

12th Experts Live CTO
The annual Euro CTO meeting

Final Program



September
11th – 12th, 2020

Berlin, Germany

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Gerald S. Werner, Darmstadt, Germany
Ulf Landmesser, Berlin, Germany
Alexander Bufe, Krefeld, Germany
Kambis Mashayekhi, Bad Krozingen, Germany

Co-Course Director/Live Case Coordinator

Carsten Skurk, Berlin, Germany

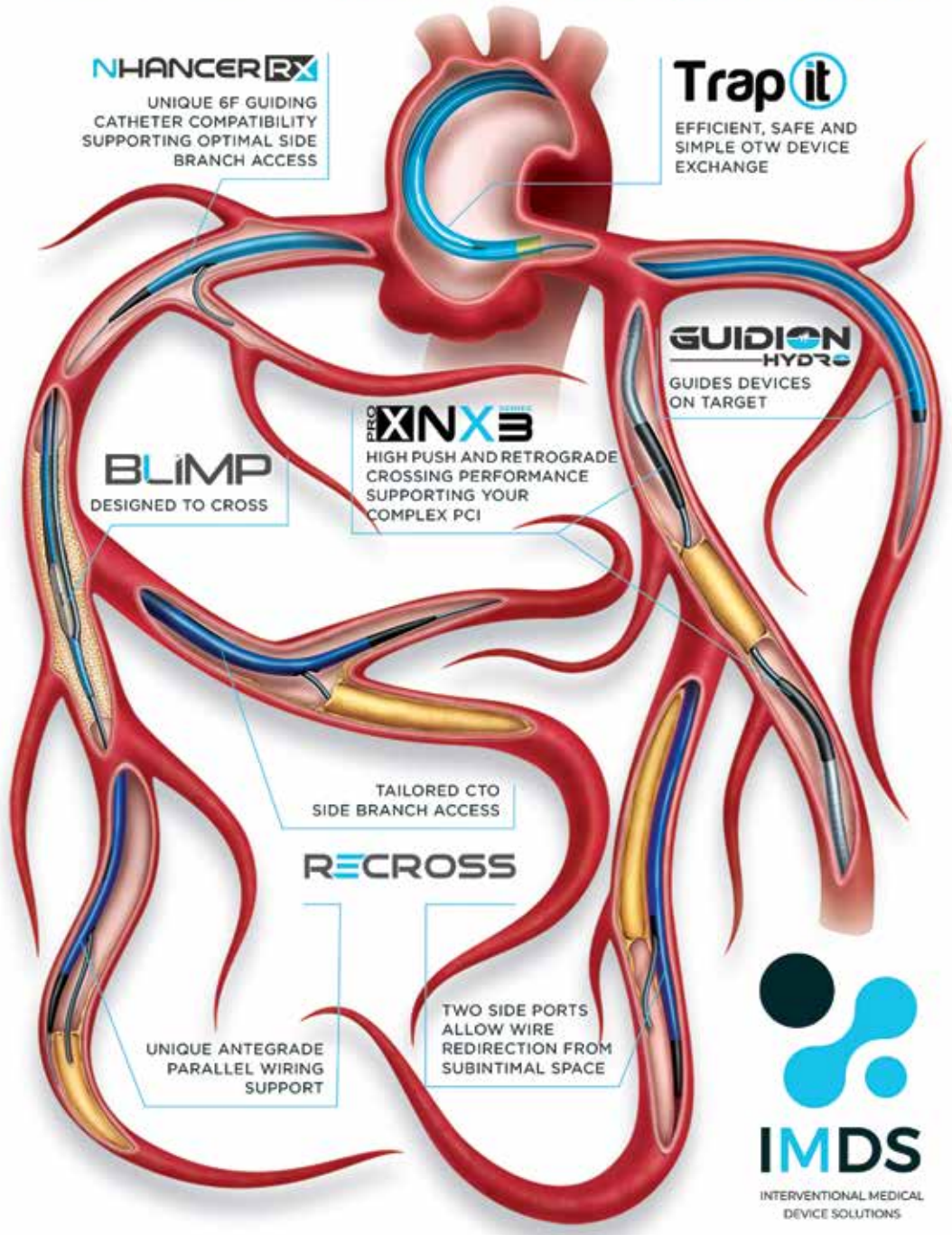
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Gerald S. Werner,
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Alexander Bufe,
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Kambis Mashayekhi,
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**Dear Colleagues,
Dear Friends,**

In difficult times of the Covid pandemic the Euro CTO club with support of the industry sponsors has taken up the challenge to conduct the first CTO live meeting after the outbreak in March. We all think that a live interaction of educative programs and specifically the live cases cannot be replaced even by the most refined online activities. The challenges are bigger than ever, and we are most thankful to the Charité Berlin at the Campus Benjamin Franklin for making the live cases possible with expert operators from Europe. We were not able to have our esteemed colleagues from overseas join us this year, but many of them will participate with online live presentations. Even within Europe attending our meeting is restricted, which is why we also offer an online platform to participate live and with interactive options.

But CTO PCI has not ceased to be an important issue despite the impact of the pandemic. The treatment of chronically impaired patients with often complex lesions remains a challenge that needs to be met with even more refined tools and techniques.

Interventional therapy of chronic total occlusions has established itself as a subspecialty of percutaneous coronary intervention with a procedural outcome comparable to non-CTO lesions if performed by trained and experienced operators. This is now also reflected in current guidelines on myocardial revascularisation. Recently, the randomised EURO CTO trial showed a significant benefit for CTO PCI over optimal medical therapy. The goal of the annual meetings of the European CTO club is to provide a forum of education and interactive discussion of the new

**CO-COURSE DIRECTOR/
LIVE CASE COORDINATOR**



Carsten Skurk,
Berlin, Germany

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George Sianos,
Thessaloniki, Greece

developments in the treatment of CTO lesions. This includes both the presentation and discussion of new devices and the critical review of new technical approaches and strategies. The live case transmissions illustrate these new techniques and enhance the discussion in an interactive way with world-renowned operators. The case selection aims at an incremental presentation of cases from seemingly low to higher complexity, thus providing contents for the already experienced, but also for those aspiring to become experts in this field of PCI.

As last year's meeting in Berlin again had an excellent resonance from the participants the Euro CTO club decided to keep this venue for 2020. It will again be a great opportunity to come together and discuss major issues such as the continuous education, techniques and product development, research in the field, and many others. Furthermore, the setup of the venue provides the industry with ample opportunities to communicate with leading experts in the field.

Gerald S. Werner, Ulf Landmesser, Alexander Bufe, Kambis Mashayekhi
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SCIENTIFIC PROGRAM

Friday, September 11th, 2020

07:00	Registration
08:00 – 10:45	Session 1 CTO PCI Case selection and antegrade approach Chairmen: Gerald Werner, Darmstadt, Germany; Carlo Di Mario, Florence, Italy
08:00	Ischemia and viability – How to select the right patient Alexander Bufe, Krefeld, Germany
08:10	Plan the approach based on the angiogram Jo Dens, Genk, Belgium
08:20	Radiation management in CTO PCI Gerald Werner, Darmstadt, Germany
08:30	The essentials of guide wires for CTOs Masahisa Yamane, Sayama City, Japan (via web)
08:45	Antegrade – EURO CTO algorithm Markus Meyer-Geßner, Düsseldorf, Germany
09:00	Parallel Wiring vs. ADR: Any difference? Kambis Mashayekhi, Bad Krozingen, Germany
09:10	Debate
09:15 – 10:45	LIVE CASE 1 and 2 Discussants: Gabriele Luigi Gasparini, Rozzano (Milan), Italy; Harald Lapp, Erfurt, Germany; Jaroslaw Wójcik, Lublin, Poland Live Case 1 presented by Asahi Alfredo Galassi, Palermo, Italy; Carsten Skurk, Berlin, Germany Live Case 2 presented by Shockwave Nicolas Boudou, Bordeaux, France; Jörg Dalibor, Dresden, Germany
10:45	Coffee break and exhibition



11:15 – 13:15	Session 2 The Euro CTO Club Chairmen: Hans Bonnier, Nuenen, Belgium; Georgios Sianos, Thessaloniki, Greece
11:15	Welcome by the Organisers Gerald Werner, Darmstadt, Germany; Ulf Landmesser, Berlin, Germany; Georgios Sianos, Thessaloniki, Greece
11:25	EURO CTO registry and future projects Carlo Di Mario, Florence, Italy
11:40	Assessing the randomized trials Ulf Landmesser, Berlin, Germany
11:50 – 12:45	LIVE CASE 3 Discussants: Marios Vlachojannis, Detmold, Germany; Nicolas Boudou, Bordeaux, France; Luca Grancini, Milan, Italy Live Case 3 presented by IMDS Roberto Garbo, Turin, Italy; Zisis Dimitriadis, Frankfurt a. Main, Germany
12:45 – 13:15	CTO Case competition Chairmen: Alexander Bufe, Krefeld, Germany; Kambis Mashayekhi, Bad Krozingen, Germany
12:45 – 13:45	Lunch break and exhibition
13:45 – 16:20	Session 3 CTO PCI : Retrograde approach Chairmen: Yves Louvard, Massy, France; Kambis Mashayekhi, Bad Krozingen, Germany
13:45 – 14:35	LIVE CASE 4 Discussants: Juan Luis Gutiérrez-Chico, Marbella, Spain; Maciej Lesiak, Poznan, Poland Live Case 4 presented by Terumo Andrea Gagnor, Turin, Italy; Artur Lange, Berlin, Germany
14:35	CTO PCI today – A summary of recent publications Emmanouil Brilakis, Minneapolis, United States of America (via web)
14:55	Retrograde approach – EUROCTO algorithm Alfredo Galassi, Palermo, Italy
15:10	Wires for the retrograde approach Masahisa Yamane, Sayama City, Japan (via web)

15:20	Microcatheters, new developments Georgios Sianos, Thessaloniki, Greece
15:35 – 16:20	LIVE CASE 5 Discussants: Zisis Dimitriadis, Frankfurt a. Main, Germany; Leszek Bryniarski, Krakow, Poland; Nicolas Boudou, Bordeaux, France Live Case 5 presented by Asahi Gerald Werner, Darmstadt, Germany; Youssef Abdelwahed, Berlin, Germany
16:20 – 16:35	Coffee break and exhibition
16:35 – 17:50	Session 4 Complication management in CTOs Chairmen: Yves Louvard, Massy, France; Alfredo Galassi, Palermo, Italy
16:35	Published data on CTO complications Gabriele Luigi Gasparini, Rozzano (Milan), Italy
16:45	Perforation management of the CTO vessel Sergey Furkalo, Kiev, Ukraine (via web)
16:55	Perforation management of collaterals Nicolas Boudou, Bordeaux, France
17:05	Specific complications with ADR Andrew Ladwiniec, Leicester, United Kingdom
17:15	Trapped and lost devices – Leave it or retrieve it? Andrea Gagnor, Turin, Italy
17:25	Summary of the cases of today All operators
17:50 – 19:00	Session X General Assembly
18:30 – 21:30	Get-together in the exhibition area

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SCIENTIFIC PROGRAM

Saturday, September 12th, 2020

07:30 – 08:30	Breakfast Symposium IMDS New devices and techniques for Everyday Efficiency in Complex PCI Speaker: Roberto Garbo, Turin, Italy; Georgios Sianos, Thessaloniki, Greece; Margaret McEntegart, Glasgow, Scotland
08:45 – 11:15	Session 5 How to manage specific problems in CTO PCI Chairmen: Georgios Sianos, Thessaloniki, Greece; Alexander Bufe, Krefeld, Germany
08:45 – 10:15	LIVE CASE 6 and 7 Discussants: Omer Goktekin, Istanbul, Turkey; Patrick Siegrist, Zurich, Switzerland Live Case 6 presented by Asahi Jo Dens, Genk, Belgium; Markus Meyer-Geßner, Düsseldorf, Germany Live Case 7 presented by Asahi Gabriele Luigi Gasparini, Milan, Italy; Stylianos Pyxaras, Landshut, Germany
10:15	Treatment of true CTO – Bifurcation Kambis Mashayekhi, Bad Krozingen, Germany
10:25	CTO at the crux cordis – Which strategy? Leszek Bryniarski, Krakow, Poland
10:35	What to do if you cannot cross the proximal cap Prathap Kumar, Thiruvananthapuram, India (via web)
10:45	Calcification in CTOs – Rotablation and Shockwave (recorded lecture) Jonathan Hill, London, United Kingdom (via web)
10:55	Microcatheter cannot pass collateral Georgios Sianos, Thessaloniki, Greece
11:05	Reverse CART does not work Omer Goktekin, Istanbul, Turkey
11:15	Coffee break and exhibition



11:45 – 13:45	Session 6 Critical issues in CTO PCI Chairmen: Roberto Garbo, Turin, Italy; Leszek Bryniarski, Krakow, Poland
11:45 – 12:30	LIVE CASE 8 Discussants: Jörg Dalibor, Dresden, Germany; Stylianos Pyxaras, Landshut, Germany; Leszek Bryniarski, Krakow, Poland Live Case 8 presented by Shockwave Kambis Mashayekhi, Bad Krozingen, Germany; Pietro Mazzarotto, Lodi, Italy
12:30	Intracoronary Imaging – When to use, how to use and how to interpret the images Roberto Garbo, Turin, Italy
12:45	IVUS reentry – How to navigate Satoru Sumitsuji, Osaka, Japan (via web)
12:55	CT as a tool for CTO PCI Patrick Siegrist, Zurich, Switzerland
13:00 – 13:45	LIVE CASE 9 Discussants: Jörg Dalibor, Dresden, Germany; Stylianos Pyxaras, Landshut, Germany; Leszek Bryniarski, Krakow, Poland Live Case 9 presented by IMDS Georgios Sianos, Thessaloniki, Greece; Artur Lange, Berlin, Germany
13:45	Lunch break and exhibition
14:45 – 16:30	Session 7 Clinical issues in CTO PCI Chairmen: Carlo Di Mario, Florence, Italy; Georgios Sianos, Thessaloniki, Greece
14:45 – 15:30	LIVE CASE 10 Discussants: Michael Pieper, Kreuzlingen, Germany; Bernward Lauer, Jena, Germany Live Case 10 presented by Terumo Gerald Werner, Darmstadt, Germany; Jaroslaw Wójcik, Lublin, Poland
15:30	Covid-19 and interventional cardiology – Insights from Italy Roberto Garbo, Turin, Italy; Gabriele Luigi Gasperini, Rozzano (Milan), Italy
15:40	Webbased platforms for education in CTO PCI during Covid-19 Zisis Dimitriadis, Mainz, Germany
15:50	CTO in Chronic kidney disease Dimitrios Karpaliotis, New York, United States of America (via web)

16:00	CTO in MVD Bernward Lauer, Jena, Germany
16:10	Summary of Live Cases and Critical Discussion Panel with Live Operators
16:25 – 16:30	Closing remarks

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NOTES

GENERAL INFORMATION

12th Experts Live CTO
September 11th – 12th, 2020
Berlin, Germany

Venue
Mercure Moa Hotel Berlin
Stephanstraße 41
10559 Berlin

Language
The official language of the congress is English. No simultaneous translation is available.

Certificate of Attendance
The Certificate of Attendance will be available on-site at the registration desk. The meeting is accredited by the European Board of Accreditation in Cardiology (EBAC) with 8 credits on Friday and 6 credits on Saturday.

Registration fee
on site 850,00 € incl. VAT / per person
Reduced rate for fellows: 400,00 € incl. VAT/per person (physicians in education/training)*

Registration fee includes

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