September
11th – 12th, 2020
Berlin, Germany

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Ulf Landmesser, Berlin, Germany
Alexander Bufe, Krefeld, Germany
Kambis Mashayekhi, Bad Krozingen, Germany

Co-Course Director / Live Case Coordinator
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www.eurocto2020.eu
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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 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

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<td>Registration</td>
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<tr>
<td>08:00</td>
<td>Session 1</td>
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<tr>
<td>08:00</td>
<td>CTO PCI Case selection and antegrade approach</td>
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<tr>
<td>08:10</td>
<td>Ischemia and viability – How to select the right patient</td>
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<td>08:10</td>
<td>Jo Dens, Genk, Belgium</td>
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<tr>
<td>08:20</td>
<td>Plan the approach based on the angiogram</td>
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<td>08:30</td>
<td>Radiation management in CTO PCI</td>
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<td>08:30</td>
<td>Gerald Werner, Darmstadt, Germany</td>
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<tr>
<td>08:45</td>
<td>The essentials of guide wires for CTOs</td>
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<tr>
<td>08:45</td>
<td>Masahisa Yamane, Sayama City, Japan (via web)</td>
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<tr>
<td>09:00</td>
<td>Antegrade – EURO CTO algorithm</td>
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<td>09:00</td>
<td>Markus Meyer-Geßner, Düsseldorf, Germany</td>
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<tr>
<td>09:10</td>
<td>Parallel Wiring vs. ADR: Any difference?</td>
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<td>09:10</td>
<td>Kambis Mashayekhi, Bad Krozingen, Germany</td>
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<td>09:15</td>
<td>Debate</td>
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<td>09:15</td>
<td>Live CASE 1 and 2</td>
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<tr>
<td>09:15</td>
<td>Discussants: Gabriele Luigi Gasparini, Rozzano (Milan), Italy; Harald Lapp, Erfurt, Germany; Jaroslaw Wójcik, Lublin, Poland</td>
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<tr>
<td>09:45</td>
<td>Live CASE 1 presented by Asahi</td>
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<td>09:45</td>
<td>Alfredo Galassi, Palermo, Italy; Carsten Skurk, Berlin, Germany</td>
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<tr>
<td>10:45</td>
<td>Coffee break and exhibition</td>
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<tr>
<td>10:45</td>
<td>Live CASE 2 presented by Shockwave</td>
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<tr>
<td>10:45</td>
<td>Nicolas Boudou, Bordeaux, France; Jörg Dalibor, Dresden, Germany</td>
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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 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 Vlachoianannis, Detmold, Germany; Nenad Bozinovic, Niš, Serbia; 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; Tim Schäufele, Bern, Switzerland |
| 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; Sinisa Stojkovic, Belgrade, Serbia  
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 |

**LIVE CASES presented by:**

- ASAHI
- IMDS
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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: Sinisa Stojkovic, Belgrade, Serbia; 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
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

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# 12th Experts Live CTO

[Image: 12th Experts Live CTO]

## Session 6
**Critical issues in CTO PCI**
Chairmen: Roberto Garbo, Turin, Italy; Leszek Bryniarski, Krakow, Poland

### LIVE CASE 8
**Discussants:** Jörg Dalibor, Dresden, Germany; Stylianos Pyxaras, Landshut, Germany; Tim Schläufele, Bern, Switzerland

**Live Case 8 presented by Shockwave**
Kambis Mashayekhi, Bad Krozingen, Germany; Pietro Mazzarotto, Lodi, Italy

### Intracoronary Imaging – When to use, how to use and how to interpret the images
Roberto Garbo, Turin, Italy

### IVUS reentry – How to navigate
Satoru Sumitsuji, Osaka, Japan (via web)

### CT as a tool for CTO PCI
Patrick Siegrist, Zurich, Switzerland

### LIVE CASE 9
**Discussants:** Jörg Dalibor, Dresden, Germany; Stylianos Pyxaras, Landshut, Germany; Tim Schläufele, Bern, Switzerland

**Live Case 9 presented by IMDS**
Georgios Sianos, Thessaloniki, Greece; Arthur Lange, Berlin, Germany

### Lunch break and exhibition

### Session 7
**Clinical issues in CTO PCI**
Chairmen: Carlo Di Mario, Florence, Italy; Georgios Sianos, Thessaloniki, Greece

### 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

### Covid-19 and interventional cardiology – Insights from Italy
Roberto Garbo, Turin, Italy; Gabriele Luigi Gasperini, Rozzano (Milan), Italy

### Webbased platforms for education in CTO PCI during Covid-19
Ziai Dimitriadis, Mainz, Germany

### CTO in Chronic kidney disease
Dimitrios Karmpaliotis, New York, United States of America (via web)

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Minneapolis, USA

Jonathan Hill  
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**Our partner network:**

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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
- Admission to the Scientific Sessions
- Catering during the breaks
- Certificate of attendance

Get-together in the Exhibition Area
60,00 € incl. VAT / per person
Friday, September 11th, 2020, 06:30 – 09:30 pm

Online registration: www.eurocto2020.eu

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