

**FINAL
PROGRAM**

MLCTO

MULTI-LEVEL
CTO COURSE

**JUNE 30TH
JULY 1ST & 2ND 2016**
Nice, French Riviera

DIRECTORS

Alexandre AVRAN, MD
Stéphane RINFRET, MD

SCIENTIFIC COORDINATOR

Max AMOR, MD

International lecturers & operators

**Live demonstrations
from Tzanck Institute**

www.mlcto.com

Simultaneous
translation



In collaboration with

incathlab 



MLCTO

WELCOME LETTER

Dear friends,

The recanalization of coronary chronic total occlusion (CTO) has become an important and promising procedure to treat overt or silent myocardial ischemia and improve patient outcomes. It is a growing and constantly evolving discipline, allowing us to improve our daily practice in percutaneous coronary interventions (PCI).

Learning or reviewing the basics, tips & tricks, and mastering CTO techniques is essential to manage complex coronary patients.

More and more interventional cardiologists are eager to learn and develop CTO PCI programs in their CathLabs. We conceived this event to support their initiatives.

Our objective in creating this conference is to bring together all passionate operators in one place: from beginners to experts in a climate of openness and congeniality. Occasional and regular operators will find this conference to be an opportunity to strengthen their skills and continue their progress in learning new strategies tailored to their level.

The multi-level conference will include didactic and practical lectures with associated live cases, related to the topics covered during the session.

The first day will be dedicated to antegrade operators. We will discuss the basic techniques and strategies, leading to more advanced teaching points.

The second day will focus on antegrade dissection re-entry and retrograde strategies.

Finally, the third day will address very complex cases, complications and tips & tricks.

In order to allow as many operators as possible to attend this event, the full conference will be streamed live on www.incathlab.com.

We truly hope this conference will meet all of your expectations. The goal of this Multi-Level CTO course is to provide a complete curriculum adapted to the expertise of a broad interventional cardiology audience.

Alexandre Avran, MD & Stéphane Rinfret, MD

Board

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Marignane, France

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Local organization

ARNAULT TZANCK INSTITUTE
Hemodynamic cardiology Department

www.tzanck.org

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Philippe Durand, MD

Claude Mariottini, MD

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- Max Amor, MD – Nancy, France
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- Risto Jussila, MD – Vasaa, Finland
- Artis Kalnins, MD – Riga, Latvia
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- Jacques Koolen, MD – Eindhoven, The Netherlands
- Thierry Lefèvre, MD – Paris, France
- Fabrice Leroy, MD – Lille, France
- Nicolas Lhoest, MD – Strasbourg, France
- Kambis Mashayekhi, MD – Bad Krozingen, Germany
- Markus Meyer Gessner, MD – Düsseldorf, Germany
- Laurent Quilliet, MD – Tours, France
- Stéphane Rinfret, MD – Montréal, Canada
- Antonio Serra, MD – Barcelona, Spain
- Georges Sianos, MD – Thessaloniki, Greece
- James Spratt, MD – Edinburgh, Scotland
- Satoru Sumitsuji, MD – Suita, Japan
- Khalid O. Tammam, MD – Jeddah, Araby
- Imre Ungi, MD – Szeged, Hungary
- Daniel Weilenmann, MD – St. Gallen, Switzerland
- Gerald S. Werner, MD – Darmstadt, Germany
- Jaroslaw Wójcik, MD – Lublin, Poland

LEARNING POINTS

This congress, translated in English and French, is divided in 3 modules held over 3 days.

Thursday, June, 30th

Module 1: FIRST STEPS IN CTO PCI

DPC

- Starting a CTO program
- Learn & discover CTO tools: microcatheters, guidewires, guiding catheters
- Learn basic CTO techniques: antegrade approach, parallel wire, trapping balloon
- Managing complications of antegrade approach
- Post-procedural management of CTO patients

Friday, July, 1st

Module 2: IMPROVE YOUR SKILLS IN CTO

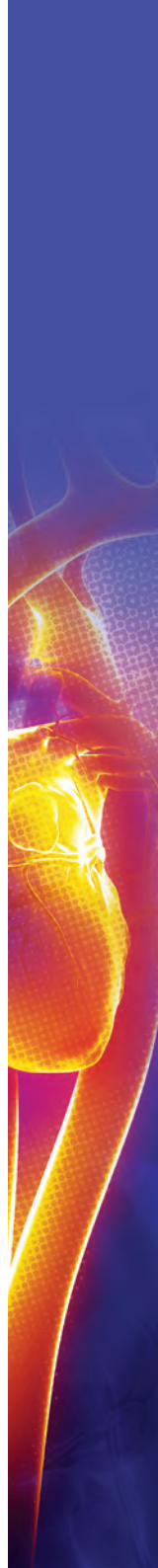
DPC

- Starting a retrograde approach
- Learn about dissection re-entry, snaring technique, externalisation...
- Select approaches according to anatomy and occlusion type
- Learn useful techniques to improve success
- Managing complications of retrograde and dissection re-entry approaches

Saturday, July, 2nd

Module 3: MASTERING CTO

- Management of complex CTO cases: ambiguous cap, uncrossable lesions
- Complementary imaging techniques: IVUS, CT-Scan...
- Use of Laser: complementary recanalization technique
- New techniques and new devices for CTO
- Team-building for CTO
- Complex complications of complex CTOs





Thursday June, 30th

Module 1: FIRST STEPS IN CTO PCI DPC

07:15 Registrations

ANTEGRADE: BASICS, IMPROVEMENTS AND STRATEGY

Chairman: T. Lefèvre - Moderator: A. Avran

Panelists: J. Hill, N. Lhoest & R. Jussila

08:00 Why should we treat CTOs?

Stéphane Rinfret

08:15 CTO angiographic analysis for the antegrade-only operator: scoring systems and algorithms

Benjamin Faurie

08:30 Procedure set up for CTO PCI

Khalid O. Tammam

08:45 Antegrade strategy with sequential wire escalation

Alexander Bufe

09:00 Essential basic maneuvers in CTO PCI: trapping balloon technique, hydraulic pull-back, microcatheter advancement...

Thomas Hovasse

09:15 BVS implantation for CTOs

Antonio Serra

09:30 LIVE CASE N°1

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Operators:

Nicolas Boudou & Erwan Bressollette



PARALLEL SESSION

"Sharing your own tips & tricks"

10:45 Coffee break

Chairman: K. Tammam - Moderator: J. Spratt

Panelists: E. Brilakis, T. Hovasse & J. Koolen

11:15 X-Ray issues and management

Fabrice Leroy

11:30 Double lumen microcatheter: material, indication and technique

Erwan Bressollette

11:45 How to improve guide support?

Nicolas Lhoest

12:00 Choice of guidewires for an antegrade approach

Christopher Buller

12:15 Lunch on rooftop

ANTEGRADE MANAGEMENT AND COMPLICATIONS

Chairman: M. Amor - Moderator: N. Boudou

Panelists: E. Bressollette, R. Jussila & A. Serra

13:30 LIVE CASE N°2

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Operators:

*Benjamin Faurie
& Thierry Lefèvre*

Your dreams. Woven together.

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BIOSENSORS INTERNATIONAL

PARALLEL SESSION

"Sharing your own tips & tricks"

14:45 Management of anticoagulation during CTO PCI

Artis Kalnins

15:00 Perforation: classification and management

Emmanouil Brilakis

15:15 The ping-pong technique for type 3 perforation management

Stéphane Rinfret

15:30 Contrast volume management during CTO PCI

Philippe Durand

15:45 Parallel wire technique: indication and how to do it

Jacques Koolen

16:00 Coffee break

Chairman: S. Rinfret - Moderator: L. Quilliet

Panelists: N. Lhoest, S. Sumitsuji & J. Wójcik

16:30 LIVE CASE N°3

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Operators:

*Alexandre Avran
& Daniel Weilenmann*

BIOTRONIK

accelerate the heart

PARALLEL SESSION

"Sharing your own tips & tricks"

17:45 INDUSTRY SESSION

New devices, new techniques for CTO
Biotronik, Biosensors, Alvimedica, Comed, RenalGuard

18:00 Conclusion



Friday July, 1st

Module 2: IMPROVING SKILLS IN CTO

DPC

07:45 Registrations

ANTEGRADE DISSECTION AND RE-ENTRY BASICS AND STRATEGY

Chairman: A. Bufe - Moderator: B. Faurie

Panelists: N. Boudou, T. Lefèvre & K. Mashayekhi

08:30 The hybrid algorithm: choosing the right approach *Emmanouil Brilakis*

08:45 Dissection re-entry: step-by-step *Stéphane Rinfret*

09:00 Antegrade dissection re-entry, hard situations: how to handle? *Dimitrios Karpaliotis*

09:15 LIVE CASE N°4

Operators:

*Colm Hanratty
& James Spratt*

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Scientific**

PARALLEL SESSION

"Sharing your own tips & tricks"

10:45 Coffee break

RETROGRADE BASICS, IMPROVEMENTS AND STRATEGY

Chairman: D. Weilenmann - Moderator: C. Buller

Panelists: J. Koolen, L. Quilliet & K. Tammam

11:15 Retrograde approach: step-by-step instructions *Alexandre Avran*

11:30 Knuckle wire dissection technique: use and indications *Stéphane Rinfret*

11:45 Reverse CART technique *James Spratt*

12:00 Lunch on rooftop

Chairman: D. Karpaliotis - Moderator: A. Avran

Panelists: A. Kalnins, I. Ungi & J. Wójcik

13:30 LIVE CASE N°5

Operators:

*Satoru Sumisutji
& Khalid O. Tammam*

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PARALLEL SESSION

"Sharing your own tips & tricks"

15:00 Management of septal hematoma *Daniel Weilenmann*

15:15 Live in a box presentation *Omer Goktekin*

15:30 Externalisation and snaring techniques *Satoru Sumisutji*

15:45 Coffee break

Chairman: G. Werner - Moderator: M. Meyer

Panelists: P. Durand, O. Goktekin & J. Koolen

16:15 LIVE CASE N°6

Operators:

*Christopher Buller
& Stéphane Rinfret*

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Contrast for Life

PARALLEL SESSION

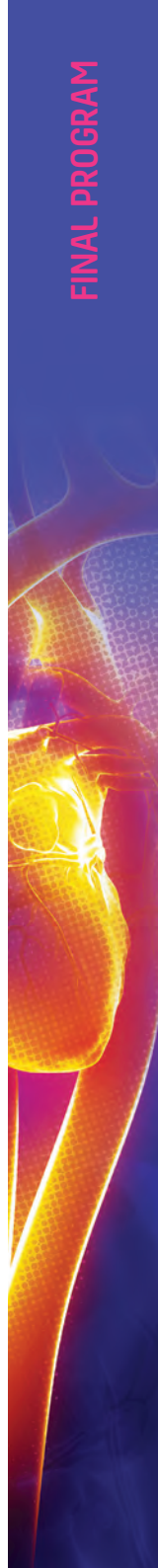
"Sharing your own tips & tricks"

17:45 INDUSTRY SESSION

New devices, new techniques for CTO
*Boston, Terumo, Acrostah,
Vascular Solutions*

18:00 Conclusion

FINAL PROGRAM



Saturday July, 2nd

Module 3: MASTERING CTO

07:30 Registrations

MASTERING ANTEGRADE STRATEGIES

Chairman: A. Galassi - Moderator: S. Rinfret
Panelists: O. Goktekin, A. Kalnins & K. Mashayekhi

08:00 Ambiguous proximal cap without a retrograde option
Emmanouil Brilakis

08:15 When you cannot cross the proximal cap with a microcatheter
Nicolas Boudou

08:30 Revival of parallel wire in time of Gaia
Gerald S. Werner

08:45 Laser in CTO PCI *Thomas Hovasse*

09:00 Principles of contrast modulation techniques *Mauro Carlino*

09:15 LIVE CASE N°7
 (Complex antegrade or retrograde)

Operators:
Alexandre Avran
& Dimitrios Karpaliotis

PARALLEL SESSION
 "Worst nightmares, great saves"

10:45 Coffee break

MASTERING RETROGRADE STRATEGIES

Chairman: C. Buller - Moderator: N. Lhoest
Panelists: M. Carlino, T. Hovasse & A. Serra

11:15 How to deal with ostial CTOs?
Marhus Meyer Gessner

11:30 Challenges with septal connections *Khalid O. Tammam*

11:45 IVUS guidance in CTO PCI
Satoru Sumitsutji

12:00 MSCT for CTO PCI planning: when and how? *Gerald S. Werner*

12:15 Retrograde approach through epicardial collateral channels
Kambis Mashayekhi

12:30 Lunch on rooftop

Chairman: S. Sumitsutji - Moderator: E. Brilakis
Panelists: A. Bufe, D. Karpaliotis & D. Weilenmann

13:30 LIVE CASE N°8
 (Complex antegrade or retrograde)

Operators:
Alfredo Galassi & Stéphane Rinfret

PARALLEL SESSION
 "Worst nightmares, great saves"

15:30 Specific issues with post-CABG CTOs
Risto Jussila

15:45 Ping-pong technique for CTO PCI: retrograde or antegrade
Alexandre Avran

16:00 Coffee break

Chairman: B. Faurie - Moderator: A. Avran
Panelists: M. Carlino, M. Meyer & I. Ungi

16:20 LIVE CASE N°9
 (Complex antegrade or retrograde)

Operators:
Kambis Mashayekhi
& Gerald S. Werner

PARALLEL SESSION
 "Worst nightmares, great saves"

18:30 Conclusion
 Take home messages
 & closing remarks

19:30 ML CTO Dinner
at the Hi Beach Restaurant
 (47, promenade des Anglais, Nice)

Shuttles available from Boscolo Hotel
between 7:30 and 8:00pm



COLLABORATIONS

AFFILIATED TO EURO CTO CLUB



Congrès médical



The Cyprus interventional cardiology working group



Belgian working group on interventional cardiology (BWGCI)



Working group on interventional cardiology of the Egyptian society of cardiology (EWGIC)



Working group on interventional cardiology of the Hellenic cardiological society



Atheroma coronary and interventional cardiology group of the French society of cardiology (GACI)



Working group on interventional cardiology of the Finnish society of cardiology



Working group on interventional cardiology of the Latvian society of cardiology



Working group on interventional cardiology of the Swedish society of cardiology



South Africa society of cardiovascular intervention (SASCI)



Working group on interventional cardiology and ACS of the Swiss society of cardiology



Working group on interventional cardiology of the Tunisian society of cardiology and cardiovascular surgery (GTCI)



Working group on Interventional cardiology of the Irish cardiac society



British Cardiovascular Intervention Society



Société Luxembourgeoise de Cardiologie



Working group on interventional cardiology of the Norwegian society of cardiology



Turkish society of cardiology

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SAVE THE DATE

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INFORMATION

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