

Under the patronage of:



CTO SUMMIT 2019

Turin, April 11th - 12th 2019

STARHOTELS MAJESTIC
Corso Vittorio Emanuele II, 54 - Torino

TERUMO
LEARNING
EDGE



Directors

Roberto Garbo

San Giovanni Bosco Hospital Torino

Andrea Gagnor

Maria Vittoria Hospital Torino

Co-Director

Mauro De Benedictis

Mauriziano Hospital Torino

Live cases venue

(Transmission by satellite in HD)

San Giovanni Bosco Hospital Torino



Mauriziano Hospital Torino



A.O. Ordine Mauriziano

Organizing Secretariat

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Course Objectives

Percutaneous revascularization of chronic total occlusions (CTO) is without any doubt the most challenging procedure in coronary interventional cardiology.

The knowledge of new techniques, as well as new dedicated wires and devices, allow to optimize procedural success also in other complex coronary interventions, in elective or urgent settings.

This new edition of CTO Summit in Turin is focused on Live cases, case review sessions and lecture from experts.

Congress Venue

STARHOTELS MAJESTIC
Corso Vittorio Emanuele II, 54
Torino



Gala Dinner

Thursday April 11th 8.00 PM



Gala Dinner

MUSEO
DELL'AUTOMOBILE
Corso Unità d'Italia, 40
Torino

International Faculty

<i>Aboujaoudeh Fadi</i> , Beirut (RI)	<i>Knaapen Paul</i> , Amsterdam (NL)
<i>Almagor Yaron</i> , Jerusalem (IL)	<i>Kraaijeveld Adriaan</i> , Utrecht (NL)
<i>Agostoni Pierfrancesco</i> , Anvers (Be)	<i>Lorgis Luc</i> , Dijon (Fr)
<i>Al-Awaysheh Raed</i> , Amman (Jo)	<i>Mashayekhi Kambis</i> , Bad Krozingen (De)
<i>Avran Alexandre</i> , Marseille (Fr)	<i>Nap Alexander</i> , Amsterdam (NL)
<i>Boudou Nicolas</i> , Toulouse (Fr)	<i>Nasu Kenya</i> , Toyohashi (Jp)
<i>Brilakis Emanouil</i> , Minneapolis (Usa)	<i>Ochiai Masahiko</i> , Yokohama (Jp)
<i>Bryniarski Leszek</i> , Krakow (Pl)	<i>Rinfret Stephan</i> , Montréal (Ca)
<i>Buttner Heinz-Joachim</i> , Bad Krozingen (De)	<i>Rumoroso José Ramon</i> , Santander (Es)
<i>Cardoso Pedro Pinto</i> , Lisboa (Pt)	<i>Sianos George</i> , Thessaloniki (Gr)
<i>Dens Jo</i> , Genk (Be)	<i>Smith Elliott</i> , London (UK)
<i>Diletti Roberto</i> , Rotterdam (NL)	<i>Toma Aurel</i> , Wien (At)
<i>El-Setiha Mohamed</i> , Tanta (Eg)	<i>Ungi Imre</i> , Szeged (Hu)
<i>Elguindy Ahmed</i> , Cairo (Eg)	<i>Werner Gerald</i> , Darmstadt (De)
<i>Elhadidy Amr</i> , Cairo (Eg)	<i>Wojcik Jaroslaw</i> , Lublin (Pl)
<i>Goktekin Omer</i> , Istanbul (Tr)	<i>Yamane Masahisa</i> , Saitama (Jp)
<i>Kalnins Artis</i> , Riga (Lt)	

Italian Faculty

<i>Aranzulla Tiziana</i> , Torino	<i>Galassi Alfredo Ruggero</i> , Catania
<i>Barberis Giancarlo</i> , Torino	<i>Gambino Alfonso</i> , Moncalieri (To)
<i>Beqaraj Federico</i> , Torino	<i>Garbo Roberto</i> , Torino
<i>Bianchi Renatomaria</i> , Napoli	<i>Gasparini Gabriele</i> , Milano
<i>Boccuzzi Giacomo</i> , Torino	<i>Grancini Luca</i> , Milano
<i>Burzotta Francesco</i> , Roma	<i>Iannaccone Mario</i> , Torino
<i>Cantù Edoardo</i> , Lecco - Merate (Lc)	<i>La Manna Alessio</i> , Catania
<i>Carlino Mauro</i> , Milano	<i>Liistro Francesco</i> , Arezzo
<i>Chizzola Giuliano</i> , Brescia	<i>Mancone Massimo</i> , Roma
<i>Colangelo Salvatore</i> , Torino	<i>Mazzarotto Pietro</i> , Lodi
<i>Colombo Francesco</i> , Torino	<i>Meliga Emanuele</i> , Torino
<i>D'Amico Maurizio</i> , Torino	<i>Milone Francesco</i> , Torino
<i>De Benedictis Mauro</i> , Torino	<i>Musumeci Giuseppe</i> , Cuneo
<i>Di Marco Massimo</i> , Pescara	<i>Nobile Giampiero</i> , Bologna
<i>Di Mario Carlo</i> , Firenze	<i>Oreglia Jacopo</i> , Milano
<i>Di Russo Cristian</i> , Roma	<i>Pacchioni Andrea</i> , Mirano (Ve)
<i>Drago Stefano</i> , Torino	<i>Paloscia Leonardo</i> , Pescara
<i>Fischetti Dionigi</i> , Lecce	<i>Parisi Rosario</i> , Pesaro
<i>Forlani Daniele</i> , Pescara	<i>Pera Isidoro</i> , Lecco
<i>Gagnor Andrea</i> , Torino	<i>Piazza Fabio</i> , Rho (Mi)

Italian Faculty

Piro Orlando, Napoli
Piva Tommaso, Ancona
Rognoni Andrea, Novara
Rutigliano David, Bari
Sangiorgi Giuseppe, Bergamo
Sanna Francesco, Cagliari
Sardella Gennaro, Roma
Scacciatella Paolo, Torino
Sclafani Rocco, Perugia
Scrocca Innocenzo, Torino
Secco Gioel Gabrio, Alessandria
Stio Rocco, Roma

Talanas Giuseppe, Sassari
Tarantini Giuseppe, Padova
Tomassoni Gianluca, Teramo
Trani Carlo, Roma
Truffa Giachet Alessandra, Asti
Tumminello Gabriele, Vercelli
Tumscitz Carlo, Ferrara
Ugo Fabrizio, Torino
Valenti Renato, Firenze
Varbella Ferdinando, Rivoli (To)
Vigna Carlo, San Giovanni Rotondo (Fg)

Faculty Live Operators

Avran Alexandre, Marsiglia (Fr)
Brilakis Emanouil, Minneapolis (Usa)
Gagnor Andrea, Torino
Garbo Roberto, Torino
Knaapen Paul, Amsterdam (NL)
Mashayekhi Kambis, Bad Krozingen (De)
Nasu Kenya, Toyohashi (Jp)
Ochiai Masahiko, Yokohama (Jp)
Rinfret Stephan, Montréal (Ca)
Sianos George, Salonicco (Gr)
Werner Gerald, Darmstadt (De)
Yamane Masahisa, Saitama (Jp)

San Giovanni Bosco Hospital Torino

Boccuzzi Giacomo, Torino
Colangelo Salvatore, Torino
Colombo Francesco, Torino
Ugo Fabrizio, Torino

Mauriziano Hospital Torino

Aranzulla Tiziana, Torino
De Benedictis Mauro, Torino
Meliga Emanuele, Torino
Scrocca Innocenzo, Torino

MORNING SESSION 8.15-13.30

ROOM COORDINATOR

M. De Benedictis

8.15 Greetings from the Authorities

V.F. Alberti (General Manager ASL Città di Torino)

M. Dall'Acqua (General Manager A.O. Ordine Mauriziano Torino)

G. Tarantini (GISE President)

Welcome and opening address

M. De Benedictis, R. Garbo

8.30-10.30

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

OPERATORS: *A. Gagnor, I. Scrocca (Mauriziano Hospital)*
M. Yamane, G. Boccuzzi (S. Giovanni Bosco Hospital)

CO-CHAIRMAN: *A. Galassi, G. Tarantini*

COMMENTATORS: *E. Brilakis, C. Di Mario, O. Goktekin, A. Kraaijeveld,*
G. Musumeci, C. Trani, J. Wojcik

10.30-11.30 **TECHNICAL SESSION**

CO-CHAIRMAN: *A. Avran, G. Sianos*

DISCUSSANTS: *N. Boudou, E. Brilakis, L. Bryniarski, C. Di Mario,*
L. Lorgis, G.G. Secco, G. Tarantini

10.30 New algorithms for CTO treatment:
has something really changed? *C. Di Mario*

10.40 My 7 key points for CTO *E. Brilakis*

10.50 Protected PCI and CHIP *G. Tarantini*

11.00 Reverse CART technique: new classification
for an old tool *N. Boudou*

11.10 Discussion

11.30-13.30

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

OPERATORS: *R. Garbo, S. Colangelo (S. Giovanni Bosco Hospital)*
K. Nasu, E. Meliga (Mauriziano Hospital)

CO-CHAIRMAN: *N. Boudou, M. Ochiai*

COMMENTATORS: *P. Agostoni, L. Bryniarski, J. Dens, A. Elhadidy,*
K. Mashayekhi, G. Tomassoni, F. Varbella

13.30 Lunch

AFTERNOON SESSION 14.30-17.30

ROOM COORDINATOR
G. Sardella

TECHNICAL SESSION

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

14.30-16.00 TECHNICAL SESSION

CO-CHAIRMEN: *J. R. Rumoroso, G. Werner*

DISCUSSANTS: *A. Avran, J. Dens, R. Diletti, G. Gasparini,
O. Goktekin, M. Ochiai, J. Oreglia*

14.30 Why choose a specific wire according to
angiographic and anatomical features *M. Ochiai*

14.40 Managing bifurcations in antegrade
and retrograde approach *O. Goktekin*

14.50 Ostial CTO lesion *A. Avran*

15.00 Utility of Guiding catheter extension in CTO PCI
G. Gasparini

15.10 ADR, why and when: view from the hybrid operator
J. Dens

15.20 CTO complications: troubleshooting device
entrapment *J. Oreglia*

15.30 Discussion

16.00-18.00

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

OPERATORS: *E. Brilakis, F. Ugo* (S. Giovanni Bosco Hospital)
K. Mashayekhi, T. Aranzulla (Mauriziano Hospital)

CO-CHAIRMEN: *P. Knaapen, G. Werner*

COMMENTATORS: *F. Aboujaoudeh, N. Boudou, P.P. Cardoso,
R. Diletti, D. Fischetti, O. Goktekin, S. Rinfret*

18.00 Closing remarks

MORNING SESSION 8.30-13.30

ROOM COORDINATOR

G. Gasparini

TECHNICAL SESSION

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

8.30-10.30

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

OPERATORS: *M. Ochiai, I. Scrocca* (Mauriziano Hospital)
G. Sianos, G. Boccuzzi (S. Giovanni Bosco Hospital)

CO-CHAIRMEN: *A. Avran, E. Smith*

COMMENTATORS: *H.J. Buttner, J. Dens, D. Forlani, A. Kalnins,*
P. Knaapen, F. Liistro, I. Ungi

10.30/11.30 TECHNICAL SESSION

CO-CHAIRMEN: *E. Smith, K. Mashayekhi*

DISCUSSANTS: *Y. Almagor, E. Brilakis, M. Carlino, M. Yamane,*
K. Nasu, G. Sardella, G. Werner

10.30 Utility of imaging for planning CTO strategy *G. Werner*

10.40 Managing severe calcified lesion *E. Smith*

10.50 Retrograde approach: when microcatheter
doesn't cross. Tips and tricks *E. Brilakis*

11.00 Donor vessel complication: a nightmare *M. Yamane*

11.10 Discussion

11.30-13.30

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

OPERATORS: *A. Avran, T. Aranzulla* (Mauriziano Hospital)
S. Rinfret, F. Ugo (S. Giovanni Bosco Hospital)

CO-CHAIRMEN: *C. Di Mario, M. Yamane*

COMMENTATORS: *N. Boudou, F. Burzotta, L. Grancini, D. Rutigliano,*
G. Sangiorgi, E. Smith, A. Toma

13.30 Lunch

AFTERNOON SESSION 14.30-17.30

ROOM COORDINATOR

J. Oreglia

TECHNICAL SESSION

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

14.30-15.30 TECHNICAL SESSION

CO-CHAIRMAN: *C. Di Mario, A. La Manna*

DISCUSSANTS: *P. Agostoni, F. Liistro, K. Mashayekhi, A. Nap,
K. Nasu, S. Rinfret, E. Smith*

14.30 Managing impenetrable cap
E. Smith

14.40 My top tips and tricks in ADR strategy
A. Nap

14.50 Tip in: two microcatheters technique for complex
CTO PCI
K. Mashayekhi

15.00 CTO in post CABG patients
S. Rinfret

15.10 Discussion

15.30-17.30

LIVE CASES FROM SAN GIOVANNI BOSCO AND MAURIZIANO HOSPITAL

OPERATORS: *P. Knaapen, S. Colangelo* (S. Giovanni Bosco Hospital)
G. Werner, E. Meliga (Mauriziano Hospital)

CO-CHAIRMAN: *K. Nasu, S. Rinfret*

COMMENTATORS: *Y. Almagor, M. Carlino, M. D'Amico, A. La Manna,
A. Nap, J.R. Rumoroso, C. Tumscitz*

17.30 Closing Remarks

PARALLEL SESSIONS

COORDINATOR
P. Mazzarotto

“MY MOST TEACHING CASE OF THE YEAR”

10.30-11.30 **CASE PRESENTATION**

DISCUSSANTS: *P. Agostoni, G. Barberis, G. Chizzola, A. Kalnins,
G. Musumeci, D. Rutigliano, R. Sclafani,
G. Tumminello, F. Varbella, C. Vigna*

10.30 CASE PRESENTATION *R. Al-Awaysheh*
Discussion

10.50 CASE PRESENTATION *R. Diletti*
Discussion

11.10 CASE PRESENTATION *C. Di Russo*
Discussion

14.30-15.30 **CASE PRESENTATION**

DISCUSSANTS: *F. Begaraj, M. Di Marco, F. Milone, R. Parisi,
O. Piro, T. Piva, G.G. Secco, A. Truffa,
R. Valenti, F. Varbella*

14.30 CASE PRESENTATION *A. ElGuindy*
Discussion

14.50 CASE PRESENTATION *R. Stio*
Discussion

15.10 CASE PRESENTATION *J.R. Rumoroso*
Discussion

PARALLEL SESSIONS

COORDINATOR
P. Mazzarotto

“MY MOST TEACHING CASE OF THE YEAR”

10.30-11.30 **CASE PRESENTATION**

DISCUSSANTS: *P. Agostoni, R. Bianchi, D. Forlani, G. Nobile,
L. Paloscia, F. Piazza, A. Rognoni, G. Sangiorgi,
F. Sanna, P. Scacciatella*

10.30 CASE PRESENTATION *H.J. Buttner*
Discussion

10.50 CASE PRESENTATION *L. Lorgis*
Discussion

11.10 CASE PRESENTATION *A. Toma*
Discussion

14.30-15.30 **CASE PRESENTATION**

DISCUSSANTS: *E. Cantù, S. Drago, A. Gambino, L. Grancini,
M. Iannacone, A. Pacchioni, I. Pera, D. Rutigliano,
F. Sanna, G. Talanas*

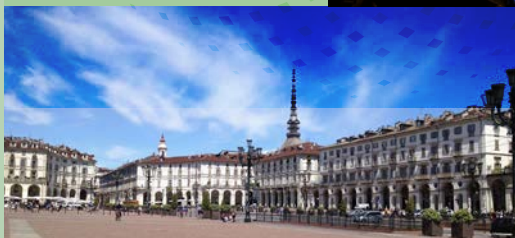
14.30 CASE PRESENTATION *M. El Setiha*
Discussion

14.50 CASE PRESENTATION *M. Mancone*
Discussion

15.10 CASE PRESENTATION *C. Tumscitz*
Discussion

CTO SUMMIT 2019

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