The Experts „Live“ Workshop 2012

September 21-22, 2012
London,
Grange Tower Bridge Hotel

Course Director
Carlo Di Mario
London, UK

Co-Directors
Anthony Gershlick
Leicester, UK
David Hildick-Smith
Brighton, UK

Scientific Board
Gerald S. Werner
Darmstadt, Germany
Nicolaus Reifart
Bad Soden, Germany
Alfredo R. Galassi
Catania, Italy
Hans Bonnier
Brussels, Belgium
George Sianos
Thessaloniki, Greece
Javier Escaned
Madrid, Spain

Final Programme

Endorsed by:
European Association of Percutaneous Cardiovascular Interventions (EAPCI)
British Cardiovascular Society (BCS)
INDEX

Programme:
Friday, September 21, 2012

Programme:
Saturday, September 22, 2012

Social Programme

Euro CTO Club

General Information

Sponsors
Dear colleagues,
Dear friends,

On behalf of the Euro CTO Club we would like to invite you to the 2012 meeting which will take place in London on Sept. 21st - 22nd.

Why should I attend? Chronic total occlusions are present in 10-15% of your patients and successful recanalization has been shown in a number of registries to improve medium and longer term prognosis, and effectively relieve symptoms of angina in patients resistant to medical therapy. With the dramatic increases in success rates CTO PCI is a viable option in most patients available to those practitioners trained in and exposed to contemporary techniques. Given that CTO patients are in general undertreated in Europe the main goal of the Euro CTO Club, the organising body of this congress, is to promote awareness of the need for CTO PCI, to educate operators of all skills and in particular to support operators who wish to improve their skills.

What is the format of the course? Experts “Live” is not a live course. Experienced operators from the Club will show appropriately selected pre-recorded cases of CTOs highlighting a wide range of technical challenges, from the relatively easy to the most complex. Interaction with the course delegates will allow the steps in the procedure to be discussed and alternatives to be presented. Special attention is given to characteristics of dedicated guidewires or microcatheters. While the course will drive an ethos of education towards success some failures will also be presented, the reasons for failure will be explored, thus advancing possible future techniques to enhance subsequent success. We always show complications to help you recognise them early as they start to occur and thus be better prepared with potential solutions.

What can I expect from this course? The course is designed to suit all grades of operators from the most basic to the most skilled - setup of shots, equipment choice, upcoming technologies, complex retrograde cases and much more will be covered. The course is the annual forum focusing discussion of the 41 members of Euro CTO Club but its success depends on the active participation of every interventionist genuinely interested to spend time and effort on improving outcomes in CTO patients.

Carlo Di Mario, Course Director
Gerald S. Werner, ECC-President
Anthony Gershlick, Co-Director
David Hildick-Smith, Co-Director
All the solutions, whenever you need them

Scientific Programme
Friday, September 21, 2012

09:00 Welcome
Carlo Di Mario, London, UK

**INTRODUCTION TO CTO TREATMENT**
Chairmen: Guy Heyndrickx, Aalst, Belgium; David Hildick-Smith, Brighton, UK

09:05 A Dictionary CTO Slang/English
Anthony Gershlick, Leicester, UK

09:20 How to acquire and read a CTO angiogram?
Masahiko Ochiai, Tokyo, Japan

09:35 Dedicated CTO kit: wires
Gerald Werner, Darmstadt, Germany

09:55 Dedicated CTO kit: microcatheters and balloons
Antonio Serra, Barcelona, Spain

10:10 Dedicated CTO kit: adjunctive devices
Craig Thompson, Yale, USA

10:30 Coffee break

**RECORDED LIVE CASES 1-2**
Chairmen: Gerald Werner, Darmstadt, Germany; Georgios Sianos, Thessaloniki, Greece
Panelists: Jacques Koolen, Eindhoven, Netherlands; Thierry Lefevre, Massy-Paris, France; Keith Oldroyd, Glasgow, UK

11:00 Two “Easy” anterograde cases
CASE 1 – Presenter: Nick Palmer, Carlo Di Mario, London, UK
CASE 2 – Presenter: Claus Reifart, Bad Soden, Germany

12:30 The European CTO Registry
Alfredo Galassi, Catania, Italy

Tazuna® is a high performance PTCA dilatation catheter designed with ultra low entry profile for improved crossability.

Tazuna® provides the highest level of performance for CTO lesions.
12:45  Lunch

**CTO DEBATE 2012**
Chairmen: Javier Escaned, Madrid, Spain; Masahiko Ochiai, Tokyo, Japan
Panelists: Didier Tchetche, Toulouse, France; Yves Louvard, Massy-Paris, France; Angela Hoye, Hull, UK

12:30  6 Fr (and therefore radial) can be used in most cases
George Sianos, Thessaloniki, Greece

12:40  Femoral 7-8 Fr is the Gold Standard
Yasushi Asakura, Toyohashi, Japan

13:00  The Jury is out: Panel

**RECORDED LIVE CASES 3-4**

14:00  Two "Difficult" CTO cases
CASE 3 – Presenter: George Sianos, Thessaloniki, Greece
CASE 4 – Presenter: Roberto Garbo, Rivoli-Turin, Italy

**IMAGING IN CTO RECANALISATION**

15:30  MSCT before CTO: when to do, what to look for
Thierry Lefevre, Massy, France

15:45  IVUS during CTO: when to do, what to look for
Osamu Katoh, Kyoto, Japan

16:00  Coffee break

**CTO COMPLICATIONS AND FAILURES**
Chairmen: Hans Bonnier, Eindhoven, Netherlands; Claus Reifart, Bad Soden, Germany
Panelists: Imad Sheiban, Turin, Italy; David Hildick-Smith, Brighton, UK; Colm Hanratty, Belfast, UK

16:15  What did I do wrong?
(15 mins each)
Joachim Buettner, Bad Krotzingen, Germany
Laszek Bryniarski, Krakow, Poland
Claus Reifart, Bad Soden, Germany
Aigars Lismanis, Riga, Latvia
Carlo Di Mario, London, UK
Marcus Meyer-Gessner, Duesseldorf, Germany
Alexander Bufe, Wuppertal, Germany
Gerald Werner, Darmstadt, Germany
Elliott Smith, London, UK

**CTO MASTER LECTURE 2012**

18:15  Presentation: Carlo Di Mario, London, UK

18:30  End of day 1

19:30  GET TOGETHER AT OLD ROYAL NAVAL COLLEGE, GREENWICH
The Experts „Live“
Workshop 2012

Scientific Programme
Saturday, September 22, 2012

INDUSTRY SPONSORED BREAKFAST SYMPOSIUM
Chairmen: Sudhir Rathore, Frimley Park, UK; Thierry Lefevre, Massy-Paris, France

07:00  Breakfast
07:30  Bridgepoint
The hybrid approach & The Bridgepoint technology
Craig Thompson, Yale, USA
07:50  Abbott Vascular
A complex CTO
James Spratt, Edinburgh, UK
08:10  Volcano
The challenge of appropriate interpretation of FFR and IVUS in CTOs
Gerald S. Werner, Darmstadt, Germany
08:30  Biosensors
DES for CTOs: Are they all created equal?
Carlo Di Mario, London, UK

INTRODUCTION TO RETROGRADE RECANALIZATION
Chairmen: Anthony Gershlick, Leicester, UK; Osamu Katoh, Kyoto, Japan
Panelists: Jaroslaw Wojcik, Lublin, Poland; Mauro Carlino, Milan, Italy; Jonathan Hill, London, UK

09:00  When a retrograde approach should be started first
Masahisa Yamane, Tokyo, Japan
09:15  Collateral morphology and success: what’s possible (and safe) in 2012
James Spratt, Edinburgh, UK
**RECORDED LIVE CASES 5-6**

9:30  Two “Easy” retrograde cases  
CASE 5 – Presenter: Javier Escaned, Madrid, Spain  
CASE 6 – Presenter: Gerald S. Werner, Darmstadt, Germany

10:30  Coffee break

**RECORDED LIVE CASES 7-8**  
Chairmen: Javier Escaned, Madrid, Spain; Masahisa Yamane, Tokyo, Japan  
Panelists: Omer Goktekin, Istanbul, Turkey; Mauro De Benedictis, Turin, Italy; Julian Strange, Bristol, UK

10:45  Two “Difficult” retrograde cases  
CASE 7 – Presenter: Aigars Lismanis, Riga, Latvia  
CASE 8 – Presenter: Andrea Gagnor, Turin, Italy

12:40  How to train to become a CTO operator  
Craig Thompson, Yale, USA

12:50  The position of the Euro CTO Club – An invited comment from the Past President of the Euro CTO Club  
Nicolaus Reifart, Bad Soden, Germany

13:00  Lunch

**RETOGRADE DEBATE 2012**  
Chairmen: Alfredo Galassi, Catania, Italy; Craig Thompson, Yale, USA  
Panelists: Alexander Bufe, Wuppertal, Germany; Evald Christensen, Aarhus, Denmark; James Cotton, Wolverhampton, UK

13:45  Selective injection is safer  
Masahisa Yamane, Tokyo, Japan

13:55  Collateral “surfing” is better  
Sudhir Rathore, Frimley Park, UK

14:00  The Jury is out: Panel

**RECORDED LIVE CASES 9-10**

14:10  Two Cases using New Approaches  
CASE 9 – Presenter: James Spratt, Edinburgh, UK  
CASE 10 – Presenter: Alfredo Galassi, Catania, Italy

**MORTALITY AND QUALITY OF LIFE IMPROVEMENT IN CTO RECANALIZATION**

15:40  Current evidence  
Nick Palmer, Liverpool, UK

15:50  Evidence needed  
David Hildick-Smith, Brighton, UK

16:00  Final Remarks  
Gerald Werner, Darmstadt, Germany

**Euro CTO CLUB GENERAL ASSEMBLY**
EURO CTO CLUB

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Gerald S. Werner
Medizinische Klinik
Klinikum Darmstadt
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2. 80% relative risk reduction in definite VSTLST with BioMatrix Flex™
   VSTLST: they are stent thromboses

3. Reduction in definite VSTLST associated with fewer cardiac events

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Heinz Joachim Büttner, Germany
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Bernard Chevalier, France
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Mauro De Benedictis, Italy
Leszek Bryniarski, Poland
Carlo Di Mario, UK
Simon El Hadad, France
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Horst Sievert, Germany
James C. Spratt, UK
Didier Tchetche, France
Leif Thuesen, Denmark
Jaroslaw Wojcik, Poland

The Euro CTO Club cordially thanks the invited speakers for supporting the Workshop 2012 with their knowledge and expertise:

Asakura, Yasushi, Dr., Japan
Katoh, Osamu, Dr., Japan
Ochiai, Masahiko, Prof., Japan
Palmer, Nick, Dr., UK
Rathore, Sudhir, Dr., UK
Thompson, Craig, Prof., USA
Yamane, Masahisa, Dr., Japan

The Euro CTO Club gratefully acknowledges the contribution to the preparation of the factoids of:

Albert Alahmar, Dr., UK
Matteo Ghione, Dr., Italy
Kadiyre Kilyçkesmez, Dr., Turkey

CLuB MEMBERS

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Yamane, Masahisa, Dr., Japan

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Kadiyre Kilyçkesmez, Dr., Turkey
EURO CTO CLUB - STATISTICS

Euro CTO Club membership

Requirements: experience of 300 CTO and 50 / year

Online Registry n = 7673

EURO CTO CLUB - STATISTICS

Retrograde Approach/all CTO (all operators – 50% at < 10%)

% of all CTO

Success Antegrade vs Retrograde

<table>
<thead>
<tr>
<th>Year</th>
<th>Antegrade</th>
<th>Retrograde</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>81</td>
<td>70</td>
</tr>
<tr>
<td>2009</td>
<td>70</td>
<td>84</td>
</tr>
<tr>
<td>2010</td>
<td>79</td>
<td>87</td>
</tr>
<tr>
<td>2011</td>
<td>77</td>
<td>85</td>
</tr>
</tbody>
</table>

ante + retro 75%
EURO CTO CLUB - STATISTICS

Success Retrograde related to "acceptance"

- < 10% RA: 65
- > 10% RA: 82

Success Retrograde related to experience

- < 35 Cases: 64
- > 35 Cases: 84

EURO CTO CLUB - STATISTICS

Ante - versus Retrograde
2008 - 11

- Fluoro (min): Ante (36) vs. Retro (75)
- Procedure (min): Ante (88) vs. Retro (153)
- Dye (ml): Ante (256) vs. Retro (382)

Retrograde aproach

- Percent retrograde
- Excluded operators with <100 CTO/3years

by 12/2012 > 450

12/20 operators with > 10%
General Information

4th Experts "Live" Workshop 2012
September 21 - 22, 2012
London, United Kingdom

Venue
Grange Tower Bridge Hotel
45 Prescot Street | London E1 8GP | United Kingdom

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 conference desk.
The meeting is accredited by the European Board of Accreditation in Cardiology (EBAC).

Registration
750,00 € incl. VAT
350,00 € incl. VAT discounted rate for fellows*

The Registration for the Conference includes:
- Receipt of the badge of the conference bag
- Attendance of the conference proceedings
- Catering during the conference
- Receipt of the participation certificate

* Letter from supervisor needed at the time of registration

Online registration: www.eurocto2012.eu

Scientific Organisation
Carlo Di Mario, United Kingdom
Gerald S. Werner, Germany
Anthony Gershlick, United Kingdom
David Hildick-Smith, United Kingdom

Congress Organisation
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2) Virmani R., et al. A Newly Developed Rapamycin Coating Stent with a Biodegradable Polymer Reduces Neointimal Formation While Allowing Greater Endothelialization, JACC March 9, 2010, V.55, l.10A
3) Reifart N. Registry of a Rapamycin coated stent with biodegradable polymer in all comers. Internal Report. 2009

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