



8TH EDITION

MLCTO

SHARING KNOWLEDGE

**MULTI LEVEL CTO
ANNUAL COURSE**

**JUNE 29TH - 30TH
& JULY 1ST 2023**

**PALAIS DE LA MÉDITERRANÉE
NICE, FRANCE**

PRELIMINARY SCIENTIFIC PROGRAM

ACADEMY.MLCTO.COM

CO-DIRECTORS

Alexandre AVRAN
Kambis MASHAYEKHI
Stéphane RINFRET

8:15 > 10:30

THURSDAY, JUNE 29TH

BASIC LEVEL

08:15 **ML CTO 2023 INTRODUCTION**, Co-directors: Alexandre Avran - Kambis Mashayehki & Stéphane Rinfret

08:15
10:30

SESSION 1 THE FUNDAMENTALS

- Patient selection: who are the best candidates for CTO PCI?
- How to assess the difficulty level of a CTO?
- Angiographic roadmap for CTO PCI
- Must have in your toolbox !
- Global safety consensus in CTO PCI



LIVE CASE #1

from Polyclinique Saint-Georges - Nice, France

Operators: Gregor Leibundgut & Ahmed El Guindy

3 mn Focus on product by Industry

Different models in CTO PCI training, my experience:

- The proctored way
- The fellowship way

Overview of educational sources

10:30 **Coffee break & Exhibition visit**

11:00 > 13:00

THURSDAY, JUNE 29TH

BASIC LEVEL

11:00
13:00

SESSION 2 ANTEGRADE WIRING MATTERS



LIVE CASE #2

from Centre Cardio-Thoracique de Monaco

Operators: Daniel Weilenmann & Georgios Sianos

3 mn Focus on product by Industry

- Antegrade wiring : when it works, when it doesn't



LIVE CASE #3

from Polyclinique Saint-Georges - Nice, France

Operators: Pierfrancesco Agostoni & Anja Osken

3 mn Focus on product by Industry

13:00 **Lunch & Exhibition visit**

13:40 > 16:00

THURSDAY, JUNE 29TH

BASIC LEVEL

13:40
16:00

SESSION 3 FUNDAMENTALS OF RETROGRADE



LIVE CASE #4

from Institut Cardiovasculaire - Grenoble, France

Operators: Benjamin Faurie & Edward Koifman

3 mn Focus on product by Industry

- An overview of retrograde pathways
- How to prevent retrograde complications?
- Retrograde case-in-box

16:00 Coffee break & Exhibition visit

16:30 > 18:30

THURSDAY, JUNE 29TH

BASIC LEVEL

16:30
18:30

SESSION 4 **SHOW ME MORE CASES!**



LIVE CASE #5

from Polyclinique Saint-Georges - Nice, France

Operators: Thomas Hovasse & Stéphane Rinfret

3 mn Focus on product by Industry

- Cases-in-box

18:30 **End of the day**

08:00 > 10:30 **FRIDAY, JUNE 30TH**

INTERMEDIATE LEVEL

08:00
10:30

SESSION 5 **CONTROVERSIES & CTO PCI - EPISODE 1**



LIVE CASE #6

from Polyclinique Saint-Georges - Nice, France

Operators: Roberto Garbo & Khaldoon Alaswad

3 mn Focus on product by Industry



LIVE CASE #7

from Centre Cardio-Thoracique de Monaco

Operators: Alexandre Avran & Arun Kalyanasundaram

3 mn Focus on product by Industry

- Is IVUS required for optimal CTO PCI? Pros & cons

10:30 **Coffee break & Exhibition visit**

11:00 > 13:15 **FRIDAY, JUNE 30TH**

INTERMEDIATE LEVEL

11:00
13:15

SESSION 6 CONTROVERSIES & CTO PCI - EPISODE 2



LIVE CASE #8

from Polyclinique Saint-Georges - Nice, France

Operators: Bill Lombardi & Masahisa Yamane

3 mn Focus on product by Industry

- Does intraplaque wiring matters to optimize the outcomes? Pros & Cons
- Should we still use epicardial collaterals for retrograde? Pros & Cons
- How to keep on a running CTO program in Ukraine?

Proctor's testimonies, My personal experience:

- The fellowship Director: my experience
- Critical appraisal of learning the pathways

13:15 **Lunch & Exhibition visit**

14:15 > 16:10 **FRIDAY, JUNE 30TH**

INTERMEDIATE LEVEL

14:15
16:10

SESSION 7 **COMPLICATIONS: LESSONS LEARNED**

Retrograde nightmares & bailouts



LIVE CASE #9

from Centre Cardio-Thoracique de Monaco

Operators: James Spratt & Emmanouil Brilakis

3 mn Focus on product by Industry

The cases that taught us everything

- Perforation, Hemodynamic collapse, Gear & untrapment, Coronary dissection, hematoma

16:10 **Coffee break & Exhibition visit**

16:40 > 18:30 **FRIDAY, JUNE 30TH**

INTERMEDIATE LEVEL

16:40
18:30

SESSION 8 **COMPLICATIONS: LESSONS LEARNED**

Antegrade and ADR nightmares & bailouts



LIVE CASE #10

from Emory Heart and Vascular Center- Atlanta, USA

3 mn Focus on product by Industry



LIVE CASE #11

from Emory Heart and Vascular Center- Atlanta, USA

3 mn Focus on product by Industry

The cases that taught us everything

- Perforation, Hemodynamic collapse, Gear & untrapment, Coronary dissection, hematoma

18:30 **End of the day**

8:30 > 10:40

SATURDAY, JULY 1ST

ADVANCED LEVEL

08:30
10:40

SESSION 9 LET'S MAKE HISTORY TOGETHER !



LIVE CASE #12

from Institut Cardiovasculaire - Grenoble, France

3 mn Focus on product by Industry

- STAFF meeting : Planning jointly an upcoming procedure
- History of CTO in Europe: How did it start?
- Hemodynamic support & CTO PCI

10:40 Coffee break & Exhibition visit

11:00 > 13:15

SATURDAY, JULY 1ST

ADVANCED LEVEL

11:10
13:15

SESSION 10 YOU MAKE THE PROGRAM !



LIVE CASE #13

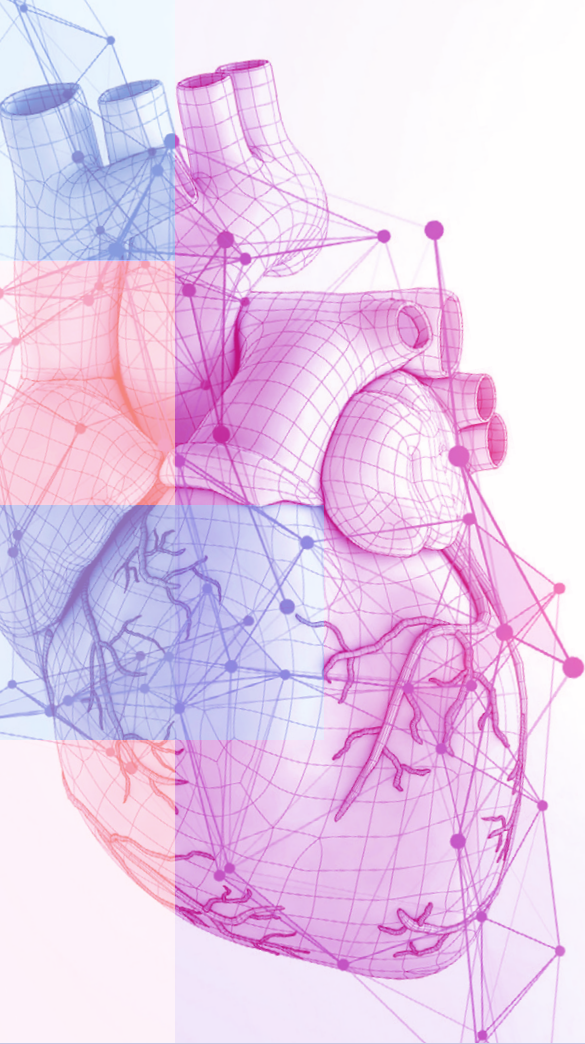
from Centre Cardio-Thoracique de Monaco

Operators: Mohamed Ayoub & Kambis Mashayekhi

3 mn Focus on product by Industry

- Clinical cases by participants: discussion with a panel of experts
- Best clinical case award

13:15 **ML CTO 2023 Lunch closing**



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