



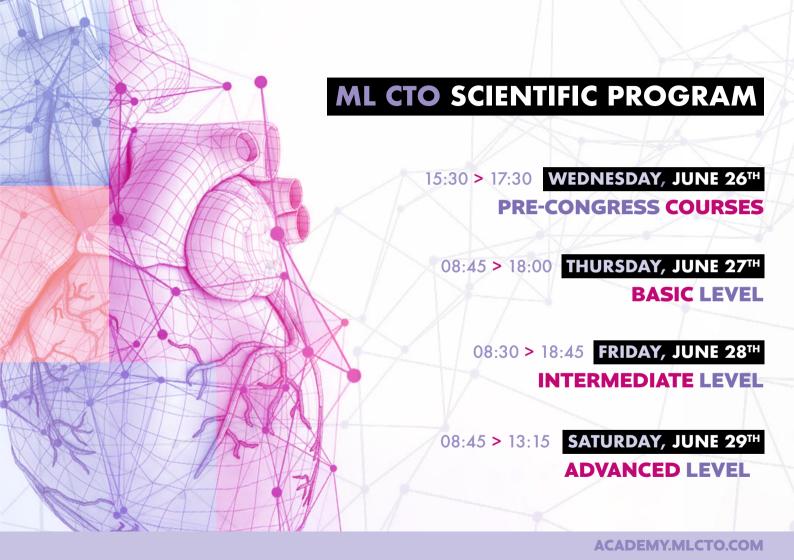
# MULTI LEVEL CTO ANNUAL COURSE

27<sup>TH</sup>-29<sup>TH</sup> **JUNE 2024** 

PALAIS DE LA MÉDITERRANÉE NICE, FRANCE

#### **CO-DIRECTORS**

Alexandre AVRAN, MD Kambis MASHAYEKHI, MD Stéphane RINFRET, MD



## **PRE-CONGRESS COURSES**

#### 15:30 17:30

# PRE-CONGRESS COURSE 1 BRIDGING THE GAP: SHARING EXPERTISE IN COMPLEX PCI CASES

- Introduction Alexandre Avran
- Role of Microcatheter: when and how? Ahmed Hailan
- In-stent CTO with distal bifurcation Alfonso Jurado
- The antegrade & retrograde approach: my best tip & tricks Sevket Gorgulu
- How to deal with complex lesions in CTO PCI Ehsan Bahramali
- How to deal with ischemia or pressure dampening in complex PCI? Cheaito Radi

**Expert discussion** 



### 15:30 16:30

# PRE-CONGRESS COURSE 2 ENHANCE YOUR CTO-PCI TOOLBOX: MEET FINECROSS M3

- Finecross M3 design and indications Andrea Gagnor
- Where does it fit in our algorithm? Gregor Leibundgut
- First clinical cases and impressions Kambis Mashayekhi



# 15:30 > 17:30 WEDNESDAY, JUNE 26<sup>TH</sup> PRE-CONGRESS COURSES

15:30 17:30

# PRE-CONGRESS COURSE 3 GET COMFORTABLE WITH IVUS: FROM BASICS TO CTO APPLICATION

Speakers: Stéphane Rinfret & Stéphane Carlier

- Why IVUS?
- Basics of IVUS HD interpretation
- 2 CTO cases, from simple to complex

in partnership with Scientific Advancing science for life

15:30 17:30

# PRE-CONGRESS COURSE 4 INTRAVASCULAR IMAGING IN COMPLEX PCI AND CTO CASES WITH OCT

Speakers: Evan Shlofmitz, Richard Shlofmitz & Allen Jeremias

- Introduction to intravascular imaging and OCT
- Morphology assessment with OCT including case discussion and hands-on stations
- Complex CTO PCI case performed with OCT case discussion

in partnership with



17:30 End of the day

08:45 ML CTO 2024 INTRODUCTION, «CTO PCI, a science or an art?»

# 08:45 SESSION 1 BASIC CTO PCI MANEUVERS YOU NEED TO MASTER

Chair: Carlo Di Mario | Co-Chairs: Omer Goktekin & Mihajlo Kovačić

- Large CTO PCI registries vs. clinical trials: Apples and oranges? Emmanouil Brilakis
- Guide catheters and access sites: my approach Claudia Cosgrove
- The art of handling wires and microcatheter for AWE Goran Olivecrona
- Guide extensions: essential in many ways Ali El Sayed
- Parallel wiring is not dead Jaikirshan Khatri
- The art of using dual lumen catheters Nicolas Boudou
- ML CTO ACADEMY registries Chadi Ghafari
- CTO Toolbox 3.0 Mihajlo Kovačić

10:15 Coffee break & Exhibition visit

10:45 12:30

# **SESSION 2** BASIC COMPLICATION MANAGEMENT SKILLS YOU ASKED US TO SHOW YOU

Chair: Thomas Hovasse | Co-Chairs: Scott Harding & Yasser Sadek

Provoker: Elliot Smith



## LIVE CASE #1: LONG CALCIFIED RCA CTO WITH BIFURCATION

From Polyclinique Saint-George, Nice

Operators: Claudiu Ungureanu & Allison Hall

IVUS Commentator: Stéphane Carlier



- 3 min product review
- The art of managing entrapped material Roberto Garbo
- The art of managing a tamponnade Benjamin Faurie

Lunch break & Exhibition visit 12:30

13:30 15:30

# **SESSION 3** SOLUTIONS TO COMMON ANTEGRADE PROBLEMS

Chair: Antonio Serra | Co-Chairs: Tarek Rashid & Sergey Furkalo

Provoker: Amr El Hadidy



# LIVE CASE #2: CX CTO WITH SMALL IPSILATERAL COLLATERAL BRANCH

From Centre Cardio-Thoracique de Monaco

Operators: Anja Øksnes & Alexandre Avran

IVUS Commentator: 7iad Ali



- 3 min product review
- My wire crossed but the microcathter can't Mohamed Ayoub
- The proximal cap is ambiguous Chris Zambakides
- Calcium Modification Techniques for CTO Management Roberto Diletti
- Multivessel disease with CTO: how to approach? Thomas Hovasse







Coffee break & Exhibition visit 15:30

# 16:00 > 18:00 THURSDAY, JUNE 27<sup>TH</sup>

## **BASIC LEVEL**

16:00 18.00

# **SESSION 4** CAN WE DO BETTER AND SAFER?

Chair: Masahisa Yamane | Co-Chairs: Edward Koifman & Robert F. Riley

Provoker: Khaldoon Alaswad



# LIVE CASE #3: VERY LONG OSTIAL RCA CTO WITH SEPTAL COLLATERAL CHANNEL

From Polyclinique Saint-George, Nice

Operators: Ignacio Amat-Santos & Kate Kearney

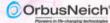
IVUS Commentator: Stéphane Carlier



- 3 min product review
- Avoiding full metal jacket in CTOs: role for DCB? Andrew Ladwiniec



New balloon technology for plaque modification in CTO PCI - Mohamed Ayoub OrbusNeich



 Practical Applications of the SCAI Calcified Coronary Lesion Algorithm in Treating CTOs Robert F. Riley SHOCKWAVE

18:00

End of the day

#### 08:30 10:40

# SESSION 5 MORE ADVANCED CTO PCI MANEUVERS YOU NEED TO MASTER

Chair: Emmanouil Brilakis | Co-Chairs: Rustem Dautov & Khalid Tammam

Provoker: Roberto Garbo



# LIVE CASE #4: LAD CTO DIFFUSE DISEASE WITH SMALL SEPTAL COLLATERAL CHANNEL

From Polyclinique Saint-George, Nice

Operators: Kambis Mashayekhi & Paul Hsien-Li Kao

IVUS Commentator: Stéphane Carlier



- 3 min product review
- The art of handling wires and microcatheters (an Asian Perspective) Masahisa Yamane
- Deconstructing Wire Skills (a Western perspective) Elliot Smith
- The art of knuckling guidewires Stéphane Rinfret
- Preventing complications: the essential mindset Gregor Leibundgut

10:40 Coffee break & Exhibition visit

## **INTERMEDIATE LEVEL**

#### 11:15 13:15

# SESSION 6 SOLUTIONS TO COMMON ANTEGRADE & RETROGRADE PROBLEMS

Chair: Ahmed El Guindy | Co-Chairs: Mauro Carlino & Kate Kearney

Provoker: Stefan Harb



### LIVE CASE #5: LAD CTO WITH IPSILATERAL SEPTAL COLLATERAL CHANNEL

From Centre Cardio-Thoracique de Monaco

Operators: Stéphane Rinfret & Alexander Nap

IVUS Commentator: Evan Shlofmitz



- 3 min product review
- The art of connecting retrograde in my Western world Maximilian Opolski
- The art of connecting retrograde in my Asian world Paul Hsien-Li Kao
- The art of connecting antegrade from the SI space Khaldoon Alaswad
- Putting it all together: a global algorithm for the world of CTO PCI Scott Harding

13:15 Lunch break & Exhibition visit

# **INTERMEDIATE LEVEL**

14:15 16:20

# **SESSION 7** IN-DEPTH PRACTICAL LEARNING

Chair: Mohaned Egred | Co-Chairs: Maximilian Opolski & Andrew Ladwiniec

Provoker: Jaikirshan Khatri



## LIVE CASE #6: LONG RCA CTO WITH UNIQUE SEPTAL COLLATERAL CHANNEL

From Polyclinique Saint-George, Nice

Operators: Laurent Drogoul & Khalid Tammam

IVUS Commentator: Stéphane Carlier



- 3 min product review
- Lessons from Bill Lombardi's Podcast «The Journey to get better» William B. Lombardi



## LIVE CASE #7: IT'S NOT A RECENT DISTAL RCA OCCLUSION! SO TRY AGAIN

From Centre Cardio-Thoracique de Monaco

Operators: Andrea Gagnor & Elliot Smith

**IVUS Commentator**: Allen Jeremias



CTO PCI is a difficult sport- How to prevent injuries - Jean-Pierre Macabee

16:20 Coffee break & Exhibition visit

## **INTERMEDIATE LEVEL**

16:45 18:45

# **SESSION 8 ALWAYS MORE CASES**

Chair: Paul Hsien-Li Kao | Co-Chairs: Allison Hall & Baktash Bayani

Provoker: Khaldoon Alaswad



## LIVE CASE #8: POST CABG RCA. REVERSE CART VS STAR

From UW Medical Center, Heart Institute -Montlake, Seattle

Operators: William B. Lombardi & David Elison





- Reducing radiation exposure to the operator and the team Stylianos Pyxaras
- CALCIVLFURCATION how IVL helps in calcified bifurcation lesions Gregor Leibundgut SHOCKWAVE
- CTO PCI in reduced LV function with Impella Support Mohamed Ayoub SABIOMED
- Tip-in or not tip-in, that's the question! Ignacio Amat-Santos iVascular
- ... SURPRISE !!! ML CTO Board

18:45 End of the day

#### 08:45 10:15

# **SESSION 9 ADVANCED COMPLICATION MANAGEMENT SKILLS**

Chair: Joachim Büttner | Co-Chairs: Goran Olivecrona & Luiz Ybarra

Managing perforations with coils and covered stents, Luiz Ybarra

#### MASTERS ALSO FAIL AND HAVE COMPLICATIONS!

- Why I stopped this procedure Alexander Nap
- Why I failed this procedure Roberto Diletti
- Why I didn't go retrograde Pierfrancesco Agostoni
- We could not save this patient, sadly Emmanouil Brilakis
- I learned so much from this rare one Arun Kalyanasundaram
- This complication is more common be prepared! Carlo Di Mario

10:15 Coffee break & Exhibition visit

### ADVANCED LEVEL

10:45

# **SESSION 10 CLINICAL CASES BY ML CTO ACADEMY MEMBERS**

Chair: Georges Sianos | Co-Chairs: Muzzafer Degertekin & Stéphane Carlier

Provoker: Andrea Gagnor



## LIVE CASE #9: VERY LONG BLUNT RCA CTO, SECOND ATTEMPT

From Centre Cardio-Thoracique de Monaco

Operators: Khaldoon Alaswad & Ahmed ElGuindy

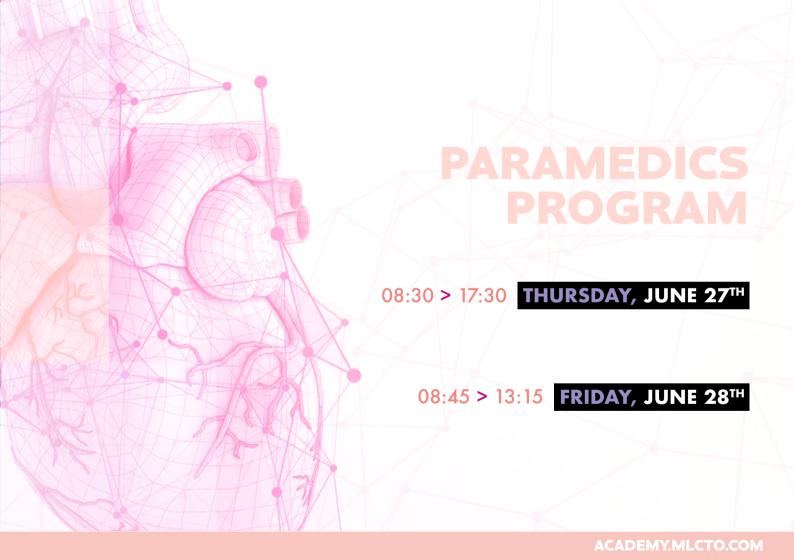
**IVUS Commentator**: Jeffrey Moses



Proximal CTO RCA: Not what I expected - Stéphane Carlier iVascular

#### Selected clinical cases to be presented by participants:

- We'll be breaking boulders...tell me what you see! Konstantin Schwarz
- Managing complications in a micro-uncrossable Reverse-CART case Ahmed Karagöz
- Unusual complication that skipped my eyes Ilya Litovchik
- Bifurcation blunt stump CTO treated with imaging-assisted retrograde techniques Anastasios Barmpas
- Ostial, blunt stump LAD CTO with good collateral channels Michael Koutouzis
- Not all CTO look alike: An unusual case of itrogenic left main occlusion Davide Cao
- Dissection Reentry in Bifurcation stent / a sequel Ioannis Tsiafoutis



08:30 Opening Session, Ricardo Esteves & Hervé Faltot

#### 08:45 **SESSION 1** FROM BASIC TO INTERMEDIATE LEVEL 10.15

Chair: Marie-Jeanne Bertrand

- What are the limits for an antegrade-only approach? Marie-Jeanne Bertrand
- Specific anatomy for retrograde approach Helena Correia
- Live-in-a-box: Focus on specific materials you need (guidewires, microcatheters...) Ricardo Esteves & Hervé Faltot
- Coffee break & Exhibition visit 10:15
- 10:45 **SESSION 2** FROM ANTEGRADE TO RETROGRADE APPROACH 12:30

Chair: Nicolas Lhoest



LIVE CASE #1

From Polyclinique Saint-George, Nice

Operators: Claudiu Ungureanu & Allison Hall

IVUS Commentator: Stéphane Carlier



- Only in retrograde: Adverse events Helena Correia
- 12:30 Lunch break & Exhibition visit

### 13:30 15:15 **SESSION 3 CTO WORLD CUP**



# LIVE CASE #2

From Centre Cardio-Thoracique de

Monaco

Operators: Anja Øksnes & Alexandre Avran

IVUS Commentator: 7iad Ali



- Game#1: Italy vs UK Matteo Longoni vs Valentino Oriolo
- Game#2: France vs Portugal Fanny Villanova vs Helena Correia
- An exotic clinical case Jean-Bernard Pausé

15:15 Coffee break & Exhibition visit

#### 15:45 **SESSION 4 OCT WORKSHOP** Upon registration 17:30

 How to analyse/interprate intracoronary imaging - Ricardo Esteves with the support of

End of the day 17:30



#### 08:45 **SESSION 5** IMAGING MODALITIES 10:45



### LIVE CASE #4

From Polyclinique Saint-George, Nice

Operatots: Kambis Mashayekhi & Paul Hsien-Li Kao

IVUS Commentator: Stéphane Carlier



- IVUS: can we still do CTO PCI without it?
- OCT: how to optimize CTO procedures?
- Test your knowledge interactive quiz Ricardo Esteves.
- Coffee break & Exhibition visit 10.45
- 11:15 **SESSION 6 HANDS-ON SESSION** 13:15
  - Hands-On session with industry:





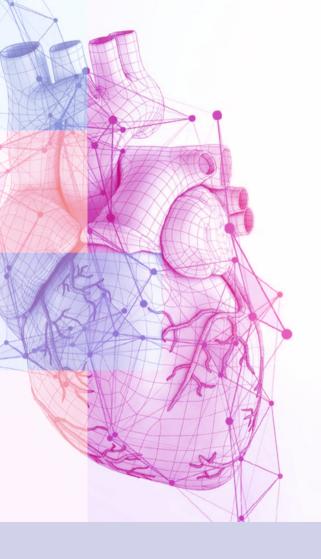








13:15 Paramedics closing





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