

# PROGRAMME

LEIPZIG  
INTERVENTIONAL  
COURSE

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Michael Lichtenberg

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Tuesday, January 30, 2018

## ROOM 2 - MAIN ARENA 2

- 08:00 – 09:30**     **Acute deep vein thrombosis**  
*MODERATOR:*  
Stephen Black  
**Michael Lichtenberg**  
*PANEL:*  
Jörn Dopheide  
Christian Erbel
- 08:00 – 08:10     Pharmacomechanical thrombolysis  
Jörn Dopheide
- 08:10 – 08:20     Catheter-directed thrombolysis  
Christian Erbel
- 08:20 – 08:30     Catheter treatment of DVT: What do the guidelines say?  
Via satellite from Zurich  
Rolf Engelberger
- 08:30 – 08:40     The ATTRACT study: View from the U.S. expert  
Erin Murphy
- 08:40 – 08:50     The ATTRACT study: View of a European expert  
Stephen Black
- 08:50 – 09:10     Live case transmission from Zurich  
UniversitätsSpital Zürich - Live case center
- 09:10 – 09:30     Live case transmission from Galway  
Galway University Hospital - Live case center

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## ROOM 2 - MAIN ARENA 2

11:00 – 12:30

### Venous stenting

*MODERATOR:*

Houman Jalaie

Robert Lookstein

*PANEL:*

**Michael Lichtenberg**

Christian Erbel

11:00 – 11:15

Live case transmission from Zurich

UniversitätsSpital Zürich - Live case center

11:15 – 11:30

Live case transmission from Galway

Galway University Hospital - Live case center

11:30 – 11:40

Clinical results of venous stents

**Michael Lichtenberg**

11:40 – 11:50

Clinical results of a dedicated May Thurner stent

Christian Erbel

11:50 – 12:00

Anticoagulation after stenting for acute deep vein thrombosis

Via satellite from Zurich

Rolf Engelberger

12:00 – 12:15

Live case transmission from Zurich

UniversitätsSpital Zürich - Live case center

12:15 – 12:30

Live case transmission from Galway

Galway University Hospital - Live case center

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## ROOM 6 - SPEAKERS' CORNER

- 13:30 – 15:00**      **Update on clinical trials and new data – PVD/ aortoiliac/ femoral**  
*MODERATOR:*  
Oliver Schlager  
*PANEL:*  
Theodosios Bisdas  
Marcus Thieme
- 13:30 – 13:35      Midterm outcome of the covered endovascular reconstruction of the aortic bifurcation (CERAB) technique for aortoiliac occlusive disease  
Kim Taeymans
- 13:35 – 13:40      The BeGraft study: A physician-initiated study investigating the BeGraft peripheral stent graft in the iliac arteries (final 24-month results)  
Koen Deloose
- 13:40 – 13:45      XTRACT as a potential frontline treatment in peripheral arterial thromboembolism – results from the multicenter PRISM trial  
George Adams
- 13:45 – 13:50      Impact of patient and lesion characteristics on drug coated balloon angioplasty of the femoro-popliteal artery – pooled analysis of four randomized controlled multicentre trials  
Thomas Albrecht
- 13:50 – 13:55      Local and distal ptx effect: pre-clinical results with different DCBs  
Raphael Coscas
- 13:55 – 14:00      Long term results of >200 patients with the Aperto® DCB from the Italian Aperto registry  
Matteo Tozzi
- 14:00 – 14:05      Interim report of the BIOFLEX-COF RCT, comparing high vs. low chronic outward force of nitinol stents in the SFA  
Martin Funovics
- 14:05 – 14:10      A French experience of ambulatory intervention for endovascular treatment of peripheral artery disease: a retrospective study  
Olivier Regnard
- 14:10 – 14:15      A randomised comparison of digital subtraction angiography and kinetic imaging  
Viktor Óriás

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|---------------|---|
| 14:15 – 14:20 | The influence of balloon inflation time in femoropopliteal and BTK angioplasty: a systematic review<br>Olaf Bakker  |
| 14:20 – 14:25 | Tibial velocities duplex ultrasound characterisation and validity of the ankle-deep femoral artery index in peripheral arterial disease<br>Gergana T. Taneva  |
| 14:25 – 14:30 | Use of Paclitaxel-Coated Luminor® balloon catheter in the superficial femoral and popliteal arteries – the solo DEB registry<br>Marcus Thieme   |
| 14:30 – 14:35 | BIOFLEX – PEACE registry 24-month analysis<br>Claus Nolte-Ernsting  |
| 14:35 – 14:40 | The Münster all-comers registry of Eluvia drug-eluting stent: 1-year outcomes<br>Theodosios Bisdas  |
| 14:40 – 14:45 | BATTLE RCT. Bare metal stent vs. drug eluting stent for SFA intermediate lesions. 6-month results<br>Yann Gouëffic  |
| 14:45 – 14:50 | Interim 30-day analysis from the KANSHAS 1 study of the novel KANSHAS drug coated balloon for treatment of femoropopliteal occlusive disease; a latest first-in-human study<br><b>Michael Lichtenberg</b> |
| 14:50 – 14:55 | Peripheral aneurysm coiling using large volume ruby coils: Results from the multicenter ACE registry<br>Jos van den Berg  |
| 14:55 – 15:00 | Discussion and conclusion   |

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## ROOM 1 - MAIN ARENA 1

- 15:00 – 16:30**      **SYMPOSIUM: Going further with drug eluting technology in peripheral arterial disease: From SFA to below the knee challenges.**  
supported with an educational grant from Boston Scientific  
*MODERATOR:*  
Dierk Scheinert  
*PANEL:*  
Marc Sapoval  
Hans van Overhagen  
Jihad Mustapha
- 15:00 – 15:03      Opening and learning objectives  
Dierk Scheinert
- 15:03 – 15:10      Current data and performance of drug eluting technology in SFA  
**Michael Lichtenberg**
- 15:10 – 15:17      BTK intervention with drug coated balloons. Past lessons and future exploration  
Marc Sapoval
- 15:17 – 15:47      Live case transmission from Leipzig  
University Hospital Leipzig, Dep. Angiology - Live case center
- 15:47 – 15:54      Drug eluting stents in BTK intervention – a review  
Hans van Overhagen
- 15:54 – 16:01      Next steps in drug eluting stent for BTK intervention  
Jihad Mustapha
- 16:01 – 16:08      Clinical targets and patient outcome goals in BTK intervention  
Roberto Ferraresi
- 16:08 – 16:25      Panel discussion
- 16:25 – 16:30      Closing remarks  
Dierk Scheinert

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## ROOM 2 - MAIN ARENA 2

- 15:00 – 16:30**      **SYMPOSIUM: Nightmares in the cathlab – My worst case and how I solved it**  
supported with an educational grant from Terumo  
*MODERATOR:*  
Koen Deloose  
*PANEL:*  
Yann Gouëffic  
Andrea Kahlberg
- 15:00 – 15:05      Introduction  
Koen Deloose
- 15:05 – 15:25      SFA with distal embolization case  
Koen Deloose
- 15:25 – 15:45      FP cases  
Yann Gouëffic
- 15:45 – 16:05      BTK CLI cases  
**Michael Lichtenberg**
- 16:05 – 16:25      CAS cases  
Andrea Kahlberg
- 16:25 – 16:30      Conclusions  
Yann Gouëffic

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## ROOM 3 - TECHNICAL FORUM

- 15:00 – 16:30**      **SYMPOSIUM: Minimal is optimal in SFA therapy, reducing metal burden**  
supported with an educational grant from BIOTRONIK  
*MODERATOR:*  
Jos van den Berg  
*PANEL:*  
Claus Nolte-Ernsting  
Lieven Maene
- 15:00 – 15:05      Introduction by the moderator  
Jos van den Berg
- 15:05 – 15:15      BIOLUX P-III: Passeo-18 Lux all-comers registry: 12-month results for the all-comers cohort  
Gunnar Tepe
- 15:15 – 15:25      BIOFLEX PEACE: Pulsar-18 all-comers registry: 12- and 24-month results  
**Michael Lichtenberg**
- 15:25 – 15:45      Live case transmission from Berlin  
Sankt-Gertrauden-Hospital Berlin - Live case center
- 15:45 – 15:55      BIOLUX 4EVER: Combining Passeo-18 Lux DCB and Pulsar-18 BMS: 12-month results of full cohort  
Koen Deloose
- 15:55 – 16:15      Live case transmission from Leipzig  
University Hospital Leipzig, Dep. Angiology - Live case center
- 16:15 – 16:25      BIOTRONIK REACT: REsponse Adapted Combination Therapy: When and where to stent – concept for  
a pilot study  
Patrice Mwipatayi
- 16:25 – 16:30      Closing by the moderator  
Jos van den Berg

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### ROOM 1 - MAIN ARENA 1

- 13:30 – 15:00**      **Symposium: Lutonix® Drug Coated Balloon – Evidence in SFA, BTK, and AV**  
supported with an educational grant from C. R. BARD  
*MODERATOR:*  
Dierk Scheinert  
*PANEL:*  
Aloke Finn  
Scott Trerotola  
Luis Mariano Palena  
Kate Steiner  
Martin Banyai
- 13:30 – 13:35      Introduction
- 13:35 – 13:45      Are all DCBs the same?  
Aloke Finn
- 13:45 – 13:55      Treatment of TASC C & D lesions with DCB  
Martin Banyai
- 13:55 – 14:05      Is DCB treatment right for below-the-knee patients?  
**Michael Lichtenberg**
- 14:05 – 14:15      Management of recurring infrapopliteal disease in diabetic patients with critical limb ischemia – a single center experience  
Luis Mariano Palena
- 14:15 – 14:25      Long term benefit effects of Lutonix 035 DCB  
Scott Trerotola
- 14:25 – 14:35      The role of Lutonix DCB in AV fistula dysfunction management in our practice  
Kate Steiner
- 14:35 – 14:45      DCB outcomes in real world patients with restenotic AV fistula  
Panagiotis Kitrou
- 14:45 – 15:00      Live case transmission from Leipzig  
University Hospital Leipzig, Dep. Angiology - Live case center

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## ROOM 5 - GLOBAL EXPERT EXCHANGE

- 13:30 – 14:15**      **Expert opinion on deep venous stenting – patient selection, technique, and clinical outcomes**  
supported with an educational grant from Boston Scientific  
*MODERATOR:*  
Stephen Black  
*PANEL:*  
**Michael Lichtenberg**  
Olivier Hartung
- 13:30 – 13:35      Introduction
- 13:35 – 13:45      Venous stenting experience in Arnsberg  
**Michael Lichtenberg**
- 13:45 – 13:55      Venous stenting experience in Modena – video presentation  
Video presentation  
Marzia Lugli
- 13:55 – 14:05      Venous stenting experience in Marseille  
Olivier Hartung
- 14:05 – 14:15      Discussion and conclusion

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## ROOM 7 - SPEAKERS' CORNER

13:30 – 14:30

### Selected abstracts original research – SFA/femoral

*MODERATOR:*

Ralf Langhoff

*PANEL:*

Ulrich Speck

George Adams

13:30 – 13:35

Safety and efficacy of distal superficial femoral artery puncture for femoropopliteal occlusive lesions; result from the multicenter REVERSide registry

Tatsuya Nakama

13:35 – 13:40

Rotational thrombectomy (Rotarex®) for (sub)acute limb ischemia– a safe approach also in patients with diabetes mellitus?

Matthias Dufner

13:40 – 13:45

The randomised Freeway stent study completed the 12-month follow up and favors the use of drug-eluting balloons over plain balloons for the postdilatation of nitinol stents in the SFA and PI segment to lower restenosis rate

Stefan Müller-Hülsbeck

13:45 – 13:50

The use of a Colapinto TIPS needle under cone-beam CT guidance for true lumen re-entry in subintimal recanalization of chronic iliac artery occlusion

Huei-Lung Liang

13:50 – 13:55

A pilot study of femoropopliteal artery revascularisation with Orchid DCB: Short-term results from a single center

Shen Chenyang

13:55 – 14:00

Drug-coated balloons: Impact of the balloon structure on drug transfer

Ulrich Speck

14:00 – 14:05

Comparison of primary long stenting versus primary short stenting for long femoropopliteal artery disease (PARADE): A randomised controlled multicenter trial

Young-Guk Ko

14:05 – 14:10

Distal hybrids – an option in long SFA CTO accompanied by severely compromised crural runoff

Pavel Kuryanov

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## Wednesday, January 31, 2018

- |               |  |
|---------------|--|
| 14:10 – 14:15 | Endovascular revascularisation of native femoropopliteal arteries after bypass graft failure for limb salvage<br>Daniel Raskin   |
| 14:15 – 14:20 | Difference of tissue characters of early and late femoropopliteal in-stent restenosis evaluated by high resolution intravascular imaging, optical coherence tomography<br>Amane Kozuki |
| 14:20 – 14:25 | Treatment of femoropopliteal atherosclerotic lesions using the Ranger paclitaxel-coated balloon catheter – 12-month results from an all-comers registry<br><b>Michael Lichtenberg</b>  |
| 14:25 – 14:30 | Discussion and conclusion  |

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## ROOM 5 - GLOBAL EXPERT EXCHANGE

14:15 – 16:00

### DEEP DIVE SESSION: Endovenous therapies – Part I

*MODERATOR:*

Nils Kucher  
Stephen Black

*PANEL:*

Steven Kum  
Rick de Graaf

14:15 – 14:39

### FOCUS ON IVC FILTERS

14:15 – 14:22

Pros and cons of IVC filter implantation: What are the established indications?

Robert Lookstein

14:22 – 14:27

Challenging case: Massive thromboembolism trapped in IVC filter during total hip replacement arthroplasty

Yang Jin Park

14:27 – 14:34

Tips and tricks for challenging and complex IVC filter

Fakhir Elmasri

14:34 – 14:39

To worry or not to worry with a ruptured inferior vena cava post IVC filter removal

Christopher Stout

14:39 – 16:00

### FOCUS ON DEEP VEIN RECANALISATION

14:39 – 14:46

CTV vs. MRV for imaging of venous disease

Jos van den Berg

14:46 – 15:01

Recorded case presentation

Nils Kucher

15:01 – 15:08

Assessing the CFV – do I need to perform an endophlebectomy or not

Antonio Rosales

15:08 – 15:15

Where to include IVUS in optimal venous diagnostic treatment pathway

Erin Murphy

15:15 – 15:22

Radiation dose in venous procedures how do we actively reduce this

Gerard O'Sullivan

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- |               |  |
|---------------|--|
| 15:22 – 15:29 | Is there a place for endovascular therapy of acute venous thrombosis after ATTRACT?<br>Oliver Schlager             |
| 15:29 – 15:36 | Single session pharmaco-mechanical venous thrombectomy – how to do it!<br>Gerard O'Sullivan                        |
| 15:36 – 15:43 | Evidence on mechanical thrombectomy for iliofemoral DVT<br><b>Michael Lichtenberg</b>                              |
| 15:43 – 15:50 | Assessing adequate clot removal after lysis – when are you done and decision making in what stent<br>Stephen Black |
| 15:50 – 16:00 | Discussion and conclusion  |

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## ROOM 5 - GLOBAL EXPERT EXCHANGE

- 16:00 – 17:30**      **Deep dive session: Endovenous therapies – Part II**  
*MODERATOR:*  
Gerard O'Sullivan  
Erin Murphy  
*PANEL:*  
Raghu Kolluri  
Matthias Ulrich  
Karin Brachmann
- 16:00 – 16:46      TOWARDS NEW VENOUS STENT DESIGNS: A DEVICE PARADE
- 16:00 – 16:05      VIVO EU and VIVO US: experience with the ZILVER VENA stent  
Gerard O'Sullivan
- 16:05 – 16:10      Building clinical evidence: Update on the ABRE study  
Stephen Black
- 16:10 – 16:15      VENOVO® Venous stent – Update on the Vernacular trial  
Houman Jalaie
- 16:15 – 16:20      Patency rates and clinical results of the Venovo venous stent in a real world registry  
**Michael Lichtenberg**
- 16:20 – 16:25      Patency rates and clinical results of the Veniti VICI stent for the treatment of iliac vein lesion  
**Michael Lichtenberg**
- 16:25 – 16:30      The bifurcation stent: Sinus obliquus  
Torsten Fuß
- 16:30 – 16:37      Matching the right venous stent to your patient and their individual anatomy  
Ramon Varcoe
- 16:37 – 16:44      How to use anatomical landmarks only to precisely position left common iliac venous stents at the IVC confluence  
Gerard O'Sullivan
- 16:44 – 16:51      Re-intervention in venous stents – causes, identification, and solution  
Rick de Graaf
- 16:51 – 17:30      FOCUS ON SUPERFICIAL VENOUS DISEASE

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| 16:51 – 16:58 | Diagnostic workup prior to ablation therapy of superficial venous disease<br>Anina Lukhaup    |
| 16:58 – 17:05 | VeClose trial: Cyanoacrylate closure vs. RF ablation 36-month results<br>Tobias Hirsch        |
| 17:05 – 17:12 | Laser technology: latest developments<br>Matthias Ulrich                                      |
| 17:12 – 17:19 | Managing the challenging patient: Ancillary procedures for complex anatomies<br>Raghu Kolluri |
| 17:19 – 17:30 | Panel discussion  |

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Thursday, February 01, 2018

## ROOM 1 - MAIN ARENA 1

- 09:30 – 11:00**      **Symposium: The role of purely mechanical debulking in thrombus containing lesions in arteries and veins**  
supported with an educational grant from Straub Medical  
*MODERATOR:*  
Gerard O'Sullivan  
*PANEL:*  
Bruno Migliara  
Miroslav Bulvas  
Romaric Loffroy  
Steven Kum
- 09:30 – 09:33      Introduction
- 09:33 – 09:40      ISR-treatment – The Leipzig experience with purely mechanical debulking  
Sven Bräunlich
- 09:40 – 10:00      Live case transmission from Leipzig  
University Hospital Leipzig, Dep. Angiology - Live case center
- 10:00 – 10:07      Mechanical debulking in bypass occlusions – very fast and highly effective  
Bruno Migliara
- 10:07 – 10:27      Live case transmission from Leipzig  
University Hospital Leipzig, Dep. Angiology - Live case center
- 10:27 – 10:34      Setting up a deep venous service in your hospital  
Gerard O'Sullivan
- 10:34 – 10:41      Our patients with acute proximal DVT – Effective thrombus removal with purely mechanical  
thrombectomy can lead to better outcomes  
**Michael Lichtenberg**
- 10:41 – 11:00      Discussion and conclusion

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Thursday, February 01, 2018

## ROOM 4 - DISCUSSION FORUM

- 10:00 – 10:45**      **BARD innovations**  
supported with an educational grant from C. R. BARD  
*MODERATOR:*  
Eric Ducasse  
*DISCUSSANT:*  
Bart Dolmatch
- 10:00 – 10:02      Introduction
- 10:02 – 10:12      Single center patency rates and clinical results of the VENOVO® venous stent in complicated cases  
**Michael Lichtenberg**
- 10:12 – 10:22      The role of COVERA™ vascular covered stent in the management of dysfunctioning AV access  
Bart Dolmatch
- 10:22 – 10:32      Expanding the treatment options of atherosclerotic lesions in femoral arteries with COVERA PLUS™  
Massimiliano Di Primio
- 10:32 – 10:42      A look at focused force in calcified lesions  
Ralf Langhoff
- 10:42 – 10:45      Discussion and conclusion

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## ROOM 5 - GLOBAL EXPERT EXCHANGE

- 12:30 – 13:30**      **Lunch symposium: BioMimics 3D®: The importance of Swirling Flow® in treating atherosclerosis and preventing restenosis in femoropopliteal arteries**  
supported with an educational grant from Veryan  
*MODERATOR:*  
Gary Ansel  
*PANEL:*  
Timothy Sullivan  
**Michael Lichtenberg**
- 12:30 – 12:35      Introduction by the moderator
- 12:35 – 12:45      The science behind Swirling Flow®  
Timothy Sullivan
- 12:45 – 12:55      1-year results from the MIMICS-2 study  
Via satellite from Bad Krozingen  
Thomas Zeller
- 12:55 – 13:05      Two techniques to limit restenosis – drugs and Swirling Flow®  
Gary Ansel
- 13:05 – 13:15      BioMimics 3D in my clinical practice  
**Michael Lichtenberg**
- 13:15 – 13:30      Discussion

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## ROOM 3 - TECHNICAL FORUM

- 13:30 – 17:00**      **Focus session: Pioneering techniques for critical limb ischemia and “no option patients”**  
*LIVE WITH:*  
John Rundback  
Andrej Schmidt  
Marco Manzi  
Thomas Zeller  
*MODERATOR:*  
Peter Schneider  
Jos van den Berg  
*PANEL:*  
Marianne Brodmann  
Makoto Utsunomiya  
Steven Kum
- 13:30 – 13:36      Aetiology of CLI and the role of perfusion  
Jim A. Reekers
- 13:36 – 13:42      Zero contrast procedures, myth or reality? Pre-interventional workup with no-contrast MR angiography followed by CO<sub>2</sub> angiography  
Jos van den Berg
- 13:42 – 13:48      Priority registry (poor-risk patients with and without revascularisation therapy for critical limb ischemia)  
Osamu Iida
- 14:20 – 14:26      Objective assessment of CLI patients: What about hemodynamic parameters – are they worth anything especially when it comes to end stage no option patients!  
Marianne Brodmann
- 14:26 – 14:32      Change from vessel patency evaluation to evaluation of foot perfusion  
Via satellite from Abano Terme  
Marco Manzi
- 14:32 – 14:38      OMNIA Case Results: Lumea Oxygen measurements representative for CLI wound healing prognosis  
Martin Werner
- 15:10 – 15:16      BTK crossing techniques for the “uncrossable lesion”  
Tatsuya Nakama

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| 15:16 – 15:22 | Immediate and late outcomes of endovascular treatment in Buerger's disease<br>Young-Guk Ko                         |
| 15:22 – 15:28 | Hybrid arterialization of the venous system in no-option patients with critical limb ischemia<br>Roberto Ferraresi |
| 16:00 – 16:06 | The LimFlow procedure – technical details and current clinical experience in Europe<br><b>Michael Lichtenberg</b>  |
| 16:06 – 16:16 | Recorded case presentation<br>Daniel van den Heuvel  |
| 16:16 – 16:22 | Perspective on initial LimFlow experience in the US<br>Peter Schneider   |
| 16:54 – 17:00 | Update on current developments in gene and cell therapy for CLI<br>Sigrid Nikol                                    |

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