

# The Experts “Live” Workshop 2017

  
**September 15th – 16th, 2017**  
**Berlin, Germany**

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Markus Meyer-Gessner,  
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**COURSE DIRECTORS**



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Darmstadt, Germany



**Alexander Bufe,**  
Krefeld, Germany



**Markus Meyer-Gessner,**  
Duesseldorf, Germany



**Ulf Landmesser,**  
Berlin, Germany

**Dear Colleagues,  
Dear Friends,**

Interventional therapy of chronic total occlusions has achieved a success rate almost in the range of non-CTO lesions. The previous meetings were a great success, as the feedback from the attending physicians clearly shows that such focused meetings are of great value covering the topic in a fashion that is not possible in major Interventional meetings with broader interests. It is a great opportunity to gather together and to discuss major issues, such as the continuous education, techniques and product development, research in the field, and many others.

What are the reasons behind this success?

- The number of studies performed in the field of CTOs has increased considerably, and we shall provide an up-to-date overview of current knowledge.
- The major randomized study to consolidate the indication for CTO PCI will be available at that time, the EURO-CTO trial, and we have ample time to discuss the impact the future increase of CTO PCI.
- For the third time “Live cases” will be part of the program.
- With Berlin in the center of Europe, we offer you both an attractive place and a geographically ideal site.

We look forward to meeting all of you in Berlin.

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Committed to improve the outcome of complex lesions

## SCIENTIFIC PROGRAM

Friday, September 15th, 2017

07:00	<b>Registration</b>
08:00 – 10:15	<b>Session 1: CTO PCI STEP BY STEP I</b> Chairmen: Nicolaus Reifart, Germany; Alfredo R. Galassi, Italy
08:00	<b>What do we need to indicate CTO PCI?</b> Anthony Gershlick, United Kingdom
08:10	<b>Angiogram – how to record, analyse and prepare for the intervention</b> Andrea Gagnor, Italy
08:20	<b>Antegrade – step by step approach</b> Markus Meyer-Gessner, Germany
08:35	<b>Retrograde – step by step approach</b> Evald Høj Christiansen, Denmark
08:50	<b>LIVE CASES</b> Discussants: Mark Rosenberg, Germany; Victoria Martin Yuste, Spain; Artis Kalnins, Latvia; Guy Heyndrickx, Belgium <b>Live Case 1</b> Osamu Katoh, Japan; Kambis Mashayekhi, Germany <b>Live Case 2</b> Heinz Joachim Büttner, Germany; Nicolas Boudou, France
10:15	Coffee break and exhibition
10:30 – 12:30	<b>Session 2: The Euro CTO Club</b> Chairmen: George Sianos, Greece; Markus Meyer-Gessner, Germany
10:30	<b>Welcome by the Organisers</b> Gerald S. Werner, Germany; Ulf Landmesser, Germany; Alfredo R. Galassi, Italy
10:45	<b>Euro CTO Club – The Euro CTO trial</b> Gerald S. Werner, Germany
10:55	<b>The Euro CTO Score – Comparison with existing scores</b> David Hildick-Smith, United Kingdom
11:05	<b>Euro CTO Club – The radiation survey</b> Nicolaus Reifart, Germany
11:15	<b>Recent CTO publications</b> Carlo Di Mario, Italy
11:35	<b>LIVE CASES</b> Discussants: Nicolas Boudou, France; Jürgen Arenz, Germany; Aigars Lismanis, Latvia; Michael Pieper, Switzerland <b>Live Case 3</b> Etsuo Tsuchikane, Japan; Alexander Bufe, Germany

12:30	Lunch and exhibition
13:30 – 15:20	<b>Session 3: Advances in CTO PCI</b> Chairmen: Carlo Di Mario, Italy; Dimitri Karpaliotis, USA
13:30	<b>New wires, what we have, what is essential, what is on the horizon</b> George Sianos, Greece
13:40	<b>Dedicated CTO kit: microcatheters, balloons, adjunctive devices</b> Kambis Mashayekhi, Germany
13:50	<b>New developments in antegrade dissection/re-entry approach</b> Stéphane Rinfret, Canada
	<b>CASE – LIVE IN A BOX</b>
14:00	<b>Live in a Box 1</b> Nicolaus Reifart, Germany
14:20	<b>LIVE CASES</b> Discussants: Thomas Schmitz, Germany; Didier Tchetché, France; Hans Bonnier, Belgium; Jaroslaw Wójcik, Poland <b>Live Case 4</b> Gerald S. Werner, Germany; Luca Grancini, Italy
15:10	<b>Future Devices: Update on the Plasma wire</b> Etsuo Tsuchikane, Japan
15:20	Coffee break and exhibition
15:35 – 17:35	<b>Session 4: Specific Clinical problems and CTOs</b> Chairmen: Alexander Bufe, Germany; Etsuo Tsuchikane, Japan
15:35	<b>LIVE CASES</b> Discussants: Joerg Dalibor, Germany; Yves Louvard, France; Hweung Kon Hwang, Korea; Alexander Ghanem, Germany <b>Live Case 5</b> George Sianos, Greece ; Tim Schäufele, Germany
16:25	<b>CTO-PCI and the need of oral anticoagulation</b> Alexander Bufe, Germany
16:35	<b>ACS and CTO – how to manage</b> Bernward Lauer, Germany
16:45	<b>CTO and low ejection fraction</b> Alfredo R. Galassi, Italy
	<b>CASE – LIVE IN A BOX</b>
16:55	<b>Live in a Box 2</b> Leszek Bryniarski, Poland
17:15	<b>Live in a Box 3</b> Omer Goktekin, Turkey

17:35	End of Scientific Program
19:30	<b>Congress Dinner</b> (Meeting Point 19:00 Hilton Lobby) Location: Humboldt Carré: <a href="http://www.humboldtcarre.de/en">www.humboldtcarre.de/en</a> Only a limited number of seats available. We kindly ask you for an early booking.

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## SCIENTIFIC PROGRAM

**Saturday, September 16th, 2017**

06:45	Registration desk open	
07:15 – 08:30	Room: Ballroom	Room: Salon Schinkel
	<b>Breakfast Meeting "CTO – a global perspective"</b>	<b>Breakfast Meeting "CTOs for (young) beginners"</b>
	Chairmen: Alfredo R. Galassi, Italy; Etsuo Tsuchikane, Japan	Chairmen: David M. Leistner, Germany; Alexander Ghanem, Germany
	<b>CTO in Europe</b> Alfredo R. Galassi, Italy	<b>Antegrade approach – how to start? Views of a minimalist and a maximalist point of view combatants</b> David M. Leistner, Germany vs. Alexander Ghanem, Germany
	<b>CTO in the Middle East</b> Khalid Tammam, Saudi Arabia	<b>A minimalist view</b> David M. Leistner, Germany
	<b>CTO in Japan/Asia Pacific</b> Etsuo Tsuchikane, Japan	<b>A maximalist view</b> Alexander Ghanem, Germany
	<b>CTO in India</b> Surya Prakasa Rao Vithala, India	<b>Which lesion to start with which material?</b> Thomas Schmitz, Germany
	<b>CTO in North America</b> Emmanouil Brilakis, USA	<b>Which setting? – Top 10 lessons learned from my time as CTO beginner</b> Gerald S. Werner, Germany
	<b>What we can achieve together</b> George Sianos, Greece	<b>When am I prepared enough for my first retrograde approach?</b> Kambis Mashayekhi, Germany
08:30 – 10:55	<b>Session 5: Specific CTO situations</b> Chairmen: Kenya Nasu, Japan; Gerald S. Werner, Germany	

08:30	<b>LIVE CASES</b> Discussants: Sergey Furkalo, Ukraine; Alexandre Avran, France; Leszek Bryniarski, Poland; Khalid Tammam, Saudi Arabia <b>Live Case 6</b> Masahiko Ochiai, Japan; Markus Meyer-Gessner, Germany <b>Live Case 7</b> Alfredo R. Galassi, Italy; Harald Lapp, Germany
10:00	<b>CTO and bifurcation</b> Yves Louvard, France
<b>Rapid fire Tips and Tricks – 5 min: What do do if ...</b>	
10:15	<b>... you cannot cross the proximal cap</b> Valeri Gelev, Bulgaria
10:23	<b>... antegrade balloon cannot pass</b> Imre Ungi, Hungary
10:31	<b>... microcatheter cannot pass collateral</b> Jo Dens, Belgium
10:39	<b>... Reverse CART does not work</b> Yasushi Asakura, Japan
10:47	<b>... retrograde microcather cannot pass the lesion</b> Yasushi Asakura, Japan
10:55	Coffee break and exhibition
11:15 – 13:15	<b>Session 6: Approach to CTO and imaging</b> Chairmen: Heinz Joachim Büttner, Germany; Emmanouil Brilakis, USA
11:15	<b>LIVE CASES</b> Discussants: Jaroslaw Wójcik, Poland; Thierry Lefevre, France; Andrea Gagnor, Italy; Imre Ungi, Hungary <b>Live Case 8</b> Dimitri Karpaliotis, USA; Alexander Lauten, Germany
12:00	<b>5 most important things you can do wrong in the antegrade approach</b> Nicolas Boudou, France
12:10	<b>5 most important things you can do wrong in the retrograde approach</b> Roberto Garbo, Italy
12:20	<b>Intracoronary Imaging – when to use, how to use and how to interpret the images</b> Javier Escaned, Spain

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1. www.terumo-europe.com (accessed March 2016).

2. Terumo. Expanding transradial access for more patients. TIS-579-05202015/TJP.

3. Terumo. Optimize your approach to complex lesions. TIS-567-06022015/TJP.

4. Muramatsu et al., Current technical and clinical features of the antegrade and retrograde approaches to percutaneous transluminal coronary intervention for chronic total occlusion. The Egyptian Heart Journal, 2014; 66:1-10

5. Kimura et al., Successful retrieval of an entrapped Rotablator burr using 5 Fr guiding catheter. Catheter Cardiovasc Interv. 2011 Oct 1;78(4):558-64

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12:35	<b>Long-term outcome with DES in CTOs</b> Holger Nef, Germany
12:45	<b>BVS – An option for CTOs?</b> Michael Haude, Germany
	<b>CASE – LIVE IN A BOX</b>
12:55	<b>Live in a Box 4</b> Kambis Mashayekhi, Germany
13:15	Lunch and exhibition
14:00 – 17:15	<b>Session 7: Complex situations, Complications and Future</b> Chairmen: Ulf Landmesser, Germany; Alfredo R. Galassi, Italy
14:00	<b>LIVE CASES</b> Discussants: Yves Louvard, France; Javier Escaned, Spain; Roberto Garbo, Italy; Harald Lapp, Germany <b>Live Case 9</b> Alexandre Avran, France; Bernward Lauer, Germany
14:50	<b>A brief review of complications and tips and tricks</b> Emmanouil Brilakis, USA
15:05	<b>CTO in post CABG patients</b> Heinz Joachim Büttner, Germany
15:15	Coffee break and exhibition
	<b>CASE – LIVE IN A BOX</b>
15:30	<b>Live in a Box 5</b> Thierry Lefevre, France
15:50	<b>What future trials do we need in CTOs?</b> Ulf Landmesser, Germany
16:00	<b>MSCT and navigation for CTO PCI</b> Gerald S. Werner, Germany
16:10	<b>LIVE CASES: Summary / Discussion</b> <b>Summary of Live Cases 1-9 and Critical Discussion</b> Panel with Live Operators



16:40	<b>Closing remarks</b> Alexander Bufe, Germany; Markus Meyer-Gessner, Germany
17:15	<b>ECC General Assembly with Board Elections</b>

LIVE CASES supported by unrestricted educational grants by:



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**THE EURO CTO CLUB CORDIALLY THANKS THE INVITED SPEAKERS FOR SUPPORTING THE WORKSHOP WITH THEIR KNOWLEDGE AND EXPERTISE:**

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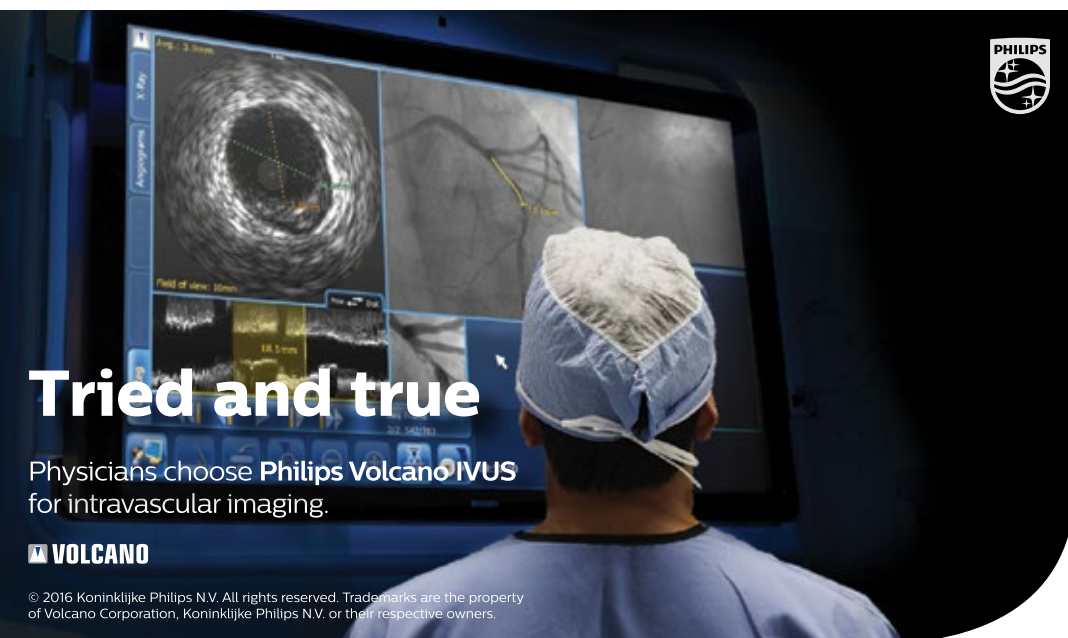
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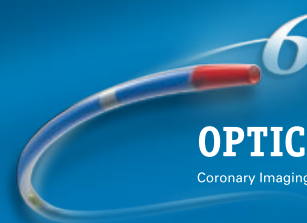
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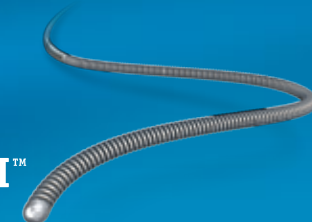
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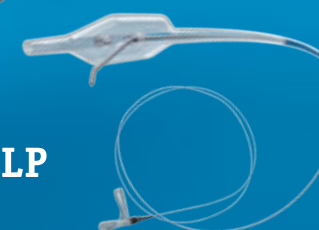


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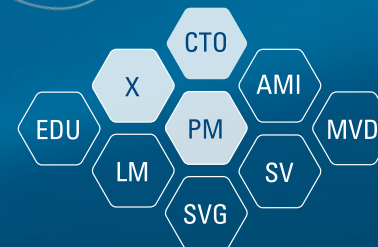
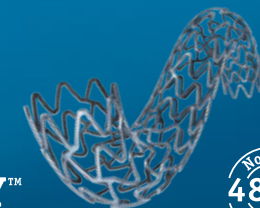
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## the stent behind the EuroCTO Trial

Gerald S. Werner, MD PhD conclusion slide at EuroPCR 2017\*

*...the results are relevant and demonstrate, that PCI of CTO improved the health status regarding angina frequency, physical limitations, and quality of life as compared to OMT, and improved the functional Class...*

\* source: [https://media.pconline.com/diapos/EuroPCR2017/7103-20170518\\_0945\\_Main\\_Arena\\_Werner\\_Gerald\\_1111\\_12614/Werner\\_Gerald\\_20170518\\_0945\\_Main\\_Arena.pdf](https://media.pconline.com/diapos/EuroPCR2017/7103-20170518_0945_Main_Arena_Werner_Gerald_1111_12614/Werner_Gerald_20170518_0945_Main_Arena.pdf)



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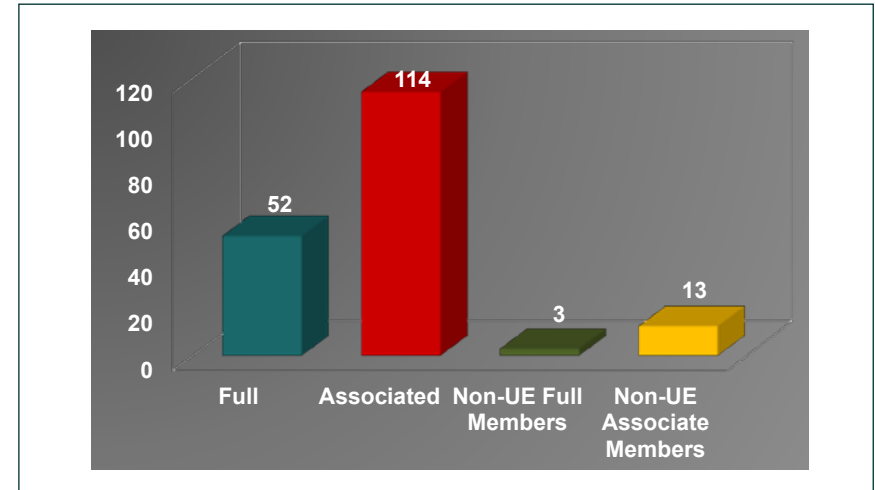
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## EURO CTO CLUB – STATISTICS

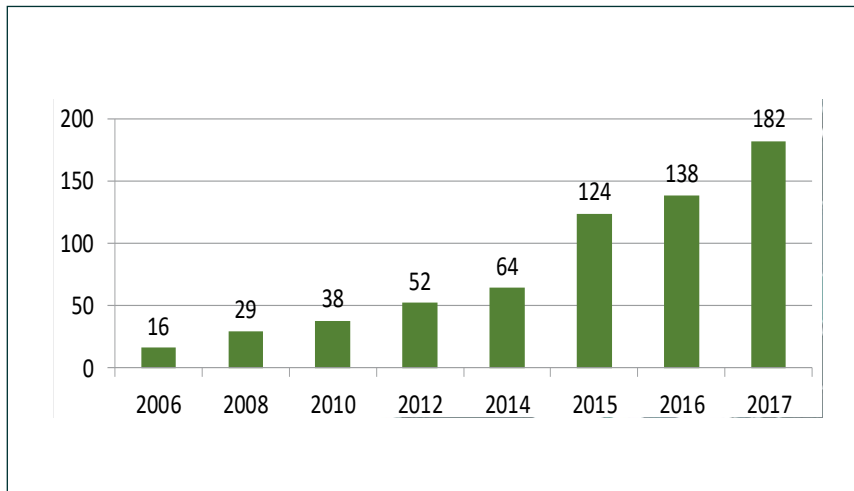
Euro CTO Club members



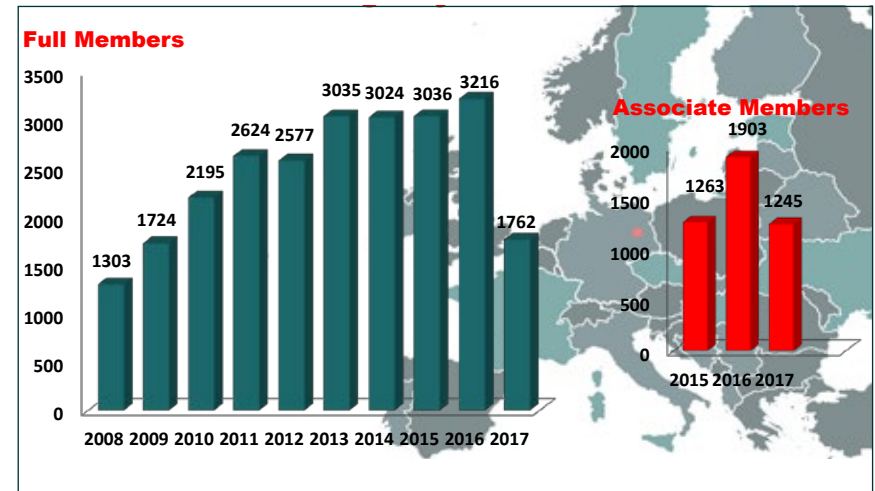
Euro CTO Club Members as of August 2017:



Euro CTO Club membership



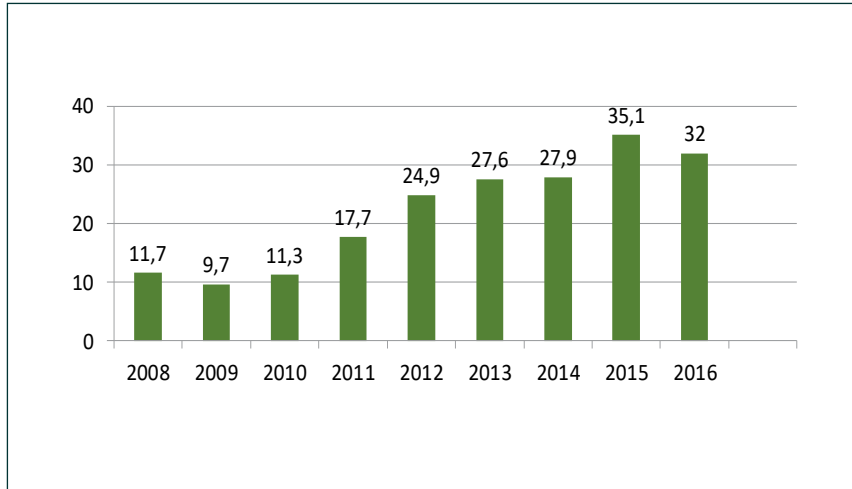
Online Registry 2008-2017



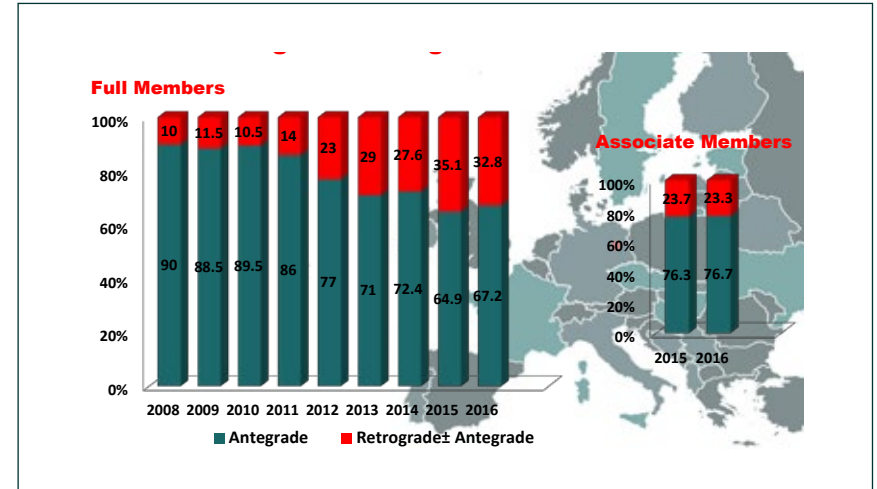


## EURO CTO CLUB – STATISTICS

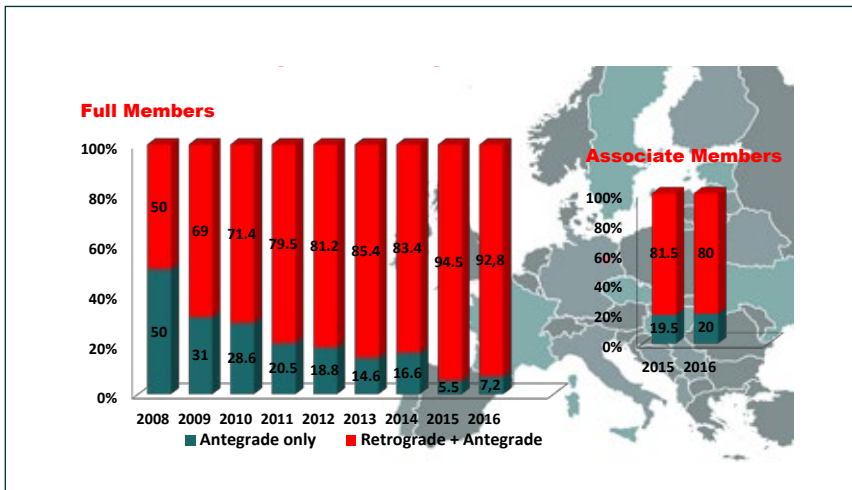
Retrograde Approach



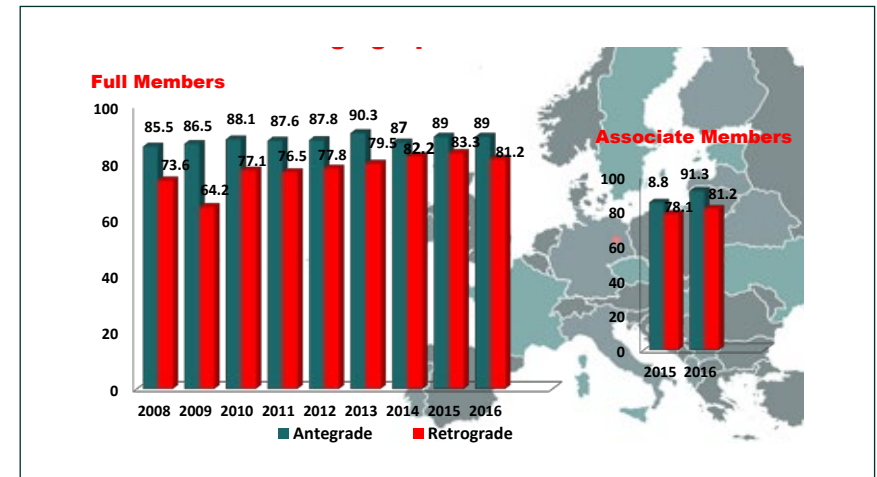
Antegrade/Retrograde Procedures



Antegrade/Retrograde Operators



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## GENERAL INFORMATION

**9th Experts „Live“ Workshop 2017**  
September 15th – 16th, 2017  
Berlin, Germany

**Venue**  
Hilton Berlin Mitte  
Mohrenstr. 30 | 10117 Berlin, Germany

**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).

**Registration fee**  
Regular: 770,00 € incl. VAT / per person  
Reduced rate for fellows: 350,00 € incl. VAT / per person (physicians in education/training)\*

**Registration fee includes**

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

**Congress Dinner**  
65,00 € incl. VAT / per person  
Friday, September 15th, 2017

Online registration: [www.eurocto2017.com](http://www.eurocto2017.com)

**Contact**  
**Congress Organisation**

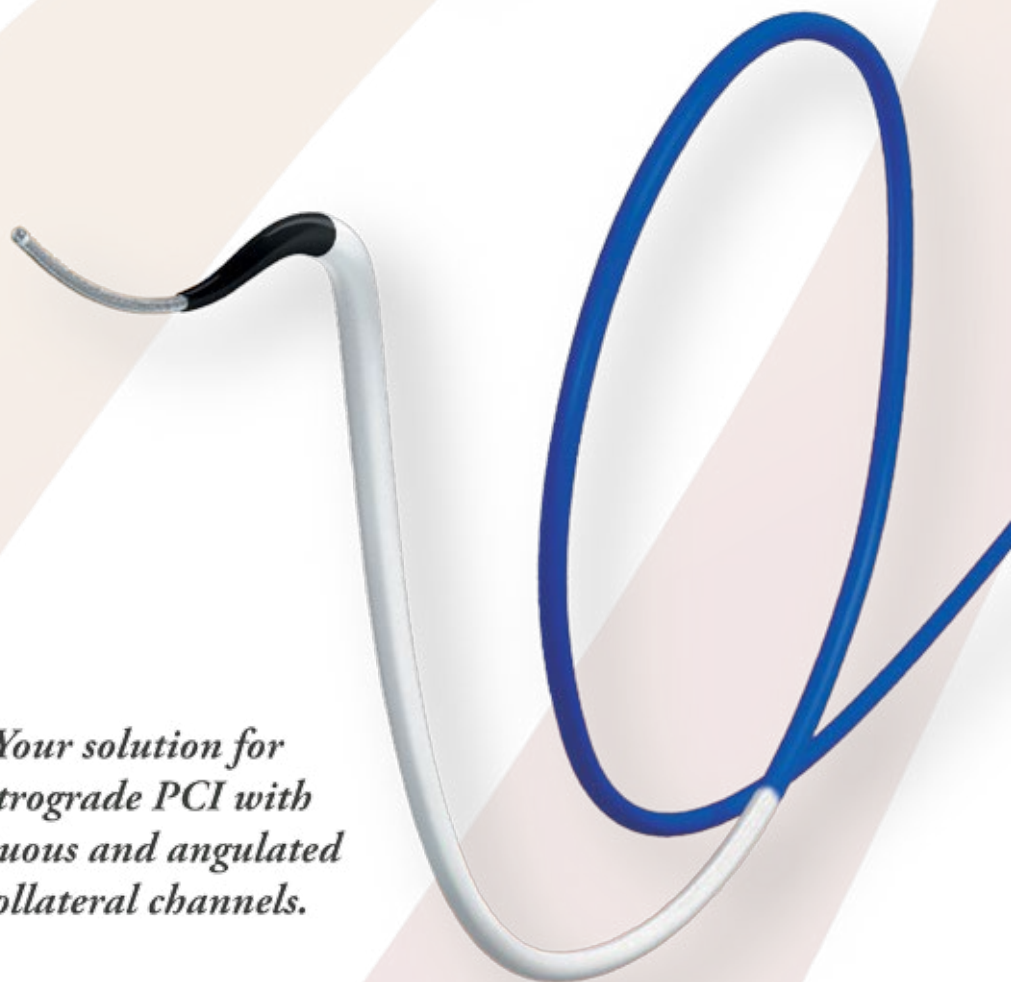


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