SWITZERLAND

3 / 5 LIPID METABOLISM IN PREGNANT WOMEN FROM STANDPOINT OF BURDENED HEREDITY

M. Evseyeva, O. Sergeeva, A. Rusidi, I. Prohorenko-Kolomoytseva, K. Pavlov
Stavropol, RUSSIA

3 / 6 INFLUENCE OF CYCLOSPORINE A ADMINISTRATION IN PREGNANT RATS ON BLOOD PRESSURE AND HEART STRUCTURE IN THEIR OFFSPRING

M. Adamczak ¹, M. Dembowska ¹, N. Slabiak-Blaz ¹, T. Nieszporek ¹, G. Piecha ¹, P. Schirmacher ², E. Ritz ², A. Wiecek ¹

¹ Katowice, POLAND, ² Heidelberg, GERMANY

3 / 7 MATERNAL ENDOTHELIUM AND RISK OF CARDIOVASCULAR DISEASES

A. Fatima, S. Sammar Zaidi
Lahore, PAKISTAN

3 / 8 WHEN BECOMES CHRONIC HYPERTENSION A RISK FACTOR FOR PRE-ECLAMPSIA

X. Gallo, S. Boesmans, P. Van der Niepen
Brussels, BELGIUM

3 / 9 HEART, ARTERIES AND WOMEN, A HEALTHCARE PATHWAY FOR WOMEN AT CARDIOVASCULAR RISK: EVALUATION AT TWO YEARS

A. Madika, C. Lecerf, B. Letombe, P. Delsart, G. Ledieu, C. Mounier Vehier
Lille, FRANCE

3 / 10 CASE REPORT: PREGNANCY OUTCOMES IN A HYPERTENSIVE WOMAN TREATED WITH VALSARTAN UNTIL 8 WEEKS OF GESTATION

E. Wojciechowska, P. Gryglas, P. Jedrusik, M. Wielgos, Z. Gaciong
Warsaw, POLAND

3 / 11 RISK ASSESSMENT FOR DIABETES MELLITUS TYPE 2 IN WOMEN WITH HYPERTENSION

A. Nikolova, M. Milanova, K. Stoyanov, G. Yankov
Sofia, BULGARIA

3 / 12 OXIDATIVE STRESS IN PREECLAMPSIA

L. Garcia Benavides, F.J. Hernandez Mora, S.E. Totsuka Sutto, I.I. Hernandez Cañaveral, S. Pascoe Gonzalez, E.G. Cardona Muñoz, T.I. Campos Bayardo, E.J. Ramirez Lizardo
Guadalajara, MEXICO

3 / 13 PREECLAMPSIA AND THROMBOPHILIA

J. Ortiz Carrera, I. Moreno Munoz, M. Sahuquillo Serrano, M. Salcedo Gadea, C. Morata Aldea, C. Campo López
Valencia, SPAIN

3 / 14 POSSIBILITY OF REDUCING THE CARDIOVASCULAR RISK IN WOMEN WITH HYPERTENSION AND PATHOLOGIC MENOPAUSE

G. Iliushyna, O. Mitchenko, V. Romanov
Kiev, UKRAINE

3 / 15 THE EVOLUTION OF SFLT-1/PLGF RATIO DURING PREGNANCY IN WOMEN WITH, (SUSPECTED) PREECLAMPSIA

L. Saleh, A.H. van den Meiracker, R. Geensen, J.E. Roeters van Lennep, J.J. Duvekot, K. Verdonk, E.A.P. Steegers, H. Russcher, A.H.J. Danser, W. Visser
Rotterdam, THE NETHERLANDS

Posters' Session PS24

HEART

Chairpersons: A. Milan (*Turin, ITALY*),
M. Salvetti (*Brescia, ITALY*)

ROOM **4** POSTERS FROM **1** TO **34**

4 / 1 SELECTIVE REDUCTION OF PRE-LOAD IMPROVES VENTRICULAR DIASTOLIC FUNCTION IN HYPERTENSION

L. Faconti, B. Farukh, S. Brett, P. Chowienczyk
London, UNITED KINGDOM

4 / 2 MANAGEMENT OF ORAL ANTICOAGULANTS IN OUTPATIENTS WITH NONVALVULAR ATRIAL FIBRILLATION DAILY ATTENDED BY CARDIOLOGISTS

V. Barrios¹, C. Escobar¹, G. Baron², J.J. Gomez Doblas³, M. Parici⁴, E. Recalde⁵, J. Toril⁶, J.M. Chopo⁷, P. Rossi⁸, M. Monzerkhanji⁹
¹ *Madrid*, ² *Sevilla*, ³ *Malaga*, ⁴ *La Coruña*, ⁵ *Bilbao*, ⁶ *Castelldefels*, ⁷ *Zaragoza*, ⁸ *Salamanca*, ⁹ *Manzanares, SPAIN*

4 / 3 SATISFACTION WITH DABIGATRAN COMPARED WITH VITAMIN K ANTAGONISTS IN OUTPATIENTS WITH NONVALVULAR ATRIAL FIBRILLATION DAILY ATTENDED BY CARDIOLOGISTS

C. Escobar¹, V. Barrios¹, G. Baron², J.J. Gomez Doblas³, M. Parici⁴, E. Recalde⁵, J. Toril⁶, J.M. Chopo⁷, P. Rossi⁸, M. MonzerKhanji⁹
¹ *Madrid*, ² *Sevilla*, ³ *Malaga*, ⁴ *La Coruña*, ⁵ *Bilbao*, ⁶ *Castelldefels*, ⁷ *Zaragoza*, ⁸ *Salamanca*, ⁹ *Manzanares, SPAIN*

4 / 4 RELATIONSHIP BETWEEN UROCORTIN 2 LEVEL AND LEFT VENTRICLE FUNCTION IN HYPERTENSIVE PATIENTS

A. Dzieza-Grudnik, O. Siga, J. Walczewska, P. Wolkow, A. Borys, J. Krolczyk, K. Rewiuk, B. Wizner, T. Grodzicki
Krakov, POLAND

4 / 5 THE RETROSPECTIVE ANALYSIS OF PREVIOUS ACUTE CORONARY SYNDROME ANTIHYPERTENSIVE THERAPY IN PATIENTS WITH ATRIAL FIBRILLATION

Y. Dorofeeva¹, E. Tarlovskaya², S. Malcikova¹
¹ *Kirov*, ² *Nizhny Novgorod, RUSSIA*

4 / 6 CARDIAC PHENOTYPE BASED ON ANGIOGRAPHIC SUBTYPES AND VASCULAR INVOLVEMENT IN PATIENTS WITH FIBROMUSCULAR DYSPLASIA –ARCADIA-POL STUDY

P. Dobrowolski¹, E. Warchoł-Celinska¹, A. Klisiewicz¹, K. Hanus¹, A. Prejbisz¹, E. Florczak¹, H. Witowicz¹, A. Aniszczuk¹, K. Kowalczyk¹, J. Ziebka¹, L. Swiatlowski², A. Falkowski³, M. Soltysiak³, K. Widecka³, A. Olszanecka⁴, D. Czarnecka⁴, J. Drozd⁵, M. Szczerbo-Trojanowska², A. Januszewicz¹, P. Hoffman¹
¹ *Warsaw*, ² *Lublin*, ³ *Szczecin*, ⁴ *Krakow*, ⁵ *Lodz, POLAND*

4 / 7 AGENESIS OF RIGHT CORONARY ARTERY DIAGNOSED IN A 48 YEAR-OLD WOMAN

G.N. Dediu, A. Stoica, A. Balaceanu, C. Diaconu, G. Aron, I. Dina
Bucharest, ROMANIA

4 / 8 RELATION BETWEEN LEFT VENTRICULAR DIASTOLIC FUNCTION PARAMETERS AND THE GRADE OF VENTRICULAR REMODELING IN A HYPERTENSIVE POPULATION

E. Dal Canto¹, V. Lenzi¹, M. Forestieri¹, S. Buralli¹, R.M. Bruno¹, L. Faconti², L. Ghiadoni¹, S. Taddei¹

¹ Pisa, ITALY, ² London, UNITED KINGDOM

4 / 9 THE ROLE OF STRUCTURAL AND FUNCTIONAL ALTERATIONS OF LARGE ARTERIES IN VENTRICULAR HYPERTROPHY AND DIASTOLIC DYSFUNCTION IN PATIENTS WITH ESSENTIAL HYPERTENSION

E. Dabrowska, E. Swierblewska, K. Kunicka, B. Graff, A. Szyndler, A. Rojek, K. Narkiewicz
Gdansk, POLAND

4 / 10 LEFT VENTRICULAR DIASTOLIC FUNCTION IN RELATION TO HEMODYNAMIC LOAD COMPONENTS IN A GENERAL POPULATION

N. Cauwenberghs¹, J. Knez^{1,2}, J. D'Hooge¹, L. Thijs¹, J.A. Staessen¹, T. Kuznetsova¹

¹ Leuven, BELGIUM, ² Ljubljana, SLOVENIA

4 / 11 VALIDITY OF PULSE WAVE VELOCITY AND AUGMENTATION INDEX MEASUREMENTS IN PATIENTS WITH ATRIAL FIBRILLATION

R. Caluwe¹, A. De Vriese², B. Van Vlem¹, F. Verbeke³

¹ Aalst, ² Bruges, ³ Ghent, BELGIUM

4 / 12 OBESE HYPERTENSIVE PATIENTS HAVE MORE OFTEN SIGNS OF LEFT VENTRICULAR DIASTOLIC DYSFUNCTION AND ARTERIAL STIFFNESS COMPARED WITH NON- OBESE HYPERTENSIVE OF THE SAME AGE

R. Cabrera Sole¹, C. Turpin Lucas¹, L. Urrego Rivera¹, D. Calle Salazar¹, E. Estephan Luekpe², S. Garcia Ruiz¹, J. Martinez Gonzalez¹, M. Aguilera Saldaña¹

¹ Albacete, SPAIN, ² Manchester, UNITED KINGDOM

4 / 13 HIGH-INTENSITY INTERVAL TRAINING AS TREATMENT STRATEGY FOR HEART FAILURE PATIENTS WITH PRESERVED EJECTION FRACTION: A PROTOCOL PROPOSAL FOR A RANDOMIZED CONTROLLED TRIAL

E. Thesenvitz^{1,2}, S. Brighenti-Zogg¹, J. Mundwiler¹, B. Janisch^{1,2}, J. Leuppi^{1,2}, T. Dieterle^{1,2}

¹ Liestal, ² Basel, SWITZERLAND

4 / 14 PREDICTORS OF SHORT-TERM OUTCOME IN PATIENTS WITH ACUTE DECOMPENSATED HEART FAILURE

K. Amosova, A. Bezrodnyi, I. Gorda, G. Mostbauer, A. Sablin, N. Melnychenko, S. Bogdan, O. Hodakivska, I. Kovaleva, I. Prudkiy, I. Katsytadze, Y. Sychenko, P. Lazarev, O. Vasilenko, K. Chernyaeva

Kiev, UKRAINE

4 / 15 CHRONIC CORONARY ARTERY DISEASE PATIENT'S COMPLIANCE

A. Bahamazau, I. Lazareva, T. Nechesova

Minsk, BELARUS

4 / 16 HEART REMODELING IN ARTERIAL HYPERTENSIVE PATIENTS WITH ISCHEMIC STROKE IN ANAMNESIS

A. Babets

Dnepropetrovsk, UKRAINE

4 / 17 ECHOCARDIOGRAPHIC ASSESSMENT OF DIASTOLIC FUNCTION FOLLOWING ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION

E. Azaiez, F. Mghaieth, H. Aloui, S. Boudiche, N. Khedher, A. Farhati, S. Ouali, M. Ben Halima, N. Larbi, M.S. Mourali
Tunis, TUNISIA

4 / 18 GLOBAL LONGITUDINAL STRAIN AS MARKER OF CARDIOTOXICITY IN PATIENTS WITH TRIPLE NEGATIVE BREAST CANCER WITH OR WITHOUT ARTERIAL HYPERTENSION

A. Avalyan, M. Kirillova, V. Shitov, M. Saidova, M. Stenina, E. Oshchepkova, I. Chazova
Moscow, RUSSIA

4 / 19 THE IMPACT OF TARGET BLOOD PRESSURE LEVELS ON THE DIASTOLIC FUNCTION OF THE LEFT VENTRICLE IN HYPERTENSIVE PATIENTS

D. Mytas, S. Patsianis, D. Aravantinos, V. Kakiouzi, A. Seretis, N. Mousa, M.V. Papavasileiou
Athens, GREECE

4 / 20 AZILSARTAN COMPARE TO RAMIPRIL FOR PREVENTION OF RECURRENT ATRIAL FIBRILLATION IN HYPERTENSIVE PATIENTS WITH RECURRENT LONE ATRIAL FIBRILLATION

L. Aleksanyan, A. Ordyan, E. Ter-Stepanyants, A. Naghdalyan, T. Bayramyan
Yerevan, ARMENIA

4 / 21 MODULATION EFFECTS OF ROSUVASTATIN ON VASPIN SERUM LEVELS IN OBESE PATIENTS WITH ACUTE CORONARY SYNDROME

A. Al-Gareeb, H. Al-Kuraishy, A. Arnaoty
Baghdad, IRAQ

4 / 22 HIGHER PULSE WAVE VELOCITY IS ASSOCIATED WITH NON-RECOVERY OF LEFT VENTRICULAR SYSTOLIC FUNCTION IN PATIENTS AFTER MYOCARDIAL INFARCTION

E. Zharikova, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

4 / 23 CONTRAST-INDUCED ACUTE KIDNEY INJURY DURING ELECTIVE PERCUTANEOUS CORONARY INTERVENTIONS IN CORONARY ARTERY DISEASE PATIENTS WITH ARTERIAL HYPERTENSION

E. Vershinina, A. Repin
Tomsk, RUSSIA

4 / 24 EFFICACY OF VALSARTAN OR RAMIPRIL IN PATIENTS WITH ISOLATED SYSTOLIC HYPERTENSION, LEFT VENTRICULAR HYPERTROPHY, LEFT ATRIAL DILATATION AND EPISODES OF ATRIAL FIBRILLATION

S. Vatinian, S. Gurgenyanyan
Yerevan, ARMENIA

4 / 25 LEFT VENTRICULAR MASS: HOW CAN IT INTERFERE WITH THE SPECKLE TRACKING TECHNIQUE ACCURACY IN DETECTION OF CORONARY LESIONS

C. Stefan, R. Onut, L. Roatesi, D. Zamfir, M. Stoian, S. Onciul, M. Dorobantu
Bucharest, ROMANIA

4 / 26 ANTIHYPERTENSIVE EFFECTS OF A CENTRAL ARTERIOVENOUS ANASTOMOSIS ARE MEDIATED THROUGH PROFOUND REDUCTION IN SYSTEMIC VASCULAR RESISTANCE

M. Saxena¹, T. Shour¹, P. Sobotka^{2,3}, A. Jain¹, D.J. Collier¹, S. Hamshere¹, A. Mathur¹, C. Knight¹, M. Lobo¹

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4 / 27 RELATIONSHIP BETWEEN MATRIX METALLOPROTEINASES MMP-9, MMP-7, THEIR INHIBITORS, HS CRP AND SEVERITY OF ATHEROSCLEROTIC CORONARY ARTERY DISEASE

C. Revnic, A.S. Nica, F. Revnic, C. Pena, C. Ginghina
Bucharest, ROMANIA

4 / 28 IMPACT OF SYSTEMIC ARTERIAL HYPERTENSION ON LEFT VENTRICULAR SYSTOLO-DIASTOLIC FUNCTION AFTER A FIRST MYOCARDIAL INFARCTION

H. Rania¹, S. Ouali², F. Triki¹, L. Abid¹, S. Kammoun¹
¹ Sfax, ² Tunis, TUNISIA

4 / 29 VALVE CALCIFICATION IS ASSOCIATED WITH DIASTOLIC AMBULATORY BLOOD PRESSURE VARIABLES IN PATIENTS WITH END-STAGE RENAL DISEASE ON HEMODIALYSIS

N. Manukhina, M. Trukhanova, D. Doroshenko, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

4 / 30 SACUBITRIL/VALSARTAN THERAPY IMPROVES VENTRICULAR-ARTERIAL COUPLING IN STABLE PATIENTS WITH HEART FAILURE WITH REDUCED EJECTION FRACTION

Z. Kobalava, S. Villevalde, O. Lukina, L. Babaeva, I. Meray
Moscow, RUSSIA

4 / 31 ONE YEAR SACUBITRIL/VALSARTAN THERAPY IS ASSOCIATED WITH DECREASE OF ARTERIAL STIFFNESS IN PATIENTS WITH STABLE HEART FAILURE WITH REDUCED EJECTION FRACTION

Z. Kobalava, S. Villevalde, O. Lukina, L. Babaeva, I. Meray
Moscow, RUSSIA

4 / 32 AGE DIFFERENCES OF CORONARY ATHEROSCLEROSIS SEVERITY IN PATIENTS WITH ARTERIAL HYPERTENSION, CORONARY HEART DISEASE AND DIABETES

A. Galyavich, Z. Galleva, L. Baleeva, R. Galyavi, R. Akhtereev, D. Kamalova
Kazan, RUSSIA

4 / 33 GENDER DIFFERENCES OF CORONARY ATHEROSCLEROSIS SEVERITY IN PATIENTS WITH HYPERTENSION, CORONARY HEART DISEASE AND DIABETES

A. Galyavich, Z. Galleva, L. Baleeva, R. Galyavi, R. Akhtereev, D. Kamalova
Kazan, RUSSIA

4 / 34 2 YEARS FOLLOW UP LEFT ATRIAL APPENDAGE CLOSURE: A PROSPECTIVE TUNISIAN STUDY

I. Chamtouri, M.A. Azaiez, W. Jomaa, A. El Hraiech, K. Ben Hamda, F. Maatouk
Monastir, TUNISIA

Posters' Session PS25

LIFESTYLE, HYPERTENSION MANAGEMENT AND RESISTANT HYPERTENSION

Chairpersons: U. Lindblad (*Gothenburg, SWEDEN*), ROOM **5** POSTERS FROM **1** TO **43**
R. McManus (*Oxford, UNITED KINGDOM*)

5 / 1 RESILIENCE AND VASCULAR DISEASE: A NEW PARADOX

M. Haehnel, F. De Cecco, M. Boscaro, A. Di Leva, S. Obregon, M. Cadenas, C. Kotliar
San Isidro, ARGENTINA

5 / 2 EFFECT OF TRAINING OPTIMIZATION ON MAXIMAL FUNCTIONAL PARAMETERS IN SPORT-DANCERS

I. Gruev, S. Tzvetkov
Sofia, BULGARIA

5 / 3 FLAVONOIDS INTAKE IN BULGARIA

I. Gruev, S. Tsanova-Savova
Sofia, BULGARIA

5 / 4 APPROACHES TO INCREASE EFFICACY OF ANTIHYPERTENSIVE TREATMENT: RESULTS OF THE RUSSIAN OBSERVATIONAL PROGRAM FORSAGE

M. Glezer
Moscow, RUSSIA

5 / 5 EFFECT OF MEDITATION UPON ARTERIAL BLOOD PRESSURE

R. Gasser, L. Veigl
Graz, AUSTRIA

5 / 6 ACUTE EFFECTS OF AEROBIC AND RESISTANCE EXERCISES IN INFLAMMATORY MARKERS IL-10 AND IL-1RA IN PATIENTS WITH RESISTANT HYPERTENSION: RATIONALE OF A RANDOMIZED, CONTROLLED TRIAL

C. Gasparetti, N. Fraccari, A.M. Ritter, R. Modolo, V. Brunelli, N. Correa, H. Coelho-Junior, B. Rodrigues, H. Moreno, A. De Faria
Campinas, BRAZIL

5 / 7 EFFECTIVENESS OF A SMARTPHONE APPLICATION IN INCREASING PHYSICAL ACTIVITY AND DECREASE SEDENTARY LIFESTYLE. THE EVIDENT II STUDY

L. Garcia-Ortiz¹, J.I. Recio-Rodriguez¹, C. Agudo-Conde¹, I. Repiso-Gento², Y. Schmolling-Guinovart³, N. González-Viejo⁴, C. Martín-Cantera⁵, M.S. Arieteleanizbeaskoa⁶, C. Rodriguez Martin¹, M.C. Castaño Sanchez¹, P. Martinez Perez¹, M. Del Rio Garcia¹, C. Montero Sánchez¹, M. Gómez-Marcos¹
¹ Salamanca, ² Valladolid, ³ Talavera de la Reina, ⁴ Zaragoza, ⁵ Barcelona, ⁶ Bilbao, SPAIN

5 / 8 THERAPEUTIC DRUG MONITORING IN RESISTANT HYPERTENSIVES PREVIOUSLY TREATED WITH INVASIVE APPROACHES

F. Rabbia, C. Fulcheri, E. Perlo, V. Avataneo, A. De Nicolò, E. Berra, M. Pappaccogli, S. Di Monaco, D. Rossato, A. D'Avolio, F. Veglio
Turin, ITALY

5 / 9 MASS ASSESSMENT OF VASCULAR AGE IN STUDENTS AS MOTIVATIONAL TECHNIQUE TO ACHIEVE LIFESTYLE CHANGES AMONG THE YOUTH

M. Evseyeva, E. Chudnovskiy, E. Fursova, E. Shchetinin, V. Frantseva
Stavropol, RUSSIA

5 / 10 VALIDATING RENAL NERVE STIMULATION-INDUCED BLOOD PRESSURE CHANGES AS A PREDICTOR OF CLINICAL RESPONSE TO RENAL SYMPATHETIC DENERVATION

M.R. De Jong, A.F. Hoogerwaard, A. Adiyaman, J.J.J. Smit, P.P.H.M. Delnoy,
A.R. Ramdat Misier, A. Elvan
Zwolle, THE NETHERLANDS

5 / 11 EFFECTS OF SINGLE-PILL TRIPLE FIXED DOSE COMBINATION THERAPY COMBINED WITH SINGLE COMPONENT THERAPEUTIC DRUG MONITORING IN TREATMENT-RESISTANT HYPERTENSION

R. Kreutz, J. Scholze, A. Douros
Berlin, GERMANY

5 / 12 EFFECT OF REGULAR AEROBIC ACTIVITY IN YOUNG HEALTHY PROFESSIONAL ATHLETES ON PROFILE OF ENDOTHELIAL FUNCTION AND PLATELET ACTIVITY

K. Podgorska, E. Szahidewicz-Krupska, A. Derkacz, J. Jasiczek, A. Doroszko
Wroclaw, POLAND

5 / 13 IMPACT OF EXERCISE TRAINING ON BIOMARKERS ON ENDOTHELIAL FUNCTION IN HYPERTENSIVE PATIENTS WITH METABOLIC SYNDROME

M. Deljanin Ilic, S. Ilic, G. Kocic, D. Simonovic, R. Pavlovic, S. Stojanovic, D. Petrovic, B. Ilic
Niš, SERBIA

5 / 14 THERAPEUTICS AND CLINICAL RISK MANAGEMENT

M. De Rosa¹, M. Cerini², L. Cerini²
¹ Naples, ² Milan, ITALY

5 / 15 APPLICATION OF SIMULTANEOUS MULTI-ARTERIAL BLOOD PRESSURE MEASUREMENTS IN OCCUPATIONAL AND CORPORATE CARDIOVASCULAR HEALTH EVALUATIONS

E. De Groot¹, P. Rol², R. Straatman², G. Nunez², E. Schrauwen³, M. Groeneveld³, J. Wientjes¹,
T. Postma¹, S. Boot⁴, W. Steevels⁵, F. Groenewegen⁵
¹ Erichem, ² IJmuiden, ³ Lunteren, ⁴ Leiderdorp, ⁵ Haarlem, THE NETHERLANDS

5 / 16 THE INFLAMMATORY STATUS SCORE INCLUDING TNF-ALPHA, IL-6, IL-8, IL-10, LEPTIN AND ADIPONECTIN IS ASSOCIATED WITH RESISTANT HYPERTENSION

A. De Faria, A.M. Ritter, R. Modolo, A. Sabbatini, V. Brunelli, N. Correa, N. Fraccari, A. Almeida,
H. Moreno
Campinas, BRAZIL

5 / 17 EFFECT OF RENAL ARTERY ANGIOPLASTY ON AMBULATORY BLOOD PRESSURE IN PATIENTS WITH RESISTANT HYPERTENSION AND ATHEROSCLEROTIC RENAL ARTERY STENOSIS

P.-Y. Courand¹, M. Dinic², A. Lorthioir³, G. Bobrie³, M. Sapoval³, P.-F. Plouin³, M. Azizi³, L. Amar³
¹ Lyon, ² Saint-Etienne, ³ Paris, FRANCE

5 / 18 EFFECT OF SPONTANEOUS CHANGES IN DIETARY COMPONENTS AND SERUM LIPOPROTEIN(A): DATA FROM THE BRISIGHELLA HEART STUDY

A.F.G. Cicero, F. Fogacci, M. Rosticci, M. Giovannini, S. D'Addato, C. Borghi
Bologna, ITALY

5 / 19 EVALUATION OF THE IMPACT OF THE PLANNED NURSING INTERVENTION IN PEOPLE WITH ARTERIAL HYPERTENSION

R. Campos Silva Granja Bento¹, P. Alexandre Ferreira²
¹ Porto, ² Coimbra, PORTUGAL

5 / 20 THE CHARACTERISTICS OF EARLY CHANGES IN BLOOD PRESSURE AFTER RENAL DENERVATION

I. Prkacin, T. Bulum, V. Dermanovic Dobrota, P. Vrdoljak, I. Kovacevic, M. Kovacic
Zagreb, CROATIA

5 / 21 HYPERTENSIVE EMERGENCIES-THE LOST OPPORTUNITY OF PREVENTING HYPERTENSION

I. Prkacin, T. Bulum, V. Djermanovic-Dobrota, I. Kovacevic, R. Zaja, M. Kovacic
Zagreb, CROATIA

5 / 22 ALTERNATIVE MEDICINE: CAN THIS CAUSE SEVERE HYPERTENSION? A CASE REPORT OF A PATIENT ON HOMEOPATHY

A. Borja, A. Sule
Singapore, SINGAPORE

5 / 23 FACTORS INFLUENCING RESISTANCE TO DRUG THERAPY IN PATIENTS WITH ESSENTIAL HYPERTENSION

L. Bezrodna, Y. Svyshchenko, V. Bezrodnyi, O. Matova, O. Kupchynska, M. Sheremet
Kiev, UKRAINE

5 / 24 HYPERTENSION SELF-MANAGEMENT SUPPORT: MOBILE-PHONE SELF-REPORTS IMPROVE PATIENT PARTICIPATION IN CLINICAL CONSULTATIONS

U. Bengtsson, K. Kjellgren
Gothenburg, SWEDEN

5 / 25 EFFECTS OF SGLT2 INHIBITOR DAPAGLIFLOZINE ON BLOOD PRESSURE, CARDIAC REMODELING AND OBESITY IN DIABETIC RESISTANT HYPERTENSIVE SUBJECTS: RATIONALE AND DESIGN

N. Batista Corrêa, A. De Faria, A.M. Ritter, M.R. Pioli, V. Francheschini, V. Brunelli, A.R. Almeida, N. Pires, H. Moreno, R. Modolo
Campinas, BRAZIL

5 / 26 A CASE OF SECONDARY HYPERTENSION IN A PRIMARY HEALTH CARE UNIT

H. Barbosa Cordeiro, A. Correia de Oliveira, R. Mendonça e Moura, A. Iva Santos, P. Pessanha
Porto, PORTUGAL

5 / 27 REFRACTORY HYPERTENSION: PREVALENCE, ASSOCIATED FACTORS AND DIFFERENCES WITH RESISTANT HYPERTENSION

P. Armario¹, A. Oliveras¹, P. Blanch¹, E. Vinyoles¹, J.R. Banegas², M. Gorostidi³, J.J. Segura², L.M. Ruilope², A. de la Sierra¹
¹ Barcelona, ² Madrid, ³ Oviedo, SPAIN

5 / 28 RENALASE PLASMA CONCENTRATION BEFORE AND AFTER REDIOFREQUENCY RENAL DENERVATION IN PATIENTS WITH RESISTANT HYPERTENSION

M. Adamczak, B. Czerwienska, M.T. Wybraniec, M. Lelek, K.T. Mizia-Stec, A. Wiecek
Katowice, POLAND

5 / 29 10-YEAR DYNAMICS OF ARTERIAL HYPERTENSION MANAGEMENT PECULIARITIES IN GEORGIAN POPULATION

T. Abesadze, D. Trapaidze, B. Tsinamdzgvrshvili, I. Tavzarashvili
Tbilisi, GEORGIA

5 / 30 THE EFFECTS OF RENAL DENERVATION ON HYPOTHALAMUS ANGIOTENSION II AND OXIDATIVE STRESS IN MYOCARDIAL INFARCTION DOGS

M. Xu, C. Lu
Tianjin, CHINA

5 / 31 CHRONIC KIDNEY DISEASE PROGRESSION IN PATIENTS WITH RESISTANT HYPERTENSION SUBJECT TO TWO THERAPEUTIC STRATEGIES: INTENSIFICATION WITH LOOP DIURETICS VS ALDOSTERONE ANTAGONISTS

U. Verdalles, S. García de Vinuesa, M. Goicoechea, A. García Prieto, T. Linares, E. Verde, A. Perez de Jose, J. Luño
Madrid, SPAIN

5 / 32 FASTING INDUCES GLOBAL CHANGES IN GENE EXPRESSION IN PATIENTS WITH METABOLIC SYNDROME

N. Steckhan, D. Heydeck, A. Borchert, C. Hohmann, H. Kuehn, C. Li, C. Kessler, A. Michalsen
Berlin, GERMANY

5 / 33 HAEMOGLOBIN VARIABILITY IN PATIENTS UNDERGOING HAEMODIALYSIS AND RECEIVING PHARMACOLOGICAL ERYTHROPOIETIN STIMULATION AND THREE MONTHS WEIGHT TELEMETRY INTERVENTION TREATMENT

C. Neumann¹, S. Schmieschek², E. Schulz¹
¹ Goettingen, GERMANY, ² London, UNITED KINGDOM

5 / 34 REFRACTORY HYPERTENSION: PREVALENCE AND PATIENTS CHARACTERISTICS

B. Chedier, E. Muxfeldt, A. Hollanda Cavalcanti, G. Mares, F. De Souza, P. Moreira Costa, A. Cortez
Rio de Janeiro, BRAZIL

5 / 35 24-HOUR URINARY EXCRETION OF SODIUM AND POTASSIUM IN CHINESE MIGRATED TO ITALY FROM THE FUJIAN PROVINCE AND ITALIAN COUNTERPARTS

I. Marzotti¹, S.B. Hu², L. Tau¹, V. Rubicondo¹, S. Rapi¹, S. Castellani¹, M. Boddi¹, P.A. Modesti¹
¹ Florence, ² Prato, ITALY

5 / 36 ADVERSE EFFECTS OF DRUG THERAPY (THE FIRST RESULTS OF THE STUDY ACCORDING TO THE PROFILE OUTPATIENT REGISTER)

Y. Lukina, N. Dmitrieva, N. Kutishenko, S. Martsevich
Moscow, RUSSIA

5 / 37 HEALTH-RELATED QUALITY OF LIFE IN SUBJECTS WITH UNCONTROLLED OR RESISTANT HYPERTENSION IN A LARGE SAMPLE OF AMBULATORY TREATED HYPERTENSIVES – THE POL-FOKUS STUDY

M. Kłoczek¹, A. Prejbisz², R. Topor-Madry^{1,3}, J. Gasowski¹, W. Lesniak¹, D. Czarnecka¹, K. Kawecka-Jaszcz¹, K. Narkiewicz⁴, A. Januszewicz²
¹ Krakow, ² Warsaw, ³ Wroclaw, ⁴ Gdansk, POLAND

5 / 38 ALCOHOL MEDIATED RENAL DENERVATION – CURRENT STATUS AND FUTURE DIRECTIONS

H. Sievert¹, S. Schneider², W. Wojakowski³, F. Mahfoud⁴, M. Hochul³, P. Neuzil⁵, A. Persu⁶, M. de Bucourt⁷, T. van der Giet⁷, T. Schmitz⁸, A. Zirlik⁹, N. Haratani¹⁰, T. Fischell¹⁰
¹ Frankfurt, ² Erlangen, GERMANY, ³ Tychy, POLAND, ⁴ Homburg, GERMANY, ⁵ Prague, CZECH REPUBLIC, ⁶ Brussels, BELGIUM, ⁷ Berlin, ⁸ Essen, ⁹ Freiburg, GERMANY, ¹⁰ Palo Alto, CA, USA

5 / 39 NUTRACEUTICAL EFFECTS ON GLUCOSE AND LIPID METABOLISM IN PATIENTS WITH IMPAIRED FASTING GLUCOSE: A PILOT, DOUBLE-BLIND, PLACEBO-CONTROLLED, RANDOMIZED CLINICAL

A.F.G. Cicero, M. Morbini, A. Colletti, F. Fogacci, M. Bove, M. Veronesi, M. Giovannini, C. Borghi
 Bologna, ITALY

5 / 40 HAEMODYNAMIC CHANGES IN PATIENTS WITH TREATMENT-RESISTANT HYPERTENSION AFTER RENAL SYMPATHETIC DENERVATION COMPARED TO INDIVIDUALIZED DRUG THERAPY

K. Berge, A. Larstorp, A. Høieggen, U.P. Hjørnholm, M. Rostrup, F.E.M. Fadl Elmula
 Oslo, NORWAY

5 / 41 MALIGNANT HYPERTENSION: ABOUT 15 CASES

Y. Ben Ariba, D.H. Maaoui, R. Grati, A. Zammouri, S. Bouzid, B. Louzir, J. Labidi, S. Othmani
 Tunis, TUNISIA

5 / 42 NOVEL HYPERTENSION MANAGEMENT MODEL OF CARE DECREASES BLOOD PRESSURE IN WEST AFRICAN POPULATION

I. Kofi Owusu¹, F. Adomako-Boateng², D. Grossman³, F. Kueffer², M. Guy², C. Lang'at¹, T. Whitman², K. Holloman², K.O. Opare-Sem¹
¹ Kumasi, GHANA, ² Minneapolis, MN, USA

5 / 43 CHANGES OF INTRINSIC STIFFNESS OF THE CAROTID ARTERIAL WALL DURING THE CARDIAC CYCLE MEASURED BY SHEAR WAVE ELASTOGRAPHY IN HYPERTENSIVES COMPARED TO NORMOTENSIVES

L. Marais¹, M. Pernot¹, H. Khettab¹, M. Tanter¹, E. Messas¹, M. Zidi², S. Laurent¹, P. Boutouyrie¹
¹ Paris, ² Créteil, FRANCE

Posters' Session PS26

BLOOD PRESSURE MEASUREMENT AND VARIABILITY

Chairpersons: J. Filipovsky (*Pilsen, CZECH REPUBLIC*), ROOM **6** POSTERS FROM **1** TO **28**
 P. van de Borne (*Brussels, BELGIUM*)

6 / 1 SLEEPING QUALITY AND AMBULATORY BLOOD PRESSURE MONITORING PROFILE

S. Di Monaco, F. Rabbia, E. Berra, M. Covella, C. Fulcheri, M. Pappaccogli, E. Perlo, C. Maldarizzi, F. Veglio
 Turin, ITALY

6 / 2 PROGNOSTIC VALUE OF VISIT-TO-VISIT VARIABILITY IN SYSTOLIC BLOOD PRESSURE ON CARDIOVASCULAR EVENTS IN HYPERTENSIVE PATIENTS: 30 MONTHS FOLLOW UP

M. Deljanin Ilic, S. Stojanovic, S. Ilic, D. Petrovic, B. Ilic
Niš, SERBIA

6 / 3 CLINICAL SIGNIFICANCE OF MISLEADING OFFICE BLOOD PRESSURE MEASUREMENTS IN TREATMENT OF HYPERTENSION

K. Dapic, V. Domislovic, T. Zeljkovic Vrkic, J. Josipovic, V. Premuzic, D. Pocanic, R. Likic, M. Laganovic, A. Jelakovic, Z. Dika, J. Kos, S. Karanovic, B. Jelakovic
Zagreb, CROATIA

6 / 4 HEART RATE VARIABILITY IN RELATION TO LEFT VENTRICULAR REMODELING AND NOCTURNAL BLOOD PRESSURE PROFILE IN ARTERIAL HYPERTENSION

A. Ciobanu, M.V. Deaconu, P.G. Portelli, G.S. Gheorghe, G. Uscoiu, I.T. Nanea
Bucharest, ROMANIA

6 / 5 COMPARISON OF BLOOD PRESSURE MEASUREMENTS PERFORMED BY HYPERTENSIVE PATIENTS IN THEIR HOMES, AT OFFICE AND AMBULATORY BLOOD PRESSURE OF 24 HOURS IMPACT IN THE TREATMENT

R. Cabrera Sole¹, C. Turpin Lucas¹, L. Urrego Rivera¹, D. Calle Salazar¹, E. Estephan Luekpe², M. Aguilera Saldaña¹
¹ Albacete, SPAIN, ² Manchester, UNITED KINGDOM

6 / 6 ARE THERE PREDISPOSING FACTORS IN ORTHOSTATIC HYPOTENSION?

M. Carvalho Rodrigues¹, L. Bronze^{1,2}, S. Rovisco¹, M. Castelo Branco¹
¹ Covilhã, ² Lisbon, PORTUGAL

6 / 7 HBPM VS ABPM IN DETECTION OF MASKED HYPERTENSION IN THE SLOVENIAN GENERAL POPULATION

J. Brguljan, J. Knez, N. Bozic, J. Lajovic, R. Accetto, P. Dolenc, A. Erhartic, H. Maiga, B. Salobir
Ljubljana, SLOVENIA

6 / 8 THE INFLUENCE OF BLOOD PRESSURE VARIABILITY AT HOME TO LEFT VENTRICULAR MASS OF HYPERTENSIVE PATIENTS

D. Aravantinos, S. Patsianis, D. Mytas, V. Kakiouzi, A. Seretis, M.V. Papavasileiou
Athens, GREECE

6 / 9 24-HOUR AMBULATORY BLOOD PRESSURE VARIABILITY AND CARDIOVASCULAR RISK

M.V. Papavasileiou, S. Patsianis, D. Aravantinos, V. Kakiouzi, A. Seretis, A. Pittaras
Athens, GREECE

6 / 10 AMBULATORY BLOOD PRESSURE VARIABILITY AND CARDIOVASCULAR RISK

S. Patsianis, D. Aravantinos, V. Kakiouzi, A. Seretis, M.V. Papavasileiou
Athens, GREECE

6 / 11 ALERTING REACTION IN OFFICE BLOOD PRESSURE AND TARGET ORGAN DAMAGE: AN INNOCENT PHENOMENON?

L. Aparicio, J. Barochiner, J. Alfie, P. Cuffaro, M. Marin, M. Morales, M. Rada, G. Waisman
Buenos Aires, ARGENTINA

6 / 12 24HOUR SYSTOLIC BLOOD PRESSURE VS CLINIC SYSTOLIC BLOOD PRESSURE: WHICH CAN PREDICT BETTER EARLY VASCULAR AGEING?

C. Antza, I. Doundoulakis, S. Stabouli, V. Kotsis
Thessaloniki, GREECE

6 / 13 CORRELATION BETWEEN PSYCHOLOGICAL STATUS AND DIFFERENCE BETWEEN CLINICAL AND AMBULATORY BLOOD PRESSURE LEVELS IN PATIENTS WITH HYPERTENSION

G. Andreeva, V. Gorbunov, A. Deev, D. Volkov
Moscow, RUSSIA

6 / 14 CORRELATIONS BETWEEN PSYCHOLOGICAL STATUS, QUALITY OF LIFE SCORES AND LEFT VENTRICULAR MASS INDEX, AND MEAN AMBULATORY BLOOD PRESSURE VARIABLES IN PATIENTS WITH HYPERTENSION

G. Andreeva, D. Volkov, V. Gorbunov, A. Deev, O. Molchanova
Moscow, RUSSIA

6 / 15 SYSTOLIC AUTOMATED OFFICE BLOOD PRESSURE IS ASSOCIATED WITH SYSTOLIC CENTRAL BLOOD PRESSURE VALUES

E.A. Andreadis, G.N. Kolyvas, C.V. Geladari, F.S. Savva, K.N. Apeiranthiti, A.I. Georgantoni, E.N. Pantikidi
Athens, GREECE

6 / 16 WHITE COAT WINDOW SYSTOLIC BLOOD PRESSURE IS ASSOCIATED WITH MICROALBUMINURIA IN HYPERTENSIVE PATIENTS

E.A. Andreadis, C.V. Geladari, G.N. Kolyvas, K.N. Apeiranthiti, F.S. Savva, I. Georgantoni, E.N. Pantikidi, E.N. Angelopoulos
Athens, GREECE

6 / 17 WHITE COAT WINDOW SYSTOLIC BLOOD PRESSURE IS ASSOCIATED WITH AN INCREASED HEART RATE IN HYPERTENSIVE PATIENTS

E.A. Andreadis, C.V. Geladari, G.N. Kolyvas, E.N. Angelopoulos, K.N. Apeiranthiti, F.S. Savva, E.N. Pantikidi, A.I. Georgantoni
Athens, GREECE

6 / 18 WHITE COAT WINDOW SYSTOLIC BLOOD PRESSURE IS ASSOCIATED WITH AN INCREASED DAYTIME BLOOD PRESSURE LOAD AND VARIABILITY

E.A. Andreadis, C.V. Geladari, G.N. Kolyvas, E.N. Angelopoulos, K.N. Apeiranthiti, F.S. Savva, A.I. Georgantoni, E.N. Pantikidi
Athens, GREECE

6 / 19 SYSTOLIC AUTOMATED OFFICE BLOOD PRESSURE IS STRONGLY ASSOCIATED WITH CARDIOVASCULAR EVENTS

E.A. Andreadis¹, V. Papademetriou², C.V. Geladari¹, G.N. Kolyvas¹, E.T. Angelopoulos¹, G. Agaliotis¹, K.N. Aronis³
¹ Athens, GREECE, ² Washington DC, ³ Baltimore MD, USA

6 / 20 ABPM PROFILES IN VERY ELDERLY SUBJECTS

A. Agrati, F. Colombo, G. Ferraro
Milan, ITALY

6 / 21 MORNING HYPERTENSION IS MORE COMMON IN THE ELDERLY HYPERTENSION PATIENTS WITH CONTROLLED DOCUMENTED OFFICE BLOOD PRESSURE IN PRIMARY CARE CLINICS: MINHANG STUDY

Y. Wang, Y. Wang, Y. Qian, X. Tang, L. Chen, D. Zhu
Shanghai, CHINA

6 / 22 DIASTOLIC NOCTURNAL HYPERTENSION IS ASSOCIATED WITH NON-DIPPING STATUS IN PATIENTS WITH RHEUMATOID ARTHRITIS

S. Velmakin, E. Troitskaya, S. Villevalde, Z. Kobalava
Moscow, RUSSIA

6 / 23 UTILITY OF CUFF BASED CENTRAL AORTIC BLOOD PRESSURE MEASUREMENT IN INDIAN CKD PATIENTS

H. Shah, D. Kirpalani, A. Dixit, A. Kirpalani
Mumbai, INDIA

6 / 24 THE COST-EFFECTIVENESS OF CONVENTIONAL AMBULATORY BLOOD PRESSURE MONITORING IN HYPERTENSIVES

Y. Liu, X. Liu, Y. Fan, L.F. Du
Zigong, CHINA

6 / 25 NOCTURNAL BLOOD PRESSURE IS ASSOCIATED WITH LEFT VENTRICULAR HYPERTROPHY IN THE DUBLIN OUTCOME STUDY

E. Dolan, E. O'Brien
Dublin, IRELAND

6 / 26 RISK ASSOCIATED WITH LOW NIGHTTIME BLOOD PRESSURE

E. Dolan, E. O'Brien
Dublin, IRELAND

6 / 27 DIAGNOSTIC ROLE OF HOME BLOOD PRESSURE MONITORING IN PRIMARY CARE

E. Ardeleanu¹, M. Dorobantu², D. Lighezan¹, R. Lighezan¹, R. Darabont², D. Gurgus¹, I. Tilea³, C. Domide¹, A. Deleanu¹, A. Varga³, C. Zorila⁴, S. Csuros¹, C. Banciu¹

¹ Timisoara, ² Bucharest, ³ Targu Mures, ⁴ Arad, ROMANIA

6 / 28 CORRELATIONS BETWEEN EMOTIONAL INTELLIGENCE AND AMBULATORY BLOOD PRESSURE LEVEL IN WORKPLACE IN PATIENTS WITH ARTERIAL HYPERTENSION

G. Andreeva, D. Lyusin, V. Gorbunov, O. Molchanova, D. Volkov
Moscow, RUSSIA

Posters' Session PS27

ENDOCRINE HYPERTENSION

Chairpersons: F. Mantero (Padua, ITALY),
P. Mulatero (Turin, ITALY)

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7 / 1 PHEOCHROMOCYTOMA ASSOCIATED WITH CHRONIC OR ACUTE INFLAMMATION

T. Zelinka, J. Widimsky Jr.
Prague, CZECH REPUBLIC

7 / 2 PERFORMANCE OF FULLY AUTOMATED CHEMILUMINESCENCE ALDOSTERONE IMMUNOASSAY IN A POPULATION OF HYPERTENSIVE PATIENTS

F. Pizzolo, C. Zaltron, G. Salvagno, G. Lippi, B. Caruso, F. Zorzi, A. Castagna, D. Menguzzi, F. Morandini, O. Olivieri
Verona, ITALY

7 / 3 FOREARM VERSUS FEMORAL ACCESS FOR ADRENAL VEIN SAMPLING IN PATIENTS WITH PRIMARY ALDOSTERONISM

J. Xu, M. Li, X. Tang, L. Zhu, P. Gao, J. Wang
Shanghai, CHINA

7 / 4 COMPARISON BETWEEN CORTISOL, FREE METANEPHRINE AND THE FREE/TOTAL METANEPHRINE RATIO TO ASSESS SELECTIVITY OF ADRENAL VEIN SAMPLING

F. Christou¹, E. Pivin¹, M. Maillard¹, F. Doenz¹, A. Pechère-Bertschi², M. Burnier¹, E. Grouzmann¹, G. Wuerzner¹
¹ Lausanne, ² Genève, SWITZERLAND

7 / 5 THE THERAPEUTIC EFFECT OF BROMOCRIPTINE IN COMBINATION WITH SPIRONOLACTONE IN PATIENTS WITH PRIMARY ALDOSTERONISM

K. Wu, V. Wu, C. Wu, Y. Yang
Taipei, TAIWAN

7 / 6 TO SEARCH...OR NOT TO SEARCH FOR THE CAUSE OF ARTERIAL HYPERTENSION

E. Badila, E. Weiss, G. Sica, C. Japie, D. Bartos
Bucharest, ROMANIA

7 / 7 QUALITY OF LIFE IN PRIMARY ALDOSTERONISM IMPROVES MORE AFTER ADRENALECTOMY THAN AFTER MEDICAL THERAPY

M. Velema¹, T. Dekkers¹, A. Hermus¹, H. Timmers¹, J. Lenders^{1,3}, H. Groenewoud¹, L. Schultze Kool¹, J. Langenhuijsen¹, A. Prejbisz², G. van der Wilt¹, J. Deinum¹
¹ Nijmegen, THE NETHERLANDS, ² Warsaw, POLAND, ³ Dresden, GERMANY

7 / 8 HYPERTENSION CONTROL IN PATIENTS WITH HYPOTHYROIDISM

D. Vasiliu, M. Dobrovie, V. Vintila, A. Vintila
Bucharest, ROMANIA

7 / 9 ROLE OF AMBULATORY BLOOD PRESSURE MONITORING IN SCREENING FOR SECONDARY HYPERTENSION

M. Stojanovic, T. Nisic, J. Ciric, M. Stojkovic, S. Savic, B. Beleslin, B. Parapid, V. Stojanov, M. Zarkovic
Belgrade, SERBIA

7 / 10 FEATURES OF PATIENTS HYPERTENSION WITH HYPOTHYROIDISM, WAYS OF MEDICAL CORRECTION

A. Chesnikova, V. Safronenko, N. Skarzhinskaya, O. Kolomatskaya, E. Godunko
Rotov-on-don, RUSSIA

7 / 11 ADRENAL NODULES: ABOUT 45 CASES

I. Rachdi, H. Zoubefidi, F. Daoud, Z. Aydi, M. Riahi, B. Ben Dhaou, F. Boussema
Tunis, TUNISIA

1 / 12 DIFFERENCES BETWEEN HYPERMETABOLIC AND NORMOMETABOLIC PHEOCHROMOCYTOMA

Q. Petrak, D. Haluzíková, T. Zelinka, J. Rosa, B. Strauch, Z. Krátká, J. Klímová, J. Kvasnicka, R. Holaj, J. Widimský Jr.
Prague, CZECH REPUBLIC

1 / 13 THE POLYCYSTIC OVARY SYNDROME INCREASES LEVELS OF AUGMENTATION INDEX SIMILAR THAN WOMEN WITH SYSTEMIC DISEASES AS PSORIASIS AND RHEUMATOID ARTHRITIS

C. Paterno Marchioli
Foggia, ITALY

1 / 14 PHEOCHROMOCYTOMA PRESENTED WITH ACUTE HEART FAILURE AND MULTIPLE ORGAN DAMAGE

I. Papadakis, M. Velegraki, P. Ioannou, V. Theodorakopoulou
Heraklion, GREECE

1 / 15 SUPRA RENAL ADENOMA – CASE OF SECONDARY HYPERTENSION

J. Oliveira Ferreira, I. Tinoco, B. Ferreira
Coimbra, PORTUGAL

1 / 16 PRIMARY HYPERALDOSTERONISM AS SECONDARY HYPERTENSION; OUR EXPERIENCE

E. Nelaj, M. Gjata, M. Tase
Tirana, ALBANIA

1 / 17 PRIMARY HYPERALDOSTERONISM: ABOUT 12 CASES

R. Kheder-Elfekih, O. Ben Azouz, M. Krid, H. Jebali, W. Smaoui, L. Ben Fatma, L. Rais, S. Beji, K. Zouaghi
Tunis, TUNISIA

1 / 18 EFFECTS OF SUNITINIB TREATMENT ON PITUITARY-ADRENAL AXIS IN NEOPLASTIC PATIENTS

E. Gherbesi, D. Gambini, M. Rescaldani, R. Maiavacca, F. Napolitano, L. Turolo, C. Sala, M. Tomirotti, F. Lombardi
Milan, ITALY

1 / 19 IMPACT OF DIFFERENCE BETWEEN DEPARTMENTS IN PATIENTS WITH PA WHO UNDERWENT AVS

N. Fujii¹, Y. Ogawa², T. Yoshimoto², K. Takahashi², M. Fujita², N. Umakoshi³, M. Tsuiki³, H. Shibata⁴, H. Ando⁴, K. Kamemura⁵, M. Naruse³
¹ Hiroshima, ² Tokyo, ³ Kyoto, ⁴ Oita, ⁵ Hyogo, JAPAN

1 / 20 EVIDENCE FOR PERSISTENT ORGANOCHLORINE POLLUTANTS IN HUMAN NORMAL ADRENAL CORTEX AND ALDOSTERONE-PRODUCING ADENOMA

E. Fommei¹, R. Turci², A. Ripoli¹, S. Balzan¹, F. Bianchi¹, L. Morelli¹, A. Coi¹
¹ Pisa, ² Pavia, ITALY

1 / 21 HYPERTENSION AND PRIMARY ALDOSTERONISM

N. Dammak, R. Guesmi, Y. Chaabouni, H. Mahfoudh, S. Yaich, M.B. Hmida, M. Kharrat, F. Jarraya, K. Kammoun, J. Hachicha
Sfax, TUNISIA

7 / 22 SUPPRESSION OF ALDOSTERONE SECRETION AFTER RECUMBENT SALINE INFUSION DOES NOT EXCLUDE LATERALIZED PRIMARY ALDOSTERONISM

E. Cornu¹, O. Steichen¹, L. Nogueira-Silva², J.Y. Pagny¹, C. Grataloup¹, S. Baron¹, F. Zinzindohoue¹, P.F. Plouin¹, L. Amar¹

¹ Paris, FRANCE, ² Porto, PORTUGAL

7 / 23 GUIDELINES FOR PRIMARY ALDOSTERONISM: UPTAKE BY PRIMARY CARE PHYSICIANS IN EUROPE

S. Monticone¹, P. Mulatero¹, J. Burrello¹, F. Veglio¹, T.A. Williams¹, J. W. Funder²

¹ Turin, ITALY, ² Victoria, AUSTRALIA

7 / 24 DIAGNOSTIC ACCURACY AND DIAGNOSTIC GAIN OF CRITERIA TO INTERPRET UNILATERALLY SELECTIVE ADRENAL VEIN SAMPLING (AVS) RESULTS

M. Barigou, L. Amar, S. Baron, E. Cornu, G. Lethielleux, C. Grataloup, J.Y. Pagny, T. Carrere, P.Y. Laffy, A.M. Madjalian, F. Zinzindohoue, M. Azizi, O. Steichen

Paris, FRANCE

7 / 25 DIAGNOSTIC VALUE AND REFERENCE INTERVALS OF PLASMA FREE METANEPHRINES MEASURED BY LC-MS IN A POPULATION REFERRED TO A HYPERTENSION EXCELLENCE CENTER

M. Barigou, E. Billaud, R. Putrus, S. Baron, G. Bobrie, A. Blanchard, A.P. Gimenez-Roqueplo, M. Azizi, L. Amar

Paris, FRANCE

7 / 26 ASYMMETRIC DIMETHYLARGININE AS A MARKER OF ENDOTHELIAL DYSFUNCTION IN PATIENTS WITH ENDOCRINE HYPERTENSION OF ADRENAL ORIGIN

V. Vasilev, J. Matrozova, A. Elenkova, G. Kirilov, S. Zacharieva

Sofia, BULGARIA

Posters' Session PS28

METABOLIC DISORDERS AND SLEEP APNOEA

Chairpersons: C. Invitti (Milan, ITALY),
C. Lombardi (Milan, ITALY)

ROOM **8** POSTERS FROM **1** TO **29**

8 / 1 ASSOCIATION OF VISCERAL FAT OBESITY WITH SYSTOLIC PRESSURE AND ARTERIAL STIFFNESS

A. Ishida, K. Kinjo, Y. Ohya

Okinawa, JAPAN

8 / 2 FACTORS INFLUENCING THE OUTCOMES OF HYPERTENSIVE HOSPITALIZED PATIENTS: THE IMPORTANCE OF GLYCEMIC CONTROL

I. Irnizarifka, D. Setyawan Syamsul, R. Soerarso, N. Hersunarti, B. Budi Siswanto

Jakarta, INDONESIA

8 / 3 CHEMERIN SERUM LEVELS IN HYPERTENSIVE PATIENTS WITH OBESITY

O. Honchar, O. Kovalyova, T. Ashcheulova, S. Ivanchenko

Kharkiv, UKRAINE

8 / 4 DIET-INDUCED METABOLIC SYNDROME IN RABBITS AND RATS: LONGTERM HIGH FAT HIGH SUCROSE DIET

N. Goncalves-Rosa, C. Tavares, C. Nunes Da Silva, M. Oliveira
Lisbon, PORTUGAL

8 / 5 COMORBIDITIES IN PATIENTS WITH TYPE 2 DIABETES AND ARTERIAL HYPERTENSION IN BULGARIAN GENERAL POPULATION

L. Kirov¹, E. Mushanov¹, H. Dimitrov², N. Ivanova³, B. Georgiev¹
¹ *Sofia*, ² *Veliko Tarnovo*, ³ *Plovdiv, BULGARIA*

8 / 6 RISK PROFILE OF PATIENTS WITH TYPE 2 DIABETES AND ARTERIAL HYPERTENSION IN BULGARIAN GENERAL POPULATION

L. Kirov¹, E. Mushanov¹, H. Dimitrov², N. Ivanova³, B. Georgiev¹
¹ *Sofia*, ² *Veliko Tarnovo*, ³ *Plovdiv, BULGARIA*

8 / 7 DECOMPENSATED DIABETES IN PATIENTS IN VASCULAR SURGERY AREA

M. Navarrete De Gálvez², P. Losada Mora¹, A. Garrido Castro¹, M. Jimenez Villodres¹,
M. Sanchez Chaparro¹, P. Garcia Frias¹, J. Molina Campos², P. Cabrera Garcia²,
J. Osuna Sánchez², J. Carrillo Linares¹
¹ *Málaga*, ² *Velez-Malaga, SPAIN*

8 / 8 THE STOP-BANG QUESTIONNAIRE AND EPWORTH SLEEPINESS SCALE AS A SCREENING TOOL FOR OBSTRUCTIVE SLEEP APNOEA IN A FAMILY HEALTH PROGRAM IN RIO DE JANEIRO – A PILOT PROJECT

A. Furriel, M. Lapenta, B. Rosenbrock, A.L. Braga Franco, T. Lorena Dos Santos,
L. Reis Forgiarini, M.B. Lobão, L. Oliveira Santana, T. Santos Oliveira, M. Guimarães De Oliveira,
C. Paiva Ribeiro, N. Faquer Nogueira, C. Sampaio, J. Prado Santana, T. Amado Mayer,
R. Bittencourt Maia, A. Bergamo Ayres, C. Pavani Barata, C. Freitas Hermsdorff, E. Muxfeldt
Rio de Janeiro, BRAZIL

8 / 9 THE ROLE OF ANTIOXIDANTS AND OXIDATIVE STRESS IN DIABETIC CARDIOMYOPATHY

M. Fathelbab, N. Waly, A. Elsharmsy, E. Fahmy
Cairo, EGYPT

8 / 10 EFFECT OF CONTINUOUS POSITIVE AIRWAY PRESSURE THERAPY ON BLOOD PRESSURE AND ARTERIAL STIFFNESS IN PATIENTS WITH SEVERE OBSTRUCTIVE SLEEP APNOEA AND CONTROLLED ARTERIAL HYPERTENSION

E. Elfimova, A. Litvin, I. Chazova
Moscow, RUSSIA

8 / 11 INSULIN RESISTANCE AND HYPERINSULINEAMIA IN YOUNG NON-DIABETIC SUBJECTS. EFFECT ON THE PROFILE OF ENDOTHELIAL AND PLATELET FUNCTION

A. Janus, E. Szahidewicz-Krupska, G. Mazur, A. Derkacz, A. Doroszko
Wroclaw, POLAND

8 / 12 NESFATIN-1 ACTIVITY IN PATIENTS WITH ESSENTIAL HYPERTENSION AND PREDIABETES, TYPE 2 DIABETES

G. Demydenko, O. Kovalyova, T. Ashcheulova, M. Vizir
Kharkiv, UKRAINE

8 / 13 IS THE SEVERITY OF NOCTURNAL HYPOXEMIA IN PATIENTS WITH OSAS INVOLVED IN INCREASING BLOOD PRESSURE?

G.N. Dediu, A. Balaceanu, C. Diaconu, A. Iancu, A. Stoica, G. Aron, I. Dina
Bucharest, ROMANIA

8 / 14 BASELINE CHARACTERISTICS OF PATIENTS WITH METABOLIC SYNDROME IN THE IBERICAN STUDY

S. Cinza-Sanjurjo¹, J. Badimón Maestro², J. Vergara Martín³, C. Escobar Cervantes⁴, G. Rodríguez Roca⁵, L. García Matarín³, F. Valls Roca⁶, E. Carrasco Carrasco⁷, C. Murillo Jelsbak⁴, A. González Gamarra⁴
¹ Porto do Son, SPAIN, ² New York, NY, USA, ³ Almería, ⁴ Madrid, ⁵ Toledo, ⁶ Valencia, ⁷ Murcia, SPAIN

8 / 15 THE RELATIONSHIP BETWEEN MARKERS OF CARDIOVASCULAR COMPLICATIONS FOR PATIENTS WITH ARTERIAL HYPERTENSION AND TYPE 2 DIABETES MELLITUS

O. Chernatska, N. Demikhova, Y. Smiianova
Sumy, UKRAINE

8 / 16 ASSOCIATION BETWEEN ABDOMINAL OBESITY AND 20-YEAR SUBSEQUENT AORTIC STIFFNESS IN INITIALLY HEALTHY PEOPLE: A POPULATION-BASED COHORT STUDY

K. Chau, N. Girerd, E. Bozec, Z. Lamiral, L. Merckle, F. Zannad, J.M. Boivin, P. Rossignol
Vandoeuvre-lès-Nancy, FRANCE

8 / 17 METABOLIC EFFECTS OF C-TYPE NATRIURETIC PEPTIDE: IMPAIRED RESPONSES IN OXIDATIVE STRESS AND ADIPOSE TISSUE IN SPONTANEOUSLY HYPERTENSIVE RATS

C. Caniffi, L. Alcober Boquet, F. Ripari, M. Mafka, C. Morales, C. Arranz
Buenos Aires, ARGENTINA

8 / 18 ELEVATION OF ARTERIAL STIFFNESS AND TOTAL PERIPHERAL RESISTANCE IN YOUNG OBESE PATIENTS WITH INTOLERANCE TO CARBOHYDRATES

R. Cabrera Sole¹, L. Urrego Rivera¹, D. Calle Salazar¹, S. Garcia Ruiz¹, E. Estephan Luekpe², M. Aguilera Saldaña¹
¹ Albacete, SPAIN, ² Manchester, UNITED KINGDOM

8 / 19 HIGH-FAT DIET INDUCED OBESITY IN RAT IS ASSOCIATED WITH IN VIVO HYDROXYL RADICAL GENERATION IN ADIPOSE TISSUE: EFFECTS OF LONG-TERM APOCYNIN TREATMENT

S. Tedeschi^{1,2}, S. Halpern¹, G. Graiani¹, S. Perlini³, A. Borghetti¹, A. Cabassi¹
¹ Parma, ² Fidenza, ³ Pavia, ITALY

8 / 20 DAPAGLIFLOZIN ACUTELY REDUCES AORTIC STIFFNESS, RESTORES ENDOTHELIAL DYSFUNCTION AND INDUCES RENAL VASODILATION IN TYPE 2 DIABETIC PATIENTS: A PILOT STUDY

R.M. Bruno, L. Ghiadoni, L. Giannini, E. Vitolo, M. Seghieri, S. Taddei, A. Solini
Pisa, ITALY

8 / 21 COMPONENTS OF METABOLIC HEALTH IN METABOLICALLY HEALTHY AND METABOLICALLY UNHEALTHY OBESE SUBJECTS

M. Boyarinova, A. Orlov, O. Rotar, A. Alieva, E. Moguchaya, E. Vasilieva, V. Yudina, V. Solntsev, E. Baranova, A. Konradi, E. Shlyakhto
Saint-Petersburg, RUSSIA

8 / 22 TARGET ORGAN DAMAGE AMONG PATIENTS WITH METABOLIC SYNDROME AND ARTERIAL HYPERTENSION FIRST DEGREE

N. Blinova, Y. Zhernakova, I. Chazova
Moscow, RUSSIA

8 / 23 RELATIONSHIP BETWEEN HYPERTENSION AND GENDER IN PATIENTS WITH DIABETES MELLITUS

C. Avramescu, M.A. Iancu, G.N. Dediu, C. Diaconu, D. Matei
Bucharest, ROMANIA

8 / 24 THE BIOCHEMICAL PREDICTORS OF INITIATING THE DEVELOPMENT OF DISORDERS OF THE ELASTIC PROPERTIES OF VASCULAR WALL IN PATIENTS WITH ARTERIAL HYPERTENSION AND ABDOMINAL OBESITY

K. Avdeeva, T. Petelina, L. Gapon, N. Musikhina
Tyumen, RUSSIA

8 / 25 YOUNG REVERSE DIPPER HYPERTENSION: SHOULD ALL BE INVESTIGATED FOR OSA?

A. Alvarez-Tiu, A. Sule
Singapore, SINGAPORE

8 / 26 TYPE 1 DIABETES AND LIPID PROFILE

T. Ach, Y. Hasni, A. Maaroufi, M. Kacem, M. Chaieb, K. Ach
Sousse, TUNISIA

8 / 27 IS THAT OBSTRUCTIVE SLEEP APNOEA PARTICIPATES IN THE DECREASE OF THE ANTIAGGREGANT EFFECT OF THE ASPIRIN OBSERVED IN PATIENTS WITH DIABETES MELLITUS

O. Ormezzano, A.L. Borel, R. Tamisier, R. Marlu, P. Faure, B. Polack, P.Y. Benhamou, J.L. Pépin
Grenoble, FRANCE

8 / 28 IMPACT OF HYPERTENSION ON LEFT VENTRICULAR MECHANICS ASSESSED BY TWO-DIMENSIONAL SPECKLE-TRACKING ECHOCARDIOGRAPHY IN ASYMPTOMATIC MIDDLE-AGED PATIENTS WITH TYPE 2 DIABETES MELLITUS

A. Kisko, M. Babcak, J. Kmec, L. Dernerova, F. Nemeth
Presov, SLOVAK REPUBLIC

8 / 29 THE ACUTE REDUCTION IN PLASMA POTASSIUM AND INCREASE IN RENIN LEVELS DURING AN ORAL GLUCOSE LOAD: A PHYSIOLOGICAL EFFECT WITH POSSIBLE RELEVANCE IN CARDIO-METABOLIC RISK

K. Chatzianagnostou, E. Fommei, S. Patti, F. Vannucci, C. Prontera, S. Ghione
Pisa, ITALY

Posters' Session PS29

BRAIN

Chairpersons: P. Cunha (*Guimarães, PORTUGAL*),
D. Gasecki (*Gdansk, POLAND*)

ROOM **9** POSTERS FROM **1** TO **36**

9 / 1 PARADOXICAL ASSOCIATION BETWEEN LEFT VENTRICULAR HYPERTROPHY AND FAVORABLE OUTCOME OF ACUTE ISCHEMIC STROKE

K. Tziomalos, S. Bouziana, M. Spanou, S. Kostaki, S. Angelopoulou, K. Christou, A. Sofogianni, S. Alkagiet, C. Savopoulos, A. Hatzitolios
Thessaloniki, GREECE

9 / 2 ASSOCIATION BETWEEN BODY WEIGHT, ARTERIAL STIFFNESS AND COGNITIVE FUNCTION IN YOUNG PEOPLE

Y. Tkachenko, Y. Orlova, I. Strazhesko
Moscow, RUSSIA

9 / 3 CENTRAL ACTIVATION OF RENIN ANGIOTENSIN SYSTEM ACCELERATES BRAIN INJURY AND SARCOPENIA ASSOCIATED WITH OXIDATIVE STRESS IN EXPERIMENTAL ALZHEIMER'S DISEASE

K. Takane¹, Y. Hasegawa¹, N. Sugano², G. Tokudome², T. Yokoo², S. Kim-Mitsuyama¹
¹ Kumamoto, ² Tokyo, JAPAN

9 / 4 RANDOMIZED TRIAL TO TEST THE SAFETY OF EMPAGLIFLOZIN IN PATIENTS WITH DIABETES AFTER STROKE WITH CHRONIC HEART FAILURE

V. Shishkova
Moscow, RUSSIA

9 / 5 HYPERTENSION, CEREBROVASCULAR DISEASE AND TYPE 2 DIABETES: THE ASSOCIATION STUDY OF POLYMORPHISMS IN METHYLENETETRAHYDROFOLATE REDUCTASE AND APOLIPOPROTEIN E GENES

V. Shishkova
Moscow, RUSSIA

9 / 6 STROKE PRECONDITIONS AT PATIENTS WITH DIABETES

V. Shishkova
Moscow, RUSSIA

9 / 7 INCREASE OF SYMPATHETIC ACTIVITY AS A RISK FACTOR OF STRUCTURAL CHANGES OF THE BRAIN IN HYPERTENSIVE PATIENTS

G. Semke, V. Mordovin, S. Pekarskiy, T. Ripp, A. Falkovskaya
Tomsk, RUSSIA

9 / 8 FEATURES CEREBROPROTECTIVE EFFICIENCY ANTIHYPERTENSIVE DRUGS ACCORDING NEUROIMAGING RESEARCH METHODS

G. Semke, V. Mordovin, S. Pekarskiy, T. Ripp, A. Falkovskaya, V. Usov
Tomsk, RUSSIA

9 / 9 NEW CLASSIFICATION OF CEREBROVASCULAR REACTIVITY DISORDERS AND THE FREQUENCY OF OCCURRENCE FOR THESE DIFFERENT TYPES

T. Ripp, V. Mordovin, E. Ripp, N. Rebrova, G. Semke, S. Pekarskiy, A. Falkovskaya, S. Popov
Tomsk, RUSSIA

9 / 10 EFFECT OF LISINAPRIL ON CEREBROVASCULAR REACTIVITY IN HYPERTENSIVE PATIENTS WITH RHEUMATOID ARTHRITIS

N. Rebrova, O. Sarkisova, T. Ripp, I. Bogomolova, E. Anisimova, V. Mordovin, R. Karpov
Tomsk, RUSSIA

9 / 11 ASSOCIATION OF SODIUM-POTASSIUM INTAKE RATIO WITH THE INCIDENCE OF STROKE EVENTS IN A POPULATION UNDER THE AGE OF 65 YEARS IN FIVE DIFFERENT REGIONS OF PORTUGAL

J. Polonia¹, L. Martins², S. Abreu¹, F. Pinto², J. Nazare³
¹ Porto, ² Feira, ³ Lisbon, PORTUGAL

9 / 12 RELATION BETWEEN ARYLESTERASE ACTIVITY AND PULSE PRESSURE IN PATIENTS WITH A ISCHEMIC STROKE

U. Ozturk, O. Ozturk, S. Varol
Diyarbakir, TURKEY

9 / 13 THE INTERPLAY BETWEEN HYPERTENSION, POLYPHENOLS AND ALCOHOL IN COGNITIVE FUNCTION

J. Mariz, V.H. Pereira, C. Cunha, P. Costa, C. Leão, J. Castro-Lopes, N. Sousa
Braga, PORTUGAL

9 / 14 SYMPATHETIC ACTIVITY IS DECREASED IN PATIENTS WITH POLYCYTHEMIA VERA AS COMPARED WITH PATIENTS WITH ESSENTIAL HYPERTENSION

J. Lewandowski¹, M. Sinski¹, A. Sikorska¹, A. Kaszuba¹, J. Wojcicki¹, A. Prejbisz¹, E. Florczak¹, M. Kabat¹, M. Januszewicz¹, Z. Gaciong¹, A. Wiecek², J. Windyga¹, A. Januszewicz¹
¹ Warsaw, ² Katowice, POLAND

9 / 15 COGNITIVE FUNCTION AND OVERWEIGHT IN PATIENTS WITH HYPERTENSION: ARE THEY LINKED?

V. Krotova, T.A. Khomazyuk
Dnipro, UKRAINE

9 / 16 NITROSONIFEDIPINE, A NOVEL ANTIOXIDANT, AMELIORATES NEUROLOGICAL SYMPTOMS AND PROLONGS THE SURVIVAL IN A MALIGNANT STROKE-PRONE SPONTANEOUSLY HYPERTENSIVE RATS

Y. Izawa-Ishizawa¹, K. Ishizawa¹, M. Tabuchi², M. Imanishi¹, M. Takata¹, E. Sairyo¹, Y. Zamami¹, Y. Horinouchi¹, Y. Ikeda¹, K. Tsuchiya¹, T. Tamaki¹
¹ Tokushima, ² Amagasaki, JAPAN

9 / 17 HYPERTENSIVE ENCEPHALOPATHY IN A TERIFLUNOMIDE TREATED PATIENT

C. Homentcovschi, R. Siliste, R. Ianula, C. Cristescu
Bucharest, ROMANIA

9 / 18 PULSE PRESSURE INDEX: AN INDICATOR OF SEVERITY OF SILENT CEREBROVASCULAR DAMAGE IN ESSENTIAL HYPERTENSIVE PATIENTS

O. Gulkevych, O. Kupchynska, T. Ovdienko, A. Logvinenko, M. Sheremet
Kiev, UKRAINE

9 / 19 USE OF BETA-BLOCKERS IS NOT ASSOCIATED WITH POOR SHORT-TERM OUTCOME IN HYPERTENSIVE PATIENTS WITH STROKE

S. Koton², D. Tanne¹, E. Grossman¹

¹ Tel Hashomer, ² Tel Aviv, ISRAEL

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M. Gouda, W. Khalil

Zagazig, EGYPT

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S. Gonzalez¹, P. Kempny, J. Chiabaut Svane, C. Castellaro, M. Schiavone, F. Inserra, A. Hita

Pte Derqui, ARGENTINA

9 / 22 WEBER SYNDROME – A CASE REPORT

D. Gomes¹, S. Alves², C. Rodrigues³, R. Gomes³, S. Tavares¹

¹ Chaves, ² Montalegre ³ Vila Nova De Gaia, PORTUGAL

9 / 23 COGNITIVE DYSFUNCTION IN HYPERTENSIVE PATIENTS FROM ROMANIA - WHICH TEST TO USE IN CLINICAL PRACTICE?

Z. Germán-Salló, M. Germán-Salló, B. Baróti, Z. Preg, E. Nemes-Nagy, Z. Márton, T. Pál

Targu Mures, ROMANIA

9 / 24 INCIDENCE OF HYPERTENSION AND DIABETES IN PATIENTS WITH CAROTID ARTERY STENOSIS COMPARED TO THOSE WITH MULTISITE ATHEROSCLEROSIS

N. Nikolov, B. Georgiev, D. Lukanova, B. Stoianova, M. Stankev

Sofia, BULGARIA

9 / 25 CARDIOVASCULAR RISK PROFILE OF PATIENTS WITH EXTRACRANIAL CAROTID ATHEROSCLEROTIC DISEASE UNDERGOING CAROTID SURGERY

D. Lukanova, N. Nikolov, B. Georgiev, B. Stoianova, M. Stankev

Sofia, BULGARIA

9 / 26 AORTIC STIFFNESS IS INDEPENDENTLY RELATED TO INTRACRANIAL ATHEROSCLEROSIS IN PATIENTS WITH ISCHEMIC STROKE

D. Gasecki¹, M. Kwarciany¹, K. Kowalczyk¹, T. Nowicki¹, A. Rojek¹, E. Szurowska¹, P. Boutouyrie², S. Laurent², B. Karaszewski¹, K. Narkiewicz¹

¹ Gdansk, POLAND, ² Paris, FRANCE

9 / 27 EXAGGERATED BLOOD PRESSURE VARIABILITY IN BOTH OFFICE AND AMBULATORY BLOOD PRESSURE MONITORING ARE ASSOCIATED WITH COGNITIVE DYSFUNCTION IN EXTREMELY ELDERLY PATIENTS

T. Fujiwara, S. Hoshide, K. Kario

Shimotsuke, JAPAN

9 / 28 SERUM PROTEINS INTERPLAYING WITH ISCHEMIC STROKE - A LC/MS HUMAN PROTEOMIC STUDY FOR BIOMARKERS AND POTENTIAL DRUG TARGETS

A. Turek-Jakubowska¹, J. Debski², M. Jakubowski¹, E. Szahidewicz-Krupska¹,

J. Gawrys¹, K. Rdzanek¹, A. Doroszko¹

¹ Wroclaw, ² Warsaw, POLAND

9 / 29 HOME BLOOD PRESSURE MEASUREMENTS IN A MEMORY CLINIC POPULATION

R.A.A. de Heus, A.L. Meendering, M.G.M. Olde Rikkert, J.A.H.R. Claassen
Nijmegen, THE NETHERLANDS

9 / 30 COGNITIVE IMPAIRMENT AND DEPENDENCE IN DAILY LIFE ACTIVITIES IN ELDERLY SUBJECTS WITH VASCULAR COMORBIDITY

F. D'Amico
Messina, ITALY

9 / 31 ORTHOSTATIC HYPOTENSION AND RISK OF INCIDENT DEMENTIA

A. Cremer¹, A. Soumaré¹, C. Berr², J.F. Dartigues¹, A. Gabelle², C. Tzourio¹
¹ Bordeaux, ² Montpellier, FRANCE

9 / 32 SIDI BEL-ABBES PROSPECTIVE STROKE STUDY (SPSS): RESULTS AFTER 15 MONTHS OF INCLUSION

M. Chami, S.T. Hebri, Z. Nadjj, F. Arbia-Boudjelthia, S. Maamar, W. Zahdour, S. Benteldja, S. Ghlamoun
Sidi Bel-Abbes, ALGERIA

9 / 33 ANTIHYPERTENSIVE TREATMENT AND OUTCOME IN PATIENTS WITH ACUTE STROKE FROM BULGARIAN IN HOSPITAL POPULATION

L. Baurenski, E. Trendafilova, L. Haralanov
Sofia, BULGARIA

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C. Alonzo, L. Brescacin, M. Zurrú, G. Linares, G. Fucile, S. Pigretti, L. Cámara, G. Waisman
Buenos Aires, ARGENTINA

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Buenos Aires, ARMENIA

9 / 36 EVALUATION OF CAROTID STENOSIS AS RISK FACTOR FOR STROKE IN HYPERTENSIVE DIABETIC AND NON DIABETIC ELDERLY PATIENTS

C. Revnic¹, F. Revnic¹, B. Paltineanu², S. Voinea¹
¹ Bucharest, ² Targu Mures, ROMANIA

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MOLECULAR FUNDAMENTS

Chairpersons: M. Bombelli (Monza, ITALY),
C. Delles (Glasgow, UNITED KINGDOM)

ROOM **10** POSTERS FROM **1** TO **33**

10 / 1 MICRO-92B SUPPRESS HAND2 TO MEDIATE ANGIOTENSIN-II-INDUCED CARDIAC HYPERTROPHY

X. Yu, Y. Huang, Z. Hu, Z. Shan, Y. Feng
Guangzhou, CHINA

10 / 2 ASSOCIATION ANALYSIS OF POLYMORPHIC MARKER IN PHACTR1 GENE FOR THE RISK OF DEVELOPING ARTERIAL HYPERTENSION

T. Yaneva-Sirakova, R. Tzveova, C. Naydenov, R. Kaneva, V. Mitev, L. Vladimirova, R. Tarnovska-Kadreva, D. Vassilev
Sofia, BULGARIA

10 / 3 POLYMORPHISM OF PEROXISOME PROLIFERATOR-ACTIVATING RECEPTOR (PPAR- <GAMMA>) & ANGIOTENSIN II RECEPTOR TYPE 1 (AT1R) GENES IN ESSENTIAL HYPERTENSION WOMEN IN UKRAINIAN POPULATION

O. Starzhynska, V. Zhebel, V. Petrovska, O. Maiko
Vinnitsya, UKRAINE

10 / 4 ASSOCIATION OF THE APOE AND MTHFR GENES POLYMORPHISMS AND STROKE IN THE RUSSIAN POPULATION

V. Shishkova
Moscow, RUSSIA

10 / 5 GENE POLYMORPHISM OF THE BRAIN NATRIURETIC PEPTIDE IN MEN WITH ESSENTIAL HYPERTENSION

I. Pashkova, V. Zhebel
Vinnitsa, UKRAINE

10 / 6 ENDOTHELIN-1 GENE LYS198ASN POLYMORPHISM IN MEN WITH ESSENTIAL HYPERTENSION COMPLICATED AND UNCOMPLICATED WITH CHRONIC HEART FAILURE

H. Palahniuk, V. Zhebel, O. Starzhynska
Vinnitsya, UKRAINE

10 / 7 THE ESSENTIAL HYPERTENSION AND GENETIC POOL IN UZBEK POPULATION

A. Nagay
Tashkent, UZBEKISTAN

10 / 8 CLINICAL DECISION SUPPORT SYSTEMS CONTROLLER AND DNA DATABASES: POTENTIAL MISTAKES

A. Nagay, G. Khamidullaeva, N. Srojedinova, N. Shakirova, S. Nagaev
Tashkent, UZBEKISTAN

10 / 9 KIF6 GENE POLYMORPHISM IS ASSOCIATED WITH ARTERIAL RESISTANCE AND ATHEROSCLEROSIS IN PATIENTS WITH HYPERTENSION

L. Minushkina, O. Koroleva, N. Selezneva, M. Kochkina, A. Nikitin, D. Zateyshchikov
Moscow, RUSSIA

10 / 10 INCREASED ALPHA2B-ADRENERGIC RECEPTORS GENE EXPRESSION IN PLATELETS FROM PATIENTS WITH NOT ADEQUATELY CONTROLLED ESSENTIAL HYPERTENSION

M. Marketou¹, A. Spanaki¹, J. Kontaraki¹, F. Parthenakis¹, P. Tsiverdis¹, J. Konstantinou¹, D. Vougia¹, J. Logakis¹, I. Gavras², H. Gavras², P. Vardas¹
¹ Heraklion, GREECE, ² Boston, MA, USA

10 / 11 CYTOGENETIC ABNORMALITIES IN THE POPULATION RESIDING IN THE TERRITORY OF THE FORMER SEMIPALATINSK NUCLEAR TEST SITE

A. Markabaeva¹, N. Chayzhunussova¹, T. Rakhypbekov¹, A. Kerimkulova², M. Madieva¹, A. Ospanova¹
¹ Semey, ² Astana, KAZAKHSTAN

10 / 12 GENE POLYMORPHISM OF ALDOSTERONE SYNTHETASE (CYP11B2) VARIANTS AND MAIN CARDIOVASCULAR RISK FACTORS

L. Lobach, V. Dosenko, M. Dolzhenko
Kiev, UKRAINE

10 / 13 GENETIC POLYMORPHISMS OF LYS198ASN GENE ENDOTHELIN-1 AND INS319G GENE IN PATHOGENESIS OF MICROVASCULAR ANGINA

I. Leonova, V. Feoktistova, O. Zaharova, S. Boldueva, O. Sirotkina
Saint-Petersburg, RUSSIA

10 / 14 TRADITIONAL RISK FACTORS AS ARTERIAL HYPERTENSION, OBESITY AND POLYMORPHISM C825T GENE BETA 3-SUBUNIT OF G PROTEIN AMONG YOUNG AND MIDDLE-AGED WOMEN WITH CORONARY ARTERY DISEASE

I. Leonova, V. Feoktistova, S. Boldueva, O. Sirotkina, T. Vavilova
Saint-Petersburg, RUSSIA

10 / 15 INTERCONNECTION BETWEEN RENAL FILTRATION FUNCTION AND GENE POLYMORPHISM IN PATIENTS WITH ARTERIAL HYPERTENSION

N. Koziolova, A. Chernyavina, S. Latysheva
Perm, RUSSIA

10 / 16 EFFECTS OF THE ACE I/D GENE POLYMORPHISM ON ESRD PATIENTS SURVIVAL

R. Kalaitzidis¹, V. Tsimichodimos¹, O. Balafa¹, D. Vlachakos², K. Siamopoulos¹, M. Elisaf¹
¹ Ioannina, ² Athens, GREECE

10 / 17 THE POLYMORPHISM - 634 G/C (RS 2010963) OF VEGF-A GENE AS A RISK FACTOR FOR CARDIOVASCULAR COMPLICATIONS IN THE DEVELOPMENT OF HYPERTENSION AND OBESITY IN PERIMENOPAUSAL WOMEN

M. Iaresko
Kharkiv, UKRAINE

10 / 18 ASSOCIATION OF C677T MTHFR AND G20210A FII PROTHROMBIN POLYMORPHISMS WITH SUSCEPTIBILITY TO MYOCARDIAL INFARCTION

W. Hmimech, H. Hassani Idrissi, B. Diakite, D. Baghdadi, F. Korchi, R. Habbal, S. Nadifi
Casablanca, MOROCCO

10 / 19 G2691A AND C2491T MUTATIONS OF FV GENE AND PREDISPOSITION TO MYOCARDIAL INFARCTION IN MOROCCO

W. Hmimech, B. Diakite, H. Hassani Idrissi, Kh. Hamzi, F. Korchi, D. Baghdadi, R. Habbal, S. Nadifi
Casablanca, MOROCCO

10 / 20 POLYMORPHISMS OF CYP2C19 IN MOROCCAN ACUTE CORONARY SYNDROME (ACS) PATIENTS: EFFECT ON CLOPIDOGREL RESPONSE

H. Hassani Idrissi¹, W. Hmimech¹, N. El Khorb², H. Akoudad², R. Habbal¹, S. Nadifi¹
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10 / 21 ASSOCIATION OF G894T ENOS, 4G/5G PAI AND T1131C APOA5 POLYMORPHISMS WITH SUSCEPTIBILITY TO MYOCARDIAL INFARCTION IN MOROCCO

H. Hassani Idrissi¹, W. Hmimech¹, N. El Khorb², H. Akoudad², R. Habbal¹, S. Nadifi¹
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10 / 22 ASSOCIATION OF THE C3435T MULTI-DRUG RESISTANCE GENE-1 (MDR-1) POLYMORPHISM WITH CLOPIDOGREL RESISTANCE AMONG MOROCCAN ACUTE CORONARY SYNDROMES (ACS) PATIENTS

H. Hassani Idrissi¹, W. Hmimech¹, N. El Khorb², H. Akoudad², R. Habbal¹, S. Nadifi¹
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10 / 23 DOES I-T744C P2Y12 POLYMORPHISM MODULATE CLOPIDOGREL RESPONSE AMONG MOROCCAN ACUTE CORONARY SYNDROMES (ACS) PATIENTS?

H. Hassani Idrissi¹, W. Hmimech¹, N. El Khorb², H. Akoudad², R. Habbal¹, S. Nadifi¹
¹ Casablanca, ² Fes, MOROCCO

10 / 24 FAMILIAL FIBROMUSCULAR DYSPLASIA COEXISTING WITH MOYA-MOYA SYNDROME FOUND IN PATIENTS ENROLLED INTO ARCADIA-POL STUDY

K. Hanus¹, M. Peczkowska¹, E. Warchol-Celinska¹, E. Florczak¹, L. Swiatlowski², K. Jozwik-Plebanc¹, M. Januszewicz¹, P. Talarowska¹, A. Aniszcuk¹, K. Kowalik¹, J. Ziebka¹, M. Kabat¹, H. Janaszek-Sitkowska¹, I. Michalowska¹, A. Prejbisz¹, M. Niemirska¹, M. Litwin¹, A. Szczerbo-Trojanowska², A. Januszewicz¹
¹ Warsaw, ² Lublin, POLAND

10 / 25 EFFECT OF MAGNESIUM DEPRIVATION ON HYPERTENSION RELATED GENE EXPRESSION PROFILES IN HUMAN HEART

R. Gasser, C. Ablasser, S. Gasser
Graz, AUSTRIA

10 / 26 THE ACE AND ACTN3 GENES POLYMORPHISMS ARE NOT ASSOCIATED WITH BLOOD PRESSURE LEVELS IN ELITE MALE SERBIAN ATHLETES

T. Durmic, N. Atanasijevic, M. Djelic, T. Gavrilovic, M. Antic, M. Zdravkovic, O. Stojkovic
Belgrade, SERBIA

10 / 27 A GENOME-WIDE ASSOCIATION STUDY ON THE EFFECT OF HYDROCHLOROTHIAZIDE ON SERUM URATE CONCENTRATION

E. Ala-Mutka, K.K. Kontula, F. Fyhrquist, T.P. Hiltunen
Helsinki, FINLAND

10 / 28 PLATELET CARBONIC ANHYDRASE II MAY BE RESPONSIBLE FOR ASPIRIN RESISTANCE - A LC/MS PROTEOMIC STUDY

M. Jakubowski¹, J. Debski², E. Szahidewicz-Krupska¹, A. Turek-Jakubowska¹, J. Gawrys¹, K. Rdzanek¹, A. Derkacz¹, A. Doroszko¹
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10 / 29 PREHYPERTENSION AND SINGLE NUCLEOTIDE POLYMORPHISM RS13333226 OF THE UROMODULIN (UMOD) GENE

V. Domislovic, K. Dapic, L. Simicevic, T. Zeljkovic Vrkic, J. Josipovic, M. Laganovic, M. Fucek, D. Rogic, J. Sertic, A. Jelakovic, Z. Dika, J. Kos, S. Karanovic, I. Vukovic Brinar, L. Gellineo, B. Jelakovic
Zagreb, CROATIA

10 / 30 STANDARDIZATION OF THE SNAPSHOT® MULTIPLEX SYSTEM FOR ANALYSES OF GENETIC POLYMORPHISMS ASSOCIATED WITH HYPERTENSION AND OBESITY IN STUDENTS 10-15 YO. RIO DE JANEIRO STUDY II

Y.L.R.C. Machado, F. Lopes Fonseca, M. Magalhaes, E. Gongalves Fontana, P. Spinetti, Freitas Rga, R. Pozzan, Da Silva, A.A. Brandao
Rio de Janeiro, BRAZIL

10 / 31 INFLUENCE OF UMOD RS12917707 ON BLOOD PRESSURE AND CARDIO-RENAL FUNCTION

E. Algharably ^{1,2}, J. Bolbrinker ¹, S. Lezius ³, R. Reibis ^{4,5}, K. Wegscheider ³, H. Völler ^{4,5},
 R. Kreutz ¹

¹ Berlin, GERMANY, ² Cairo, EGYPT, ³ Hamburg-Eppendorf, ⁴ Rüdersdorf, ⁵ Potsdam, GERMANY

10 / 32 ASSOCIATION OF G894T ENOS POLYMORPHISM WITH SUSCEPTIBILITY TO ESSENTIAL HYPERTENSION (EH) IN MOROCCO

S. Nasserredine, H. Hassani Idrissi, R. Habbal, R. Abouelfath, F. Korchi, M. Haraka, A. Karkar,
 S. Nadifi

Casablanca, MOROCCO

10 / 33 THE G-308A TUMOR NECROSIS FACTOR ALPHA GENE VARIANT ASSOCIATED WITH THE HEART FAILURE IN PATIENTS WITH CORONARY ARTERY DISEASE AND OBESITY

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Kharkiv, UKRAINE

Late-Breaker Posters

SESSION 3

Chairperson: F. Rabbia (*Turin, ITALY*)

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M. Mian, J.L. Bigras, R. Fernandes, M. Bertagnolli, L.F. Xie, K. Paquette, R. Wu, A. Cloutier,
 V. Orlando, T.M. Luu, A.M. Nuyt

Montreal, CANADA

11 / 2 CHRONIC HYPERTENSION IN PREGNANCY: A TEN YEARS EXPERIENCE

M. Agostinis, S. Moretti, N. Tandurella, A. Grossi, G. Cavallaro, V. Pierobon, L. Tavecchia,
 V. Mancuso, C. Mongiardi, L. Montalbetti, A. Lippi, A.M. Grandi, L. Guasti, A.M. Maresca

Varese, ITALY

11 / 3 FOLLOW-UP RESULTS OF ROENTGENOVASCULAR DESTRUCTION OF ADRENAL GLAND IN PATIENTS WITH ESSENTIAL HYPERTENSION

B. Tursunov, H. Usmanov, S. Temirov, N. Kayumova

Tashkent, UZBEKISTAN

11 / 4 MODULATION OF MEMBRANE PROTEIN EXPRESSIONS IN ALDOSTERONE INDUCED HUMAN KIDNEY CELL VIA MICRORNAS

S. Karakurt

Konya, TURKEY

11 / 5 NEGATIVE CORRELATION OF RHO-MIR-15-5P AND MAP3K IN HYPERTENSIVE RAT MODELS

G. Tekin, A. Gul, S. Karakurt

Konya, TURKEY

11 / 6 "WHITE-COAT EFFECT" AS A CAUSE OF "PSEUDO-RESISTANT" HYPERTENSION
M. Petrovic¹, S. Milanov¹, G. Davidovic¹, J. Vuckovic¹, V. Iric Cupic¹, D. Dragisic², N. Tasic²,
 M. Vuleta¹

¹ Kragujevac, ² Belgrade, *SERBIA*

11 / 7 CHARACTERISTICS OF RENAL MEDIUM-SMALL VESSEL MANIFESTATIONS IN 10 PATIENTS WITH RENOVASCULAR HYPERTENSION

B. Zhu

Urumqi, *CHINA*

11 / 8 RENAL FUNCTIONAL DISTURBANCIES IN PATIENTS WITH RESISTANT ARTERIAL HYPERTENSION IN COMBINATION WITH RENAL ARTERY ABNORMALITIES

N. Savelieva, N. Antipina, A. Zherzhova, L. Gapon

Tomsk, *RUSSIA*

11 / 9 KIDNEY FUNCTION AND CAROTID STRUCTURAL CHANGES IN PATIENTS WITH RESISTANCE HYPERTENSION

O. Gulkevych, O. Kupchynska, M. Sheremet

Kiev, *UKRAINE*

11 / 10 PHARMACOMETABOLOMIC ANALYZES OF FIVE ANTIHYPERTENSIVE DRUGS FROM HUMAN SERUM SAMPLES OF RESISTANT HYPERTENSIVE PATIENTS

C. Bueno¹, H. Faria², E. Figueiredo², J. Krieger¹, E. Krieger¹, A. Pereira¹, P. Santos¹

¹ Sao Paulo, ² Minas Gerais, *BRAZIL*

11 / 11 WOULD DDD, CONTRARY TO THE TOTAL NUMBER OF DRUGS, BE THE BEST TOOL TO EVALUATE THE EFFECTIVENESS OF ANTIHYPERTENSIVE THERAPY?

V. Brunelli, A. De Faria, L.A. Cruz, N. Batista Corrêa, A. Rodrigues Sabbatini, R. Modolo,

H. Moreno, A.M. Ritter

Campinas, *BRAZIL*

11 / 12 THE POSSIBLE RELATIONSHIP BETWEEN AIRWAY RESISTANCE AND SURFACTANT PROTEINS IN OSA. A COMPLEMENTARY STUDY

X. Li, L. Shao, M. Heizhati, X. Yao, Y. Wang, J. Hong, N. Li

Urumqi, *CHINA*

11 / 13 DNA HYPERMETHYLATION IN GLUCOSE TRANSPORTERS 4 GENE IN HYPERTENSIVE PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA SYNDROME

M. Li, M. Heizhati, T. Wu, X. Yao, Q. Zhu, Y. Wang, N. Li

Urumqi, *CHINA*

11 / 14 MANAGEMENT OF HYPERTENSIVE URGENCY AND EMERGENCY: AN AUDIT OF LOCAL PRACTICE AT A DISTRICT GENERAL HOSPITAL

C. Brathwaite Shirley, G. Khamba

London, *UNITED KINGDOM*

11 / 15 DOWN TITRATION AND MORTALITY IN SPRINT STUDY

Z. Gasimov

Baku, *AZERBAIJAN*

11 / 16 COMPLIANCE AND ACCEPTANCE OF FIXED-DOSE COMBINATION OF BISOPROLOL AND ASPIRIN. OPEN-LABEL MULTICENTER STUDY

Z. Gaciong¹, U. Hostalek², A. Kurzeja²
¹ Warsaw, POLAND, ² Darmstadt, GERMANY

11 / 17 THE COMPARISON OF ADHERENCE TO SELF-CARE ACTIVITIES IN DIABETES PATIENTS WITH AND WITHOUT HYPERTENSION COMORBIDITY IN THE OUTPATIENT SETTINGS OF A TERTIARY CARE HOSPITAL IN DELHI

S. Basu, S. Garg, N. Sharma, M. Singh, S. Garg
 New Delhi, INDIA

11 / 18 INFLUENCE OF ANGIOTENSIN-CONVERTING-ENZYME INHIBITORS AND B – ADRENOLYTIC ON CHOSEN BIOCHEMICAL PARAMETERS IN GROUP OF PATIENTS WITH UNTREATED HYPERTENSION

K. Musialik, M. Walczak-Galezewska, D. Skrypnik, P. Bogdanski, D. Pupek-Musialik
 Poznan, POLAND

11 / 19 VALUE OF A PHARMACEUTICAL CARE PLAN FOR ADHERENCE TO TREATMENT IN HYPERTENSION CONTROL

M. Sánchez-Macarro¹, J. Abellán-Huerta², P. Ramos-Ruiz³, G. Clavel Ruiperez³, J.J. Martínez-Díaz³, P. Gómez-Jara¹, M. Leal-Hernández¹, J. Abellán-Alemán¹
¹ Murcia, ² Almansa, ³ Cartagena, SPAIN

11 / 20 APPLICATIONS OF RAS-EQUILIBRIUM-ANALYSIS IN THE DIAGNOSIS OF PRIMARY ALDOSTERONISM AND BIOCHEMICAL PROFILING OF HYPERTENSION

M. Poglitsch¹, A. Ahmed², A. Stoller³, D. Van Oyen¹, C. Schwager¹, C. Aigner¹, O. Domenig¹, M. Haschke³, M. Stowasser²
¹ Vienna, AUSTRIA, ² Brisbane, AUSTRALIA, ³ Basel, SWITZERLAND

11 / 21 HYPERTENSION IN THE GESTATIONAL DIABETES

M. Ach, Y. Hasni, H. Marzouk, A. Ben Abdelkarim, A. Maaroufi, M. Kacem, M. Chaieb, K. Ach Sousse, TUNISIA

Oral Presentations in Poster Area

COMPLICATIONS AND COMORBIDITIES

Chairpersons: P. Pauletto (Padua, ITALY),
 R. Pontremoli (Genoa, ITALY)

ROOM **A****ASSESSMENT OF LEFT VENTRICULAR SYSTOLIC FUNCTION IN MASKED AND ISOLATED OFFICE HYPERTENSION IN A GENERAL POPULATION IN NORTHERN ITALY: THE VOBARNO STUDY**

M. Salvetti, A. Painsi, D. Stassaldi, F. Bertacchini, G. Maruelli, G. Rubagotti, S. Favro, M. Riviera, L. Dallapellegrina, E. Agabiti Rosei, M.L. Muiesan
 Brescia, ITALY

RELATION BETWEEN PARAOXONASE-1ACTIVITY AND PULSE PRESSURE IN PATIENTS WITH A ISCHEMIC STROKE

U. Ozturk, D. Ozturk, S. Varol
Diyarbakir, TURKEY

ASSOCIATION OF CIRCULATING OSTEOPROTEGERIN (OPG) AND RANKL WITH INTRACRANIAL ARTERIAL CALCIFICATION IN HYPERTENSIVE PATIENTS

Y. Cheng, Y. Wang, Q. Guo, D. Zhu, Y. Li
Shanghai, CHINA

FEASIBILITY OF NEWLY PROPOSED ALGORITHMS TO ASSESS DIASTOLIC DYSFUNCTION IN HYPERTENSIVE PATIENTS

M. Cesari, G. Maiolino, T.M. Seccia, G.P. Rossi
Padua, ITALY

SYSTOLIC BLOOD PRESSURE IS A RISK FACTOR FOR DEVELOPMENT AND PROGRESSION OF RETINOPATHY IN PATIENTS WITH TYPE 1 DIABETES AND NORMAL RENAL FUNCTION

T. Bulum, I. Prkacin, M. Tomic, L. Duvnjak
Zagreb, CROATIA

STATIN TREATMENT AND THE RISK OF SUBCLINICAL CEREBROVASCULAR DISEASE

C. Alonzo, L. Brescacin, M. Zurrú, B. Guido, G. Linares, M. Baroni, N. Balian, L. Cámera, G. Waisman
Buenos Aires, ARGENTINA

CARDIORESPIRATORY FITNESS AND STROKE INCIDENCE IN HYPERTENSIVE OVERWEIGHT AND OBESE PATIENTS

A. Pittaras¹, C. Faselis², P. Narayan², M. Doumas², E. Kallistratos¹, C. Grassos¹, M.V. Papavasiliou¹, N. Kouremenos¹, K. Kyfnidis¹, C. Tsioufis¹, A.J. Manolis¹, P. Kokkinos²
¹ Athens, GREECE, ² Washington, DC, USA

Oral Presentations in Poster Area

DIAGNOSIS AND TREATMENT

Chairpersons: M. Azizi (*Paris, FRANCE*), TBD

ROOM **B**

PROGNOSTIC SIGNIFICANCE OF REVERSE DIPPING PATTERN IN HYPERTENSION: A META-ANALYSIS

E. Gherbesi¹, C. Cuspidi¹, C. Sala¹, M. Tadic², G. Grassi¹, G. Mancia¹
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NOX4 DEFICIENCY LEADS TO HYPERTENSION AND VASCULAR-RENAL FIBROSIS WITH ENHANCED EFFECTS IN ANG II-DEPENDENT HYPERTENSION

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DETERMINING THE ROLE OF FIBRE, THROUGH CHANGES IN THE GUT MICROBIOTA, IN BLOOD PRESSURE REGULATION

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NORMALIZATION OF SYMPATHETIC NERVE TRAFFIC IN THE LONG TERM FOLLOW-UP AFTER BAROREFLEX ACTIVATION THERAPY IN HEART FAILURE PATIENTS: FINAL STUDY REPORT

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ROOM **C**

THE ESH SUMMER SCHOOL EXPERIENCE : A DESCRIPTIVE ANALYSIS

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ALCOHOL INTAKE MORE THAN DOUBLES THE RISK OF EARLY CARDIOVASCULAR EVENTS IN YOUNG HYPERTENSIVE SMOKERS

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HIGHER PLASMA TOTAL CALCIUM CONCENTRATION IS ASSOCIATED WITH HIGHER BLOOD PRESSURE IN NORMOTENSIVE OR NEVER-TREATED HYPERTENSIVE SUBJECTS

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URIC ACID AND HYPERTENSION. ROLE OF RENIN ANGIOTENSIN AND SYMPATHETIC NERVOUS SYSTEMS ACTIVITY

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