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III edition
**TURIN
CTO&CHIP**
LIVE 2024

Congress Venue:
Lingotto Conference Centre
Via Nizza 280, Torino IT

**6.7
MAY
2024**

Course Directors:

Roberto GARBO
Maria Pia Hospital GVM Care&Research - Torino IT

Andrea GAGNOR
Maria Vittoria Hospital - Torino IT

Scientific Secretariat

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Live Centers

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Kantonsspital Basel

Basel CH

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GVM Care & Research, Torino IT

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University Heart Center

Bad Oeynhausen DE

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Omer BEDIR Turkey

Aymen BEN ABDESSALEM Tunisia

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Giuseppe COLLETTI France

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Sherif RIZK Egypt

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Salvador SANDOVAL Mexico

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Aly TOHAMY Egypt

Orazio VIOLA Italy

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Francesco BRUNO Torino
Simone BUDASSI Roma
Paolo CANOVA Bergamo
Marco CARUSO Palermo
Tania CHECHI Firenze
Alberto CHISARI Caltanissetta
Salvatore COLANGELO Torino
Gaetano CONTEGIACOMO Bari
Bernardo CORTESE Milano
Guido D'AGOSTA Ragusa
Mauro DE BENEDICTIS Torino
Carlo DI MARIO Firenze
Christian DI RUSSO Roma
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Orazio VIOLA Biella

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		MAIN ARENA SALA 500	TERUMO LOUNGE
07.45 08.15	Registration Welcome	Unrestricted grant by	
08.30 - 10.00	Chairman: A. Avran Co-Chairman: P. Knaapen Discussants: K. Alaswad, P. Canova, A. El Etriby, D. Forlani, B. Iqbal, S. Rathore Room Coordinator: A. Gagnor		
LIVE SESSION 1:	from Bad Oeynhausen DE/ University Heart Center M. Ayoub		
	from Turin IT/Maria Pia Hospital S. Rinfret/M. Egred IVUS commentator: S. Carlier		
10.00 - 10.45	Focus on: Complex PCI Chairman: M. Valgimigli Co-Chairman: B. Cortese Discussants: G. Leibundgut, F. Liistro, A. Serra Penaranda, Y. Sadek, H. Sliman, A.T. Giachet Complex Bifurcation treatment in 2024: State of the art - S. Biscaglia Functional assessment in CHIP: Ready for prime time? - T. Schäufele Full DCB treatment in complex PCI: Dream or reality? - B. Cortese Angio derived FFR: A new concept for virtual functional assessment - J.F. Iglesias		10.00 - 11.00 CTO Case Presentation Chairmen: P. Agostoni, P. Mazzarotto Discussants: S. Gallagher, E. Meliga, S. Rizk, F. Sanna Case 1 Complex huge risk indicated PCI - A. Ben Abdessalem Case 2 When wire crossing is just the beginning: A complex case of CHIP patient with RCA CTO - U. Barbero Case 3 Retrograde approach: Use of different techniques to achieve success - P.P. Cardoso Case 4 My best CTO case of the year: Facing double CTO vessel - A. Monastyrski Case 5 Retrograde? Mind the tenting! C. Cavallino
10.45 - 11.15	Coffee Break		
11.15 - 12.45	Chairman: K. Mashayekhi Co-Chairman: E. Brilakis Discussants: A. Øksnes, S. Bansal, A. El Hadidy, G. Olivecrona, M. Opolski, M. Valgimigli Room Coordinator: R. Garbo		
LIVE SESSION 2:	from Turin IT/Maria Vittoria Hospital A. El Guindy/A. Avran		
	from Sharjah UAE/ Al Qassimi Hospital G. Sianos /A. Al Nooryani		
12.45 - 13.30	Focus on: Antegrade CTO Chairman: A. Øksnes Co-Chairman: G. Leibundgut Discussants: P. Agostoni, S. Budassi, G. Olivecrona, S. Pyxaras, D. Regazzoli, J. Sanz-Sanchez When and how to start antegrade and how to solve proximal cap ambiguity - S. Rinfret Guidewires selection from antegrade: What's new? - M. Yamane What options if the first wire goes subintimal - E. Smith Uncrossable CTO: The wire goes but nothing follows - M. Egred		12.45 - 13.30 CTO Case Presentation Chairmen: L. Grancini, G. Sardella Discussants: M. Ariotti, A. El Hadidy, A. Truffa Giachet, O. Viola Case 1 STAR 2.0: An «old fashion-new» technique - M. Caruso Case 2 Taking all the possible ways - A. El Sawah Case 3 No sweet with-out sweat - W.W. Etman Case 4 Meet me at the bifurcation at 5 o'clock - R. Giunta

<p>13.30 - 14.15</p>	<p>LUNCH SYMPOSIUM IMAGING Chairman: A. Gagnor Co-Chairman: S. Carlier Facilitator: P. Canova, A. Shabbir</p> <p>Presenters: IVUS in CTO - M. Ariotti, R. Garbo IVUS in calcified lesions - G.L. Gasparini, D. Regazzoli IMAGING in stent failure - S. Gallagher, E. Smith</p>	<p>Unrestricted grant by</p> <p>PHILIPS</p> <p>Boston Scientific Advancing science for life™</p> <p>Abbott</p>	<p>13.30 - 14.15 CHIP Case Presentation Chairmen: O. Goktekin, M. Opolski Discussants: D. Fischetti, T. Montaldo, A. Nicolino, R. Stio</p> <p>Case 1 Complex PCI and hemodynamic support, when the link is needed - D. Sala Case 2 A case of Rota-Pella for the management of severe calcified LM bifurcation lesion - G. Martino Case 3 Simple is not always possible! - A. Tohamy Case 4 Good things come to those who wait - O. Viola</p>
<p>14.15 - 16.30</p> <p>Discussants:</p> <p>LIVE SESSION 3:</p>	<p>Chairman: K. Alaswad Room Coordinator: G. Sardella Co-Chairman: O. Goktekin R. Diletti, G.L. Gasparini, G. Leibundgut, M. Mancone, D. Rutigliano, A. Serra Penaranda</p> <p>from Turin IT/Maria Pia Hospital K. Mashayekhi/E. Brilakis IVUS commentator: S. Carlier</p> <p>from Turin IT/Maria Vittoria Hospital P. Knaapen/A. Nap</p> <p>from Cali CO/ Angiografia de Occidente F. Hanna Quesada A. Dager/C. Uribe/A. Marin</p>	<p>Medtronic Teleflex B. BRAUN Engineering the extraordinary SHARING EXPERTISE</p> <p>Medtronic KARDIA Boston Scientific Engineering the extraordinary ASAHI ASAHI INTECC Group Advancing science for life™</p> <p>iVascular</p>	
<p>16.30 - 17.30</p> <p>Discussants:</p>	<p>Focus on: Retrograde CTO Chairman: M. Yamane Co-Chairman: S. Rinfret P. Agostoni, I. Amat Santos, L. Bryniarski, R. Diletti, G. L. Gasparini, C. Tumscitz</p> <p>When the microcatheter fails to cross the collateral and/or the CTO body - A. El Guindy Reverse CART tips and tricks - K. Alaswad Ostial RCA CTO: Navigating the conundrum - A. Avran Only the brave: Complex epicardial collaterals - K. Mashayekhi</p>		
<p>17.30 - 18.45</p>	<p>Educational Sessions & drinks Program moves to Terumo Lounge and Educational Sessions: Mezzanine Floor: Sala Vienna, Sala Praga, Sala Varsavia, Sala Parigi</p>		<p>Hands on/Educational sessions & drinks Program moves to Terumo Lounge and Educational Sessions: Mezzanine Floor: Sala Vienna, Sala Praga, Sala Varsavia, Sala Parigi</p>
<p>20.00</p>	<p>Faculty Dinner</p>		

17.30 - 18.45 Educational sessions & drinks

	TERUMO LOUNGE Foyer Sala 500	SALA PARIGI Mezzanine floor	SALA VIENNA Mezzanine floor	SALA PRAGA Mezzanine floor	SALA VARSAVIA Mezzanine floor
					
17.30 - 18.45	Preparing tomorrow live	IVUS in Modern PCI: Imaging interpretation practical course	GAIA Next: Future of CTO	Advantages of laser atherectomy in CTO and complex PCI: Learning from experts	The importance of TrapLiner in CTO PCI
	Expert: Andrea Gagnor	Expert: Gabriele L. Gasparini	Gaia Next design overview Hussein Sliman When and how to use Gaia Next Masahisa Yamane My experience with Gaia Next Jacopo A. Oreglia Hands-on simulation Hussein Sliman	Chairman: Mohaned Egred Speakers: Marouane Ould Simone Budassi Daniele Forlani	The Importance of TrapLiner in CTO Procedures Roberto Garbo Manfredi Arioti Engeneering Behind TrapLiner Joshua Branizer Hand on Session on TrapLiner

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08.15 - 09.30
CTO&CHIP Complication session
Chairman: **A. El Guindy**
Co-Chairman: **K. Mashayekhi**
Discussants: **A. Chisari, G. D'Agosta, L. Grancini, V. Lio, G. Sobieszek, D. Tedeschi**
Two best complication cases:
Case 1: Unusual Bail-Out: Unexpected troubles in calcified LM intervention - **F. Ciotola**
Case 2: Always be prepared for complications:
A case of "unorthodox" pericardiocentesis - **B. Iqbal**
Failure is not a complication: When is the time to invest? - **A. Øksnes**
Non technical skills in complications management - **E. Brilakis**
Only the brave: Complex epicardial collaterals - **K. Mashayekhi**

09.30 - 11.00
Chairman: **P. Knaapen** Room Coordinator: **G. Sardella**
Co-Chairman: **E. Smith**
Discussants: **A. Ben Abdessalem, D. Benedetto, M. Degertekin, R. Giunta, I. Lytovchik, K. Mashayekhi**

LIVE SESSION 4:
from Turin IT/Maria Vittoria Hospital **A. Gagnor/I. Amat Santos**
from Turin IT/Maria Pia Hospital **K. Alaswad/O. Goktekin**



11.00 - 11.30
Coffee Break

11.30 - 12.30
Focus on: Severe calcified lesions
Chairman: **F. Saia**
Co-Chairman: **G. Sardella**
Discussants: **M. Ayoub, R. Diletti, M. Egred, G.L. Gasparini, B. Iqbal, T. Rashid**
Rotational atherectomy: Old but gold - **F. Ribichini**
Orbital atherectomy: Finally the solution! - **J.A. Oreglia**
Intravascular lithotripsy: A game-changer - **C. Di Mario**
Management algorithm for calcific CTOs - **S. Pyxaras**

11.30 - 12.30 **Complication Case Presentation**
Chairmen: **P. Mazzarotto, P. Knaapen**
Discussants: **U. Barbero, L. Bettari, M. Caruso, G. Contegiacomo, A. Shabbir**
Case 1 Great cardiac vein injury after circumflex artery intervention - **E. Abdelrahman**
Case 2 A series of complications - **O. Bedir**
Case 3 Nightmare case - **G. Duronio**
Case 4 Complex CHIP&CTO case with three complications in one - **F.N. Hamidani**
Case 5 CTO & TAVI: Double complication for a perfect storm - **D. Rutigliano**

12.30 - 14.00
Chairman: **A. Nap** Room Coordinator: **M. De Benedictis**
Co-Chairman: **C. Di Mario**
Discussants: **I. Amat Santos, M. Ayoub, E. Brilakis, P.P. Cardoso, M. Kovacic, S. Rathore**

LIVE SESSION 5:
from Basel CH/ Kantonsspital Basel **G. Leibundgut/M. Bayoumi-Ali**



from Turin IT/Maria Vittoria Hospital **M. Yamane/E. Smith**



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14.00 - 15.00 CTO Case Presentation
Chairmen: **G. Sardella, C. Tumscitz**
Discussants: **C. Di Russo, R. Parisi, M. Pennone, A. Truffa Giachet**

- Case 1** CTO in previous undersized stent in post CABG patient - **M. Boukhris**
- Case 2** Antegrade ReCross IVUS guided re-entry - **G. Colletti**
- Case 3** Transforming a failure into a success:
A case of IVUS based star 2.0 for LAD recanalization - **A. Pierri**
- Case 4** CTO LAD cutting - **G. Sobieszek**

14.00 - 15.00

LUNCH SYMPOSIUM CIRCULATORY SUPPORT

Chairmen: **K. Alaswad, G. Olivecrona**

Discussants:

G. Boccuzzi, M. De Benedictis, D. Fischetti, B. Iqbal, P. Knaapen, A. Nap

Which patient for LV support in protected PCI - **J.A. Oreglia**

Flow chart from pre procedure screening to step by step implantation - **M. Iannaccone**

ECMO as support: Where do we stand? - **Y. Sadek**

How to deal with hostile femoral access: Go on or change? - **M. Ayoub**

Mechanical support in CHIP: What does the literature say, what is in the pipeline? - **A. Nap**

15.00 - 16.30

NEXT GEN LIVE SESSION

Room Coordinator: **A. Gagnor**

Chairman: **E. Brilakis**

Co-Chairman: **M. De Benedictis**

Discussants:

T. Chechi, L. Grancini, J.A. Oreglia, T. Rashid, F. Ugo, M. Yamane

LIVE SESSION 6:

from Turin IT/Maria Pia Hospital

S. Budassi/R. Garbo/A. El Hadidy



16.30 - 18.00

THE 7 WONDERS: Final case presentation and best case award

Chairman: **E. Brilakis**

Co-Chairman: **K. Alaswad**

Discussants:

A. Avran, M. Egred, A. El Guindy, J.A. Oreglia, E. Smith, C. Tumscitz

Case 1 Right coronary artery CTO revascularization with R-CART - **S. Sandoval**

Case 2 Treatment of device-uncrossable calcified lesions by ELCA - **M. Ould**

Case 3 This is the way: Be hybrid - **L. Bettari**

Case 4 A rendez-vous between 2 CTOs - **S. Rizk**

Case 5 Many said: That's an easy CTO... - **A. Ben Abdessalem**

Case 6 Uncrossable CTO: When all Hope are lost - **R. Bianchi**

Case 7 If you go Back it won't be black - **T. Rashid**

18.00

Closing Remarks - **A. Gagnor**