

# PRELIMINARY PROGRAM

Thursday, June 27<sup>th</sup>

07:00 Registration

08:00 **Introduction of ML CTO course**  
*Co-directors*

## SESSION 1 CTO PCI BASICS

08:10 Patient selection: who are the best candidates for CTO PCI?

08:25 How to assess the difficulty level of a CTO?

08:35 Angiographic follow-up of ML CTO 2018 patients

08:45 Angiographic roadmap for CTO PCI

09:00 **From San Giovanni Bosco hospital (Turin, Italy)**  
**LIVE CASE #1**  
INDUSTRY UNRESTRICTED SPONSORING

09:45 Guidewires and microcatheters: what you need to know

10:00 CTO PCI: 1 or 2 operators?

10:15 Vascular access in CTO PCI: why bother?



10:30 How to start your CTO PCI program?

10:45 Best practice in CTO PCI: a global consensus

11:30 **Coffee break**

## SESSION 2 ANTEGRADE WIRING

11:30 **From Tzanck Institute**  
**LIVE PROCTORING CASE #2**  
INDUSTRY UNRESTRICTED SPONSORING

   
**CLINICAL CASES SESSION**  
Focus on AWE  
- It happened to me!  
- I failed...

12:15 A guide to guidewires

12:30 Basic principles for wire manipulation



12:45 Tools and techniques to improve success antegrade

13:15 Overcoming a successful antegrade crossing

13:15 **Lunch on Hyatt Terrace**

## SESSION 3 RETROGRADE STEP-BY-STEP

14:15 **From San Giovanni Bosco hospital (Turin, Italy)**  
**LIVE CASE #3**  
INDUSTRY UNRESTRICTED SPONSORING

   
**CLINICAL CASES SESSION**  
Focus on retrograde  
- It happened to me!  
- I failed...

15:30 **Step 1** - Collateral selection and crossing

15:45 **Step 2** - CTO crossing from the retrograde approach



16:00 **Step 3** - I've crossed the CTO retrograde, what's next?

16:15 Can you make retrograde approach easier?

16:30 **Coffee break**

## SESSION 4 MORE ON RETROGRADE

17:00 **From Tzanck Institute**  
**LIVE CASE #4**  
INDUSTRY UNRESTRICTED SPONSORING

   
**CLINICAL CASES SESSION**  
Focus on retrograde  
- It happened to me!  
- I failed...

18:00 **INDUSTRY SESSION**

18:15 Adjourn

20:30 **ML CTO dinner**

# PRELIMINARY PROGRAM

Friday, June 28<sup>th</sup>

07:00 Registration

08:00 **PRESENT YOUR CASE**  
Case presentations by participants

08:25 **Introduction of ML CTO course**  
Day 2: objectives  
*Co-directors*

## SESSION 1 BASICS IN ANTEGRADE DISSECTION RE-ENTRY



08:30 **Step 1** - Managing the proximal cap

08:40 **Step 2** - Dissection as a mode of treatment

08:50 **Step 3** - How to perform re-entry in the vessel true lumen?

09:00 AFR: a new option

09:10 **LIVE CASE #5**  
INDUSTRY UNRESTRICTED SPONSORING

   
**CLINICAL CASES SESSION**  
Focus on ADR  
- It happened to me!  
- I failed...

10:45 **Coffee break**

## SESSION 2 CTO PCI GUIDANCE



11:15 The hybrid algorithm to guide CTO PCI

11:30 **CONTROVERSY**  
Do I need IVUS guidance in antegrade approach?

11:45 MDCT to guide CTO PCI

12:00 MDCT case presentation



12:15 **LIVE PROCTORING CASE #6**  
INDUSTRY UNRESTRICTED SPONSORING

   
**CLINICAL CASES SESSION**  
Focus on use of algorithm for CTO  
- It happened to me!  
- I failed...

13:45 **Lunch on Hyatt Terrace**

## SESSION 3 ADVANCED ANTEGRADE TECHNIQUES & ADR

14:45 **LIVE CASE #7**  
INDUSTRY UNRESTRICTED SPONSORING

   
**CLINICAL CASES SESSION**  
Focus on difficult ADR  
- It happened to me!  
- I failed...

16:15 How to handle disaster?

16:35 Take home messages from day 1 and day 2 live cases  
*Co-directors*

16:50 **INDUSTRY SESSION**

17:05 **Coffee break & closing**

**Saturday, June 29<sup>th</sup>**

**08:30 PRESENT YOUR CASE**

Case presentations by participants

**08:50 Introduction of ML CTO course**

Day 3: objectives  
*Co-directors*

**SESSION 1  
ADVANCED STRATEGIES**

**09:00 LIVE CASE #8**

INDUSTRY UNRESTRICTED SPONSORING

**CLINICAL CASES SESSION**

Focus on epicardial  
collateral crossing for CTO  
- It happened to me!  
- I failed...

10:15 Difficult antegrade or retrograde re-entry  
situations: how to manage?

**10:30 Coffee break**

**SESSION 2  
DIFFICULT CASES**

11:00 Specific issues with post CABG CTOs

11:15 Using epicardial collateral channels  
for retrograde CTO PCI

11:30 Supported CTO PCI using percutaneous LVAD

**11:45 LIVE CASE #9**

INDUSTRY UNRESTRICTED SPONSORING

**CLINICAL CASES SESSION**

Focus on post CABG  
- It happened to me!  
- I failed...

**13:15 INDUSTRY SESSION**

13:30 Closing remarks

**13:35 Lunch on Hyatt Terrace  
to conclude ML CTO 2019**

**MEDTECH EUROPE:  
NEW CODE OF ETHICAL BUSINESS PRACTICE**

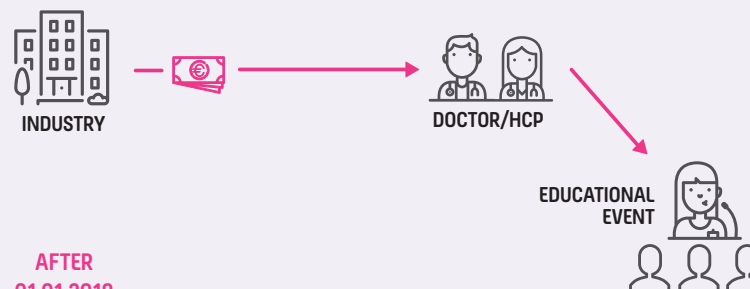
With the new Code of Ethical Business practice, direct industry sponsorship will no longer be supported for all Companies members of MedTech Europe. As MedTech Europe announced, "Grants can only be provided to PCOs but never to individuals". PCOs (for Professional Conference Organizer) are "third-parties of trust", and they will receive financial support from industries to provide educational grants to practitioners. Com&Co Events is a PCO operating on behalf of Multi-Level CTO Course and as a third-party of trust, will manage your participation to this event providing the means to sustain the Multi-Level CTO Course vision of enhancing HCPs (HealthCare Professionals) clinical skills for the benefit of the patient.

**REGISTRATION PROCEDURE**

- Go through the registration page ([www.mlcto.com](http://www.mlcto.com)) **before May 3<sup>rd</sup>, 2019**.
- Select the Participant registration and choose your country.
- Buy your package or request grant support by the organization.
- Fill in the form and follow the procedure to submit your registration.

If you are eligible to benefit from the Grants, the general organization will contact you by mail following your submission.

**BEFORE  
31.12.2017**



**AFTER  
01.01.2018**



HCP: HealthCare Professional. PCO: Professional Congress Organizers.

PRE-REGISTRATIONS OPENED: [bit.ly/MLCTO2019](http://bit.ly/MLCTO2019)

To register please visit: [www.mlcto.com](http://www.mlcto.com)

If you have any questions concerning the procedure,  
please contact the general organization: [registration@mlcto.com](mailto:registration@mlcto.com)