Industry support

We would like to sincerely thank the following companies for their generous support of LINC 2014.

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The Venue

Trade Fair Leipzig, Hall 4
Messe Allee 1
04356 Leipzig, Germany

www.leipziger-messe.de

Congress Production

PROVASCULAR

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91336 Heroldsbach
Germany

www.provascular.de

Congress Organisation

CONGO

Congress Organisation and More GmbH
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Romanstraße 60
80639 München
Germany

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LEIPZIG INTERVENTIONAL COURSE 2014

January 28 – 31, 2014

Trade Fair Leipzig, Hall 4
Messe-Allee 1, 04356 Leipzig, Germany

Course Directors
Dierk Scheinert
Giancarlo Biamino
Andrej Schmidt
Gerhard Schuler
Friedrich Wilhelm Mohr

www.leipzig-interventional-course.com
The Leipzig Interventional Course is committed to advancing the scientific and clinical evaluation and treatment of patients with complex vascular disease through an interdisciplinary discussion of novel endovascular techniques.

LINC is a comprehensive and international live course designed to foster collaboration between colleagues of differing specialities and to promote the understanding and development of endovascular therapies that can be incorporated into daily clinical practice.

The involvement of leading interventional centers from Europe, North, and South America as live transmission sites, as well as the presence of interventional experts as guest operators in our cathlabs and operating rooms will provide a broad coverage of different interventional approaches and techniques.

The organisers of the course and the members of the faculty would like to welcome you to the LEIPZIG INTERVENTIONAL COURSE 2014.
The Venue

Trade Fair Leipzig, Hall 4
Messe-Allee 1
04356 Leipzig, Germany
www.leipziger-messe.de

Main Arena 1

Full day programme with state of the art lectures, clinical trial reviews and controversial, interdisciplinary debates, alternating with numerous live case demonstrations highlighting current interventional challenges and new technologies.

Main Arena 2

The Main Arena 2 will have a capacity of approximately 700 seats and the programme will focus on endovascular aortic interventions and other fields of endovascular surgery.

Technical Forum

The programme in this room with a capacity of approximately 500 seats, is dedicated to detailed discussions of featured live and recorded cases and interdisciplinary debates.

Discussion Forum

This amphitheatre-style room has a capacity of approximately 200 seats and will feature sessions with specific technical focus, as well as on controversial interdisciplinary debates.

Global Expert Exchange Forum

Renowned experts from around the globe will present challenging case reviews. Region-specific experiences and techniques will be discussed with an interdisciplinary faculty. The programme will be supported with selected pre-recorded and live cases.

LINC Asia-Pacific

In 2013, LINC Asia-Pacific was arranged for the fifth time, attracting 788 attendees from the Asia-Pacific region. LINC Asia-Pacific 2014 will take place from March 17–19, 2014, at the AsiaWorld-Expo in Lantau, Hong Kong. LINC Asia-Pacific will focus on the demonstrations of interventional techniques, presenting multiple live cases and interdisciplinary discussions.

Visit the LINC Asia-Pacific website at

Global Expert Exchange Forum

In response to the growing international diversity in attendance at LINC, we created a new platform, called the Global Expert Exchange Forum, to help to better understand the background of region-specific experiences and techniques, also incorporating selected pre-recorded and live cases.

LINC 2014 has an extended call for complications and call for abstracts. Each day of the course, the new platform will offer young doctors the opportunity to present their scientific work to a truly international and interdisciplinary audience.

Nurse session @ LINC

For the second time @ LINC, we will offer a nurse session. The content is developed in cooperation with cath lab personal in order to provide a maximum correlation to daily routine.

Basic techniques in peripheral interventions
- Treating femoropopliteal lesion
- Infrapopliteal recanalisation
- Carotid artery stenting procedures
- Hybrid procedures

Emerging technologies
- Usage of drug-eluting stents and balloons
- Reentry devices for CTOs and retrograde recanalisation
- Endovascular treatment of chronic venous insufficiency
- Renal denervation therapy

Before and after an endovascular procedure
- Vascular diagnostics prior to intervention
- Closure devices
- Medical therapy after angioplasty or stenting

Limb salvage
- Chronic limb ischemia – preventing amputations
- The diabetic foot syndrome – an interdisciplinary challenge
- Acute limb ischemia – therapeutic options

The format will allow an informal discussion with participation of the audience after each theme complex. A round table will enable you to ask questions and get the answers you do not get anywhere else. Do not miss, get interactive in the nurse session @ LINC.
Live case transmission

During LINC 2014 more than 90 live cases will be performed from 10 international centers. All live case transmissions are coordinated, filmed, and produced by the mediAVentures crew, using the latest in high definition television and wireless technology.

- Park Hospital and Heart Center Leipzig, Leipzig, Germany
- Sankt-Gertrauden-Hospital in cooperation with Vascular Center Berlin, Berlin, Germany
- St. Franziskus Hospital, Münster, Germany
- Herzzentrum Bad Krozingen, Bad Krozingen, Germany
- Universitätsspital Schweizer Herz- und Gefässzentrum, Bern, Switzerland
- University Heidelberg, Heidelberg, Germany
- Villa Maria Eleonora Hospital, Palermo, Italy
- Galway University Hospitals, Galway, Ireland
- OhioHealth Research Institute, Columbus, USA
- Sao Paulo Vascular and Endovascular Surgery Institute, Sao Paulo, Brazil
- Onze-Lieve-Vrouweziekenhuis, Aalst, Belgium

LINC 2014 COLLABORATIONS

In 2014 we are very happy to continue extending our international collaboration with leading vascular courses:

CX @ LINC 2014
Sharing the vision of interdisciplinary collaboration as the basis of innovation and patient care, we are proud to continue our productive partnership with the Charing Cross meeting by providing a dedicated CX@LINC programme. The involved faculty will discuss controversial topics, challenge the evidence and take part in a series of head-to-head debates to reach a consensus after discussion.

VIVA @ LINC 2014
VIVA – one of the leading multidisciplinary endovascular courses in the United States has defined excellence in professional education in the field of vascular medicine over the years. As part of a close collaboration, we are very happy to introduce live cases broadcasted from featured VIVA live sites.

VIVA @ LINC: Strategies on the frontline
This is a case-based, real world session focusing on what we like best … real cases with challenges and complications that make the experts sweat.
In this amphitheater setting, audience participation is encouraged and step-by-step case management is featured and discussed.

TCT @ LINC 2014
Over more than twenty years Transcatheter Cardiovascular Therapeutics is one of the leading cardiovascular live courses worldwide. With its special focus on cutting edge interventional approaches and technologies, TCT is highly committed to advancing scientific evidence.

Don’t miss the exciting Deep Dive sessions on selected topics, as well as the TCT main session on pioneering techniques and future perspectives in endovascular interventions „Leaving no metal behind” – the concept for the future?

CICE @ LINC 2014
CICE has established itself as the leading scientific conference in Latin America, exclusively dedicated to update and training in the different areas of application of Endovascular Therapy. The CICE meeting, has gained recognition for its innovative and creative features, its scientific commitment and interactive classes, packed with scientific and technological innovations, delivered by some of the world best experts in the field.
LINC 2014 – Accreditations and Endorsements

- The Sächsische Landesärztekammer with 24 CME points.  
  www.slaek.de
- The Swiss Society for Angiology with 28 CME points.  
  www.angioweb.ch
- The Dutch Association for Vascular Surgery with 20 accreditation points in Category I  
  www.vaatchirurgie.nl

LINC 2014 is under the patronage of:
- The German Cardiac Society  
  www.dgk.org
- The German Society for Angiology  
  www.dga­gefaessmedizin.de
- The German Society of Vascular Surgery  
  www.gefaesschirurgie.de

LINC 2014 is endorsed by:
- ISET  
  The International Symposium on Endovascular Therapy  
  www.iset.org
- VIVA  
  The National Education Course for Vascular Intervention and Medicine  
  www.vivapvd.com
- The Italian Society of Vascular and Endovascular Surgery  
  www.sicve.it
- The Belgian Society for Vascular Surgeons  
  www.belsurg.org
- ESCVS  
  The European Society of CardioVascular and EndoVascular Surgery  
  www.escvs2014.com

LINC 2013 had a multidisciplinary attendance of 4,028 participants from more than 70 countries. Please visit our website for more details.

LINC 2013 STATISTICS

- Angiologists/Cardiologists: 45%
- Interventional Radiologists: 27%
- Vascular Surgeons: 18%
- Health Care Professionals: 10%

Get the updated LINC 2014 app for iPhone, iPad, and iPod!

**Programme**
- Sort the LINC programme by day, room, or faculty member and view selected lectures the following day.

**Live Cases**
- Sort the LINC live cases by day, center, or operator and review your favorite live cases the following day.

**Faculty**
- Find the schedule of your favourite faculty members and view LINC-produced interviews.

At LINC 2014 we are presenting the updated congress app. The app is showing the entire course programme, including the live case guide, list of all faculty members and sponsors/exhibitors and other helpful information around LINC 2014. The app features an “add to my calender”-tool to create your own LINC schedule, as well as a very convenient filter to find your points of interest faster. The most exciting feature of the app is the presentation of the live cases, selected sessions and interviews of each day of the congress with the possibility to view them again the following day.

Internet access is available for free in the exhibit area:


This app was made possible by the friendly and generous support of...
Registration desk
Westin Hotel
Monday, January 27, 15:00 – 20:00

On Monday afternoon you have the possibility to pick up your badge/register at the Westin Hotel.

Registration desk
Venue
The registration desks are located in Entrance Hall East and will be open on:
- Tuesday, January 28, 07:00 – 18:00
- Wednesday, January 29, 07:00 – 18:00
- Thursday, January 30, 07:30 – 18:00
- Friday, January 31, 08:30 – 12:00

Exhibit hours
- Tuesday, January 28, 08:00 – 18:00
- Wednesday, January 29, 08:00 – 18:00
- Thursday, January 30, 08:00 – 18:00
- Friday, January 31, 09:00 – 12:00

Your name badge must be worn at all times for admittance to all LINC 2014 sessions, including the exhibit area. No new badge will be printed in case of loss. No exceptions will be made.

Internet access
Internet is available for free in the exhibit area during the entire duration of the congress. Network: CCL, Username: p51146, Password: linc2014

Media restrictions
LINC strictly prohibits videotaping or recording any of the scientific sessions and live cases in the plenary rooms. Attendees with cameras will be asked to turn them off and put them away.

NEW: LINC 2014 app for iPhone, iPad, and iPod
At LINC 2014 we are presenting the new congress app. This new app is showing the entire course programme, including the live case guide, list of all faculty members and sponsors/exhibitors and other helpful information around LINC 2014. The app features an “add to my calender”- tool to create your own LINC schedule, as well as a very convenient filter to find your points of interest faster. The most exciting feature of the app is the presentation of the live cases and interviews of each day of the congress with the possibility to view them again the following day.

Official Airline Partner
Special offer with Lufthansa – discounted travel for LINC 2014 attendees. Lufthansa German Airlines offers a comprehensive global route network, linking Leipzig with major cities around the world. Please visit our website to get more information.

Information desk
For your convenience we have arranged for an information desk in hall 4. You will be able to obtain information/make reservations regarding local restaurants, hotels, ticket sales, etc.

Restaurant
At LINC 2014 you have the opportunity to visit our restaurant right next to hall 4. The restaurant offers a self service counter for beverages and snacks, as well as a „full service area” for lunch, serving a variety of hot and cold dishes every day of the congress.

Social dinner
Tickets for our social dinner in the Moritzbastei on Thursday, January 30, 2014, can be purchased at the registration desk from Wednesday afternoon until Thursday on a first comes – first serves basis.

Medtronic Pavilion
Join Medtronic for an interactive experience and get the opportunity to learn about future innovations and provide feedback to our engineering team on design and new treatment options.

Abbott Vascular Innovations Pavilion
At LINC 2014, Abbott Vascular’s Innovations Pavilion will offer you the opportunity to test the latest technology in hands-on sessions and expert meetings. Experience and challenge therapeutic strategies with experts in an interactive case format and interact on access management, stent design, guide wire techniques and large hole closure.

Gore & Associates Pavilion
Gore invites you to the Gore & Associates Pavilion!
Gore invites you to the Gore & Associates Pavilion! Take the opportunity to meet with Gore & Associates to discuss product updates and latest clinical data related to the Aortic and Peripheral product portfolio. Discover the latest advancements in simulation based training: join our virtual simulator sessions to experience real patient-specific cases on TAA and AAA stenting, including the deployment of the new GORE® EXCLUDER® Iliac Branch Endoprosthesis. These state-of-the-art methods allow physicians to practice for the purpose of enhancing pre-case planning and advancing medical education.

Enjoy the networking space to meet your colleagues or consult the LINC program and other features at our iPad stations.
INVITED FACULTY

Stephan Duda, Interventional Radiologist, Berlin, Germany
Olivier Dudeck, Interventional Radiologist, Magdeburg, Germany
Dariusz Dudek, Cardiologist, Krakow, Poland
Michael Edmonds, Diabetologist, London, The United Kingdom
Andrzej Erngis, Cardiologist, Riga, Latvia
Fabrizio Fanelli, Interventional Radiologist, Bern, Switzerland
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Bruno Freitas, Vascular Surgeon, Leipzig, Germany/Petrolina, Brazil
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Jan Peter Goltz, Interventional Radiologist, Lübeck, Germany
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William Gray, Cardiologist, New York, USA
Andreas Gussmann, Vascular Surgeon, Bad Saarow, Germany
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John Hardman, Interventional Radiologist, Bath, The United Kingdom
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Stephan Hausig, Cardiologist, Leipzig, Germany
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Samuel Heller, Cardiologist, Prague, Czech Republic
Thomas Heller, Interventional Radiologist, Rostock, Germany
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Ulrich Hoffmann, Angiologist, Munich, Germany
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Peter Huppert, Interventional Radiologist, Darmstadt, Germany
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James Joyce, Cardiologist, Mountain View, USA
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Markus Steinbauer, Vascular Surgeon, Regensburg, Germany
Sabine Steiner, Angiologist, Wien, Austria
Hermann Steinkamp, Radiologist, Hoyerswerda, Germany
Martin Storck, Vascular Surgeon, Karlsruhe, Germany
Attila Szabó, Vascular Surgeon, Budapest, Hungary
Ulf Teichgräber, Interventional Radiologist, Jena, Germany
Corey Teigen, Interventional Radiologist, Fargo, USA
Movers Tembulatow, Dermatologist, Greifswald, Germany
Matthias Tenholt, Vascular Surgeon, Mannheim, Germany
Gunnar Tepe, Interventional Radiologist, Rosenheim, Germany
Jörg Teßarek, Vascular Surgeon, Münster, Germany
Matt Thompson, Vascular Surgeon, London, The United Kingdom
Jonel Trebicka, Gastroenterologist/Hepatologist, Bonn, Germany
Marcus Treitl, Interventional Radiologist, Munich, Germany
Santi Trimarchi, Vascular Surgeon, San Donato Milanese, Italy
Dhiraj Tripathi, Interventional Radiologist, Birmingham, The United Kingdom
Konstantinos Tsiofs, Cardiologist, Athens, Greece
Matthias Ulrich, Angiologist, Leipzig, Germany
Jose Urbano, Interventional Radiologist, Madrid, Spain
Kazushi Urasawa, Cardiologist, Sapporo, Japan
Jos van den Berg, Interventional Radiologist, Lugano, Switzerland
Danyel van den Heuvel, Interventional Radiologist, Utrecht, The Netherlands
Marc van Sanbeek, Vascular Surgeon, Eindhoven, The Netherlands
Ramon Varcoe, Vascular Surgeon, Sydney, Australia
Petr Varejka, Cardiologist, Angiologist, Prague, Czech Republic
Frank Veith, Vascular Surgeon, New York, USA
Hence Verhagen, Vascular Surgeon, Rotterdam, The Netherlands
Eric Verhoeven, Vascular Surgeon, Nürnberg, Germany
Fabio Verzini, Vascular Surgeon, Perugia, Italy
Renu Virmani, Pathologist, Gaithersburg, USA
Britta Vogel, Cardiologist, Heidelberg, Germany
Peter von Bilderling, Angiologist, Munich, Germany
Oliver Vonend, Nephrologist, Düsseldorf, Germany
Eva von Hodenberg, Angiologist, Bad Krozingen, Germany
Patrick Vriens, Vascular Surgeon, Tilburg, The Netherlands
Craig Walker, Cardiologist, Lafayette, USA
Eberhard Wedell, Cardiologist, Bad Neustadt, Germany
Michael Werk, Interventional Radiologist, Berlin, Germany
Martin Werner, Angiologist, Vienna, Austria
Cees Wittens, Vascular Surgeon, Maastricht, The Netherlands
Hiroyoshi Yokoi, Cardiologist, Kitakyusyu, Japan
Marwan Youssef, Vascular Surgeon, Mainz, Germany
ASSOCIATED FACULTY

George Adams, Interventional Cardiologist, Wake Forest, USA
Juan Ayerdi, Vascular Surgeon, Macon, USA
Ali Azizzadeh, Vascular Surgeon, Houston, USA
J. Michael Bacharach, Cardiologist, Sioux Falls, USA
Robert Beasley, Interventional Radiologist, Miami, USA
Nicholas Boyne, Vascular Surgeon, Brisbane, Australia
Brian de Rubertis, Vascular Surgeon, Los Angeles, USA
Utpal Desai, Vascular Surgeon, Daytona Beach, USA
Eric Dippel, Interventional Cardiologist, Davenport, USA
Suhail Dohad, Interventional Cardiologist, Beverly Hills, USA
Alvaro Escobar, Cardiologist, Medellin, Colombia
Wei-ku Fu, Vascular Surgeon, Shanghai, China
Delair Gardi, Cardiologist, Detroit, USA
Jon George, Interventional Cardiologist, Philadelphia, USA
Mark Goodwin, Interventional Cardiologist, Naperville, USA
Talal Hamdan, Interventional Cardiologist, Tampa, USA
Ali Azizzadeh, Vascular Surgeon, Boston, USA
Shigeo Ichihashi, Interventional Radiologist, Kashihara, Japan
Daizo Kawasaki, Interventional Cardiologist, Osaka, Japan
Jae-Kyu Kim, Interventional Radiologist, Seoul, Korea
Shunichi Kondo, Cardiac Surgeon, Iwaki City, Fukushima, Japan
Samir Koussayer, Vascular Surgeon, Riyadh, Saudi Arabia
Richard Kovach, Interventional Cardiologist, Moorhead, USA
Wei Liang, Vascular Surgeon, Shanghai, China
Evan Lipsitz, Vascular Surgeon, New York, USA
Ignacio Leal Lorenzo, Vascular Surgeon, Toledo, Spain
Eduardo Loureiro, Vascular Surgeon, Petrópolis, Brazil
Philipp Lurz, Cardiologist, Leipzig, Germany
Huey McDaniel, Vascular Surgeon, Jackson, USA
Guilherme Vieira Meirelles, Vascular Surgeon, Campinas, Brazil
Charles Mooney, Vascular Surgeon, Lawrenceville, USA
Jose Antonio Munoz, Vascular Surgeon, Tuxtla Gutierrez, Mexico
Parag J. Patel, Interventional Radiologist, Milwaukee, USA
Jay Pillai, Vascular Surgeon, Johannesburg, South Africa
Giafar Rondon Abudhaba, Vascular Surgeon, Lima, Peru
John Rundback, Interventional Radiologist, Teaneck, USA
Darren Schneider, Vascular Surgeon, New York, USA
Lubomir Spak, Angiologist, Kosice, Slovakia
Larry Sprouse, Vascular Surgeon, Chattanooga, USA
Wei-Hwa Tan, Consultant Vascular Surgeon, Tainan, Taiwan
Unichi Tazaki, Interventional Cardiologist, Kyoto, Japan
Joseph Tuma, Cardiologist, Rapid City, SD, USA
Rajesh Vijayvergiya, Cardiologist, Chandigarh, India
Troy Weirick, Interventional Cardiologist, Elkhart, USA
Nelson Wolosker, Vascular Surgeon, Sao Paulo, Brazil
Je-Hwan Won, Interventional Radiologist, Suwon, South Korea
I-Hui Wu, Vascular Surgeon, Taipei, Taiwan
Weiwei Wu, Vascular Surgeon, Beijing, China

MAIN ARENA 1 - ROOM 1

08:00 – 09:30
Symposium: Challenges of the SFA – stent properties and design and deployment techniques affecting outcomes supported by an unrestricted educational grant by Abbott Vascular
Chairmen: J. Lammer, D. Scheinert
Moderators: S. Müller-Hülbeck, M. Funovics, R. Rapoza
Introduction by the chairman
Stent design, radial outforce and oversizing – do they affect outcomes?
Research data M. Funovics
How to optimize outcomes in the SFA? S. Müller-Hülbeck
Live case transmission from Leipzig
BVS – the future of PAD treatment R. Rapoza
BVS in the SFA – 1 year Esprit results J. Lammer
Live case transmission from Aalst
Discussion and conclusion

09:30 – 11:00
A decade of innovation: Advances and future perspectives in cardiovascular medicine
Chairmen: D. Scheinert, G. Diamino
Moderators: F. Criado, G. Torsello, Ch. Niemauer, W. Gray, K. Rocha-Singh
The evolution of endovascular aortic repair – How far have we come? F. Criado
Low profile solution for abdominal aortic aneurysms
INCRRAFT AAA stent graft: 2 year results from the INNOVATION trial G. Torsello
The European Ovation 500 patients registry D. Scheinert
Live case transmission from Leipzig
Should endovascular repair finally be considered the primary treatment for Type B aortic dissections? Ch. Niemauer
Pioneering techniques in cardiovascular medicine
Advanced interventional treatment concepts for structural heart disease: Update on TAVI and beyond G. Schuler
TAVI with cerebral protection – video case S. Haußig
REDUCE-HTN trial: Renal denervation with a percutaneous bipolar RF balloon catheter in patients with resistant hypertension D. Scheinert
Live case transmission from Berlin
Renal denervation therapy – what we know and what we don’t know K. Rocha-Singh

11:00 – 12:30
Symposium: Global perspective – when to use drug-eluting devices for the SFA supported by an unrestricted educational grant by Cook Medical
Chairman: M. Dake
Moderators: M. Bosiers, G. Adams, E. Lipsitz, A. Hamdan
Introduction and Zilver PTX – 4 year results M. Dake
Live case transmission from Leipzig
US Zilver PTX experience G. Adams
Live case transmission from Aalst
Leave nothing behind – reality YES D. Scheinert
Leave nothing behind – reality NOT M. Bosiers
How I use Zilver PTX in my practice S. Sixt
Discussion and conclusion

12:30 – 13:30
Lunch
Symposium: Prime time for drug eluting balloons in femoro-popliteal interventions? Hard facts and outstanding questions

- Introduction by the chairman
  - The IN.PACT SFA evidence overview and take-home
  - The cost-effectiveness value of DEB in femoro-popliteal revascularisation

- From evidence to practice: how DEBs fit my daily work
  - Role and requisites of stents in the DEB era
  - Discussion and conclusion

15:00 – 16:30
A decade of innovation: Current treatment, remaining challenges and future concepts for the femoropopliteal arteries

- Chairmen: J. Laird, K.-L. Schulte
- Moderators: S. Macdonald, Ch. Metzger, M. Gijler, P. Peeters

- Stenting of the superficial femoral and popliteal arteries
  - How good is the benchmark after years of optimisation?
  - 2-year update on the SUPERB-study using an interwoven biomimetic nitinol stent in the SFA
  - TASC D and beyond – 12 months results on the longest endoluminal bypass
  - Durability + Study: 12 months results

- Latest clinical trials on drug-elution in femoropopliteal arteries
  - PACIFIER RCT
  - My insights from DEB-RCTs: Breakthrough technology or just another tool in the box?
  - Drug-elution with or without scaffolds for long lesions

- Real world use of DEB in long femoropopliteal lesions – 2 year results
  - Assessment of calcium burden and calcium effect on drug elution

- The concept of focal stenting – Lessons learned and future perspectives
  - TOBA study – initial results of the TACK system
  - Biodegradable drug-eluting scaffolds for the SFA – new developments:

16:30 – 18:00
Symposium: Anti-restenosis treatment for SFA: Defining the new standard of care

- Introduction by the chairman
  - Evidence to support a standard of care: ILLUMENATE study series
  - ILLUMENATE First in human 12-month outcomes
  - Approaching the complex SFA lesion with stents
  - Beating the plaque burden with directional arterectomy:

- Discussion and conclusion

13:30 – 15:00
Intervention for acute deep vein thrombosis (DVT) & pulmonary embolism (PE)

- Moderators: N. Baekgaard, L. Hoffmann, S. Konstantinides, M. Goodwin, J. Rundback, S. Ramee

- Evidence for catheter-directed thrombolysis to treat DVT
  - Evidence for pharmacomechanical thrombolysis to treat DVT
  - Evidence for novel oral anticoagulants to treat DVT & PE

- Evidence for systemic thrombolysis to treat PE: PETHO trial
  - Evidence for catheter-directed thrombolysis to treat PE: ULTIMA trial

13:30 – 15:00
Revascularisation of acute and chronic deep vein obstruction

- Chairmen: P. Neglen, N. Baekgaard
- Moderators: R. de Graaf, C. Wittens, S. Nikol, K. Brachmann

- Live case transmission from Berne

- Extended venography-guided catheter – directed thrombolysis is the best strategy
  - Fixed low-dose catheter-directed thrombolysis is the best strategy

10:00 – 11:00
Symposium: Medtronic’s leadership in renal denervation. The latest Symplicity evidence, Symplicity RDN therapy development, and RDN Symplicity technology

- Moderators: I. Baumgartner, K. Rocha-Singh
- Recorded case presentation
**Lunch symposium: Peripheral CTO crossing – the European experience**

- Supported with an unrestricted educational grant by Asahi Intecc
  - **Chairman:** A. Schmidt
  - **Moderators:** D. Do, M. Manzi, N. Reifart

- Introduction by the chairman
- BTK challenge, choosing the right tool can lead to success
  - A. Schmidt
- Why should I stay intraluminal in BTK CTO?
  - M. Manzi
- A novel CTO PTA device, my own experience
  - N. Reifart

**Discussion and conclusion**

**Scrub in with the experts:**

**Revascularisation of complex chronic deep vein obstruction**

- With Nils Kucher live from Berne
- With Gerard O’Sullivan live from Galway
  - **Chairman:** M. Dake
  - **Moderators:** C. Wittens, R. de Graaf, P. Neglen

**Minimal invasive, hybrid and open deep venous reconstructions anno 2014**

- C. Wittens
- Tips & tricks for intervention in chronic venous occlusions
  - R. de Graaf

**Symposium: Extending clinical evidence with the EnlightN renal denervation system beyond resistant hypertension**

- Supported with an unrestricted educational grant by St. Jude Medical
  - **Chairmen:** M. Böhm, G. Hindricks
  - **Moderators:** K. Tsiofis, Y. Bausback

- Introduction by the chairman
- How to treat: Performing renal denervation with the EnlightN system
  - Y. Bausback
- The EnlightN clinical evidence series and the EnlightNment trial
  - M. Böhm
- Potential effect of concomitant renal denervation and cardiac ablation
  - G. Hindricks
- in the treatment of atrial fibrillation
- Favourable effects of multi-electrode renal sympathetic denervation on left ventricular mass, diastolic function, and neurohormonal activation
  - K. Tsiofis
- Renal sympathetic denervation for treatment of metabolic syndrome associated hypertension
  - K. Tsiofis

**Discussion and conclusion**

**Scrub in with the experts:**

**Venous embolisation therapy**

- With Gerard O’Sullivan live from Galway
  - **Chairman:** F. Fanelli
  - **Moderator:** K. Mathias
  - Role of CT/MR for obstructive or varicose pelvic veins
  - H. Hoppe via satellite from Berne
  - Indications and techniques for pelvic vein embolisation
  - G. O’Sullivan via satellite from Galway

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**Lunch symposium: Expanding your practice – peripheral embolisation**

- Supported with an unrestricted educational grant by Boston Scientific
  - **Chairman:** T. Cleveland
  - **Moderators:** A. Ganeshan, O. Dudeck

- Introduction by the chairman
- Peripheral embolisation fundamentals
  - T. Cleveland
- Adjunctive devices
  - O. Dudeck
- Utility of detachable coils
  - A. Ganeshan

**Discussion and conclusion**

**Scrub in with the experts:**

**Advanced techniques for complex aortoiliac and femoropopliteal disease**

- With Ralf Langhoff live from Berlin
- With Koen Delooze and Lieven Maene live from Aalst
  - **Chairman:** C. Walker, K.-L. Schulte
  - **Moderators:** H. Krankenberg, R. Varcoe, H. Steinkamp, W. Ritter

- Flash presentations:
  - Advanced interventional techniques for aortoiliac reconstructions
  - H. Krankenberg
  - Peripheral CTO treatment – clinical experiences with rapid-exchange devices
  - M. Lichtenberg
  - Reconstruction of complex aortoiliac lesions – covered vs. non-covered stents
  - R. Varcoe
  - 2 year results of Misago iliac stent registry
  - M. Bosiers
### Technical Forum - Room 3

**15:00 - 16:30**

**Tutorial: Large hole closure – close with confidence**

- Supported with an unrestricted educational grant by Abbott Vascular
- **Chairmen:** M. Thompson, P. Cao
- **Moderators:** I. Loftus, M. Regi, N. Mosquera
- **Closure of large holes:** What is the experience I. Loftus
- **Prostar in large holes:** what are the advantages and challenges M. Thompson
- **Proglide tips and tricks:** dealing with challenging situations and patients M. Regi
- **Live case transmission from Leipzig**

**16:30 - 18:00**

**Scrub in with the experts: Advanced techniques for revascularisation of supra-aortic arteries**

- **with Antonio Micari live from Palermo**
- **with Ralf Langhoff live from Berlin**
- **Chairmen:** S. Ramee, G. Biamino
- **Moderators:** Z. Milosevic, N. Cheshire
- **Flash presentations:**
  - Rationale and evidence for unconventional access during CAS P. Montorsi
  - How to optimize CAS results in soft plaque and recent stroke P. Odrowąż-Pieniążek
  - Can robotic assistance be helpful to navigate through complex arch anatomies and make CAS safer N. Cheshire

### Discussion Forum - Room 4

**11:00 - 12:00**

**Abbott Vascular endovascular electronic education program:**

- **Panel discussion with recorded cases**
  - **Moderator:** J. Rundback

**15:00 - 16:00**

**Debating TIPS cases, indications, data, and guidelines**

- **Chairmen:** S. Olliff, D. Tripathy
- **Moderators:** D. Benten, A. Koops
- **Case presentation D. Benten**
- **Case presentation A. Koops**

### Global Expert Exchange Forum - Room 5

**13:30 - 15:30**

**Critical limb ischemia management – a global challenge**

- **Chairman:** J. Rundback
- **Moderators:** V. Bedi, M. Manzi, S. Kum, R. Beasley
- **Live case transmission from Palermo**
- **Real world CLI treatment in Germany: disease, practices and outcomes from the CRITISCH data collection G. Torsello**
- **DURABILITY II study: 3-year results M. Bosiers**
- **How DEB will impact our practice: perspectives from a US DEB researcher P. Krishnan**
- **Essentials of foot vascular anatomy and pedal revascularisation strategies M. Manzi**
- **Generating clinical evidence: first Italian multi-centre registry for the treatment of no-option CLI by cellular therapy E. Caradonna**
- **What’s new on conservative surgery on diabetic foot lesions? TBD**
- **Live case transmission from Leipzig**

**15:30 - 17:00**

**Japanese endovascular treatment strategies: Techniques and their outcome**

- **Chairmen:** G. Biamino, K. Urasawa
- **Moderators:** L. Garcia, S. Bartus
- **Various distal puncture techniques to establish bi-directional wiring H. Ando**
- **Duplex echo-guided wiring in BTK intervention A. Miyamoto**
- **Wire rendez-vous technique T. Nakama**
- **Live case transmission from Aalst**
- **Various wiring techniques for long SFA-CTO lesions K. Urasawa**
- **Long term outcome of EVT for PAD patients – Japanese evidences Q. Iida**
- **Questions and answers**
Electronic posters will be displayed from 08:00 – 18:00

13:30 – 15:00

Moderated poster round in front of the LINC studio

Jurors: M. van Sambeek, K. Mathias

Miscellaneous

13:30 – 13:45
Endovascular treatment of haemorrhagic complications of pancreatitis: a single centre experience M. Kuffno

13:35
Hemodialysis access salvage: Do we really need something new? G. Galzerano

PVD/aorto-iliac

13:40 – 13:45
Chronic renal insufficiency (CRI) is a growing global problem T. Sigtelman

13:45 – 13:50
Autologous aortic venous reconstruction, a single centre experience with long term follow-up E. Willigendaal

PVD/below the knee

13:50 – 13:55
Angiographic disease pattern in Asian population with peripheral vascular disease Z. Tan

13:55 – 14:00
Effect of plantar arch integrity on limb salvage rates Z. Tan

PVD/femoro-popliteal

14:00 – 14:05
PEACE registry: Patency evaluation after implantation of the Pulsar – 18 self-expanding nitinol stent in the superficial femoral and popliteal arteries M. Lichtenberg

14:05 – 14:10
Duplex-guided balloon angioplasty (DGBA) of Superficial Femoral Artery: Single center experience A. Hartmann

14:10 – 14:15
Multi-Loc: a new technology for stenting femoro-popliteal artery: Prove of concept K. Amendt

14:15 – 14:20
Exoseal in antegrade procedures in peripheral arterial disease patients (clinical research paper) G. Hackl

14:20 – 14:25
Evaluation of treatment of femoropopliteal lesions with Angiosculpt PTA scoring balloons R. Cebola

14:25 – 14:30
Percutaneous transluminal angioplasty with drug-eluting balloons for salvage of infragingual arterial bypass grafts E. San Norberto-Garcia

14:30 – 14:35
Drug eluting balloonong versus primary old balloon angioplasty (POBA) in femoropopliteal stent reobstructions – a non-randomized controlled pilot trial M. Brodnann

14:35 – 14:40
Differentiation of superficial femoral artery restenosis by optical coherence tomography (OCT) M. Brodnann

14:40 – 14:45
Drug-coated balloons (DCB) for PTA treatment of de-novo lesions in the SFA and Pi-segment – first interim analysis of the Freeride study S. Vonberg

14:45 – 14:50
Drug-coated balloon (DCB) for peripheral arteries: Postdilatation of nitinolstents with DCB or plain balloon in the SFA – Updated interim results of the Freeway stent study J. Tacke

14:50 – 14:55
Femoropopliteal angioplasty with 4F – vs 6F – systems: A single-center experience S. Oebel

14:55 – 15:00
We compared clinical outcomes of endovascular intervention for femoro-popliteal lesions between TASC II Type A and B (Group I) and Type C and D (Group II) H-J. Joo
11:00 – 12:30 Symposium: Unique technologies for the treatment of peripheral artery disease supported with an unrestricted educational grant by WL Gore
Chairman: J. Lammer
Moderators: P. Soukas, D. Gable, M. Piorkowski, P.-J. Ko
Introduction by the chairman
11:15 – 11:30 Demonstrated clinical success and technical considerations for covered stents in the SFA: Key learning from the VIPER and VIASTAR studies
D. Gable
Live case transmission from Leipzig
P.-J. Ko
Live case transmission from Leipzig
12 months single center patency data for dual component bare metal stent in the SFA
M. Piorkowski
12:15 – 12:30 Discussion and conclusion

12:35 – 13:20 Lunch symposium: How do you treat your challenging aortoiliac stenotic lesion?
supported with an unrestricted educational grant by Maquet
Chairman: D. Scheinert
Moderators: G. Oderich, P. Kasprzak, P. Goverde
Introduction by the chairman
12:40 – 12:48 Expanding the role of covered stents in aortoiliac lesions
G. Oderich
Aortoiliac disease; one year multi-center clinical update
P. Kasprzak
Live case transmission from Leipzig
12:56 – 13:12 CERAB: flow-dynamic study and one year results
P. Goverde
13:12 – 13:20 Discussion and conclusion

13:30 – 15:00 Symposium: Lutonix drug coated balloons – clinical evidence and real world applications
supported with an unrestricted educational grant by CR Bard
Chairman: M. Brodmann
Moderators: D. Scheinert, M. Lichtenberg, F. Liistro
Introduction by the chairman
13:33 – 13:35 LEVANT II study design and subgroup analysis
D. Scheinert
13:45 – 13:55 Single center experience global SFA registry
M. Lichtenberg
Live case transmission from Berlin
14:05 – 14:25 BTK applications and Lutonix BTK clinical trial
M. Brodmann
14:25 – 14:35 The benefit of drug coated balloons in complex BTK cases
F. Liistro
14:45 – 14:55 Pre-clinical safety data and technology review
R. Virmani
A single center experience with Lutonix
P. von Bilderling
Discussion and conclusion

15:00 – 16:30 VIVA @ LINC
Carotid bifurcation disease: pressing new dilemmas and pushing the field forward
Chairman: P. Schneider
Presentation of the Vascular Career Advancement Award, sponsored by VIVA and LINC.
3rd/2014 Awardees: M. Shishehbor, Cleveland, USA and M. Werner, Vienna, Austria
15:05 – 15:13 The case of repair of critical, but asymptomatic carotid stenosis
J. Joye
Live case transmission from Columbus
15:13 – 15:35 Future carotid trials and endpoints. This is how we make progress
T. Das
Live case transmission from Columbus
15:35 – 15:43 CAS is the right choice for patients who also require coronary bypass
M. Shishehbor
Live case transmission from Columbus
15:43 – 15:51 Advances in stents, protection devices, and patient selection
J. Laird
15:51 – 16:00 Discussion

16:30 – 18:00 Interventional techniques for visceral and renal arteries
Chairmen: J. Lammer, B. Katzen
Moderators: F. Mahler, S. Ramee, R. Varcoe, S. Debus, Th. Rand
16:30 – 16:38 Comparison of covered stents and bare metal stents for treatment of chronic mesenteric ischemia
G. Oderich
Is chronic visceral ischemia an underdiagnosed phenomenon?
Interventional techniques and outcome
C. Walker
Live case transmission from Palermo
16:46 – 17:11 Management of renal and visceral artery aneurysms
B. Katzen
Live case transmission from Leipzig
17:11 – 17:19 The case for renal artery revascularisation: My take away from all the clinical trials including CORAL
S. Ramee
17:44 – 17:52 Discussion
08:00 – 09:30  Symposium: What should you leave behind? Stent or drug?  
supported with an unrestricted educational grant by BIOTRONIK  
Chairman: J. van den Berg  
Moderators: K. Deloose, M. Lichtenberg, M. Brodmann, L. Garcia  
Introduction by the chairman  
4EVER 24m: Long-term results of 4F Pulsar stents in femoropopliteal lesions  
K. Deloose  
Live case transmission from Heidelberg  
Live case transmission from Münster  
Live case transmission from Leipzig  
Live case transmission from Berlin  
Discussion and conclusion

09:30 – 11:00  Controversial issues and remaining challenges in thoracic aortic repair  
Chairman: P. Cao  
Moderators: G. Torsello, J. Busquet, W. Fu, FW. Mohr, S. Botisios  
Introduction by the chairman  
The feasibility of an all endo approach for thoracic arch aneurysms  
J. Lammer  
The vast majority of thoracic arch aneurysms are best managed by hybrid procedures that include TEVAR and surgical great vessel reconstructions  
R. Chiesa  
Discussion and conclusion

11:00 – 12:30  Symposium: Improving EVAR outcomes in highly angulated AAA anatomy with an "on label" solution  
supported with an unrestricted educational grant by Lombard Medical  
Chairman: V. Riambau  
Moderator: J. Tefarek  
Introduction by the chairman  
Benefits and advantages of Aorfix™ endovascular stent graft in complex AAA anatomy  
R. Kellersmann  
Live case transmission from Leipzig  
Long term outcomes with Aorfix™ in challenging anatomy (a dual centre review)  
J. Hardman  
Iliac occlusions – clinical strategies to minimise the risk  
N. Mosquera  
Live case transmission from Prague  
Discussion and conclusion

12:30 – 13:20  Lunch symposium: Expanding the frontier of BTK treatment  
supported with an unrestricted educational grant by Cook Medical  
Chairman: C. Walker  
Moderators: Y. Goueffic, M. Manzi, A. Schmidt  
Essential steps for BTK  
Y. Goueffic  
Tibiopedal study results  
C. Walker  
Diabetic / angiosome in the BTK treatment  
M. Manzi  
New techniques for BTK treatment  
A. Schmidt  
Discussion and conclusion

13:30 – 15:00  Symposium: 3D image guidance during EVAR  
partially supported with an unrestricted educational grant by Siemens  
Chairman: E. Verhoeven  
Moderators: P. Geisbüsch, J. Gahlen, M. Steinbauer  
3D imaging during EVAR, tool or toy?  
E. Verhoeven  
Fusion imaging to support navigation in endovascular aortic procedures  
P. Geisbüsch  
Intraoperative data acquisition for 3D imaging and navigation in EVAR cases  
J. Gahlen  
Live case transmission from Heidelberg  
Can post procedural 3D imaging improve outcomes in endovascular aortic procedures?  
P. Geisbüsch  
3D imaging in emergency cases  
M. Steinbauer  
Discussion and conclusion

15:00 – 16:30  Symposium: Sealing is believing  
supported with an unrestricted educational grant by Trivascular  
Chairman: D. Scheinert  
Moderators: Th. Nolte, M. Tenholt, S. Lyden  
Introduction by the chairman  
3 years of experience with an innovative sealing concept  
Th. Nolte  
Live case transmission from Leipzig  
Early and midterm results of a 500 patients registry  
M. Tenholt  
Expanding EVAR safely: The Ovation prime™ abdominal stent graft system  
S. Lyden  
Live case transmission from Leipzig  
Future outlook: Next generation stentgraft technology  
D. Scheinert

16:30 – 18:00  Management of juxtarenal aneurysms and challenging aortic neck  
Chairman: F. Criado  
Moderators: G. Torsello, S. Kum, M. Mehta, Th. Larzon, P.-J. Ko, V. Bedi  
Live case transmission from Sao Paulo  
Fenestrated and branched stentgrafts are ideal for managing aortic aneurysms with complex aortic necks  
M. Malina  
Parallel stent graft techniques such as chimneys are readily available and safe off-the-shelf solutions for complex aortic necks  
G. Torsello  
Type I endoleaks and late migration can effectively prevented by endovascular fixation  
J.-P. de Vries  
Thinking outside the circle: Kissing endografts for AAA  
D. Krievins  
Rescue procedures for stentgraft dislocation or migration  
A. Gussmann  
Live case transmission from Münster  
Advanced approaches to treating challenging AAA & TAA anatomy – EndoAnchors for EVAR & TEVAR  
M. Mehta  
Challenging treatment of arch aneurysm with hybrid procedures and custom made thoracic RELAY-endoprothesis  
M. Youssef  
Discussion and conclusion
### TECHNICAL FORUM ∙ ROOM 3

**WEDNESDAY 29, 2014 (cont.)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
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<tbody>
<tr>
<td>08:00 – 09:30</td>
<td><strong>Scrub in with the experts</strong>&lt;br&gt;partially supported with an unrestricted educational grant by Cordis</td>
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<tr>
<td>09:30 – 11:00</td>
<td><strong>Current concepts in embolisation therapies</strong>&lt;br&gt;<strong>Chairman:</strong> K. Mathias&lt;br&gt;<strong>Moderators:</strong> P. Huppert, B. Katzen, U. Teichgräber&lt;br&gt;Introduction by the chairman&lt;br&gt;Principles of embolisation treatment and material choice U. Teichgräber&lt;br&gt;<strong>Live case transmission from Galway</strong> A. Ryan via satellite from Galway&lt;br&gt;UFE and prostatic embolisation – current status and techniques&lt;br&gt;<strong>Live case transmission from Heidelberg</strong> P. Huppert&lt;br&gt;Interventional treatment strategies for hepatic malignancies&lt;br&gt;<strong>Live case transmission from Galway</strong> J. Ruef&lt;br&gt;Discussion and conclusion</td>
</tr>
<tr>
<td>11:00 – 12:30</td>
<td><strong>Symposium: Onyx liquid embolic system – for advanced treatment approaches and daily challenges</strong>&lt;br&gt;supported with an unrestricted educational grant by Covidien&lt;br&gt;<strong>Chairman:</strong> Ch. Binkert&lt;br&gt;<strong>Moderators:</strong> M. Treitl, Th. Larzon, J. Urbano&lt;br&gt;Introduction by the chairman&lt;br&gt;Treatment of endoleaks Type I and II M. Treitl&lt;br&gt;Endovascular techniques for ruptured aneurysms Th. Larzon&lt;br&gt;<strong>Live case transmission from Munich</strong> J. Ruef&lt;br&gt;Managing hemorrhage in daily practice J. Urbano&lt;br&gt;Discussion and conclusion</td>
</tr>
<tr>
<td>12:35 – 13:20</td>
<td><strong>Lunch symposium: The role of stenting in venous interventions</strong>&lt;br&gt;supported with an unrestricted educational grant by Optimed&lt;br&gt;<strong>Chairman:</strong> N. Kucher&lt;br&gt;<strong>Moderators:</strong> M. Lichtenberg, R. de Graaf, C. Wittens&lt;br&gt;Introduction by the chairman&lt;br&gt;Endovascular therapy for acute and chronic venous obstructions N. Kucher&lt;br&gt;Percutaneous mechanical thrombectomy and stenting of acute iliopelvic arterial swelling R. de Graaf&lt;br&gt;Deep vein thrombosis M. Lichtenberg&lt;br&gt;Tips and tricks for venous stenting R. de Graaf&lt;br&gt;One year follow-up of the sinus-Venous stent by the European Center Aachen-Maastricht C. Wittens</td>
</tr>
<tr>
<td>13:00 – 14:30</td>
<td><strong>The last frontiers: Long SFA occlusions and calcified lesions</strong>&lt;br&gt;<strong>Chairman:</strong> K.-L. Schulte, Ch. Metzger&lt;br&gt;Moderators: J. Joye, R. Rücker, A. Bolia, P. Peeters&lt;br&gt;2000 patients, real-world nitinol stent registry – 1 year results J. Rüef&lt;br&gt;is there a role for drug eluting stents in SFA treatment? Y. Gouëffic&lt;br&gt;12 months results with Zilver PTX in long femoropopliteal lesions Th. Zeller&lt;br&gt;New concepts for DES in femoropopliteal arteries – the Illumina trial D. Scheinert&lt;br&gt;<strong>Live case transmission from Berlin</strong>&lt;br&gt;First results of the RAPID trial, RCT with use of the Lefflow DEB for long-segment SFA obstructions D. van den Heuvel via satellite from Leipzig cathlab&lt;br&gt;The Freeway study projects – status update K.-L. Schulte&lt;br&gt;Patient-tailored solutions for calcified femoro-popliteal lesions C. Walker&lt;br&gt;<strong>Live case transmission from Leipzig</strong> Vessel scoring + DEB – the solution for complex lesions E. Blessing</td>
</tr>
</tbody>
</table>
Rethinking TEVAR for dissection
Chairman: M. Dake
Discussants: P. Schäfer, G. Gelpi
Obstacles in treating chronic Type B dissection Th. Larzon
Uncomplicated asymptomatic Type B aortic dissection is not benign: are there predictors for early endovascular treatment? M. Makaroun
Is there a new trend in treating acute TBAD? J. Brunkwall

VIVA @ LINC
The aortic neck remains the Achilles heel of EVAR: How do we optimize outcomes using chimneys, periscopes, sandwich techniques, and polymer based technology?
Chairman: M. Mehta
Moderators: M. Dake, S. Lyden, J. Joye, Ch. Metzger
This is a case-based session focusing on real cases with challenges and complications that make the experts sweat. Audience participation is encouraged and step-by-step case management is featured and discussed.

CX @ LINC
Peripheral arterial ischaemia – ilex session
Chairmen: I. Baumgartner, F. Moll
Moderators: M. Edmonds, A. Bolia, F. Moll, P. Peeters, J. Baumgartner, Th. Zeller
Introduction by the chairman
12:30 – 12:35
Diabetic foot care M. Edmonds
12:35 – 12:43
Subintimal angioplasty saves legs and opens collaterals A. Bolia
12:43 – 12:51
Stentgraft and full metal jacket has merit F. Moll
12:51 – 12:59
Popliteal stenting works P. Peeters
12:59 – 13:07
Options for below the knee revascularisation I. Baumgartner
13:07 – 13:15
The relative merits of drug coated balloon vs. drug coated stent below the knee Th. Zeller
13:15 – 13:23
Discussion
13:23 – 13:30

Debate on iliac branching techniques
Chairman: M. van Sambeek
Discussants: M. Makaroun, P. Cao, M. Hamady
Iliac aneurysms are prevalent in up to 40% of AAA patients: Is there a need to preserve the internal iliac artery? M. Makaroun
What treatment options work best? Are there advantages for a dedicated system compared to alternative techniques? M. Hamady
GORE® EXCLUDER® iliac Branch Endoprosthesis: Treatment possibilities and first experience P. Cao

Abbott Vascular endovascular electronic education program: Panel discussion with recorded cases
Moderators: R. Varcoe, M. Amor

07:15 – 08:00 Breakfast symposium: ELUTAX SV – The first drug-eluting balloon with longterm Paclitaxel delivery, used in neuro, central, venous, and peripheral lesions: Early and longterm outcome supported with an unrestricted educational grant by Aachen Resonance
Chairmen: A. Bücken, C. Massa Saluzzo
Moderators: H. Deutschmann, S. Heller
07:15 – 07:20 Introduction by the chairman
07:20 – 07:30 Neuro ELUTAX SV in supraaortic vessels: first results and follow-up H. Deutschmann
07:30 – 07:40 ELUTAX SV – treatment of chronic limb ischemia, 6 months results C. Massa Saluzzo
07:40 – 07:50 ELUTAX SV – treatment of dialysis fistulas: 6 to 12 months follow up. Which lesion should be treated? S. Heller
07:50 – 08:00 ELUTAX SV – treatment of central venous stenosis. Comparison of plain balloon vs. ELUTAX SV A. Bücken

08:00 – 09:30 Advanced solutions for challenging peripheral lesions: Calcification, in-stent restenosis and beyond
Chairmen: G. Biamino, G. Adams
Moderators: D. Kawasaki, R. Beasley, U. Desai

Live case transmission from Münster
08:00 – 08:30 Heavily calcified vessels media calcium vs. intimal calcium D. Gardi

OCT
08:30 – 08:35 Use of a novel atherectomy catheter with optical coherence tomography imaging to determine how much atherectomy to perform H. McDaniel
08:40 – 08:45 Utility of orbital atherectomy in above and below the knee I. Baumgartner, Th. Zeller peripheral artery disease patients G. Adams

Live case transmission from Palermo
08:45 – 09:15 Diffuse in-stent restenosis following successful SFA-CTO revascularisation: What are my options? T. Wierck
09:15 – 09:20 Discussion and conclusion

09:30 – 11:00 Global expert exchange – Challenging carotid cases and complications
Chairmen: H. Sievert, S. Macdonald
Moderators: M. Roffi, P. Rubino, C. Setacci, G. Coppo
Use of MiChi flow reversal for complex arch anatomy in carotid stenting I. Leal Lorenzo

Live case transmission from Palermo
09:35 – 10:00 Use of proximal protection device by CAS for symptomatic stenosis of ICA – single centre experience L. Spak
10:05 – 10:10 Proximal protection for carotid interventions, real world experience E. Loureiro
10:10 – 10:15 Carotid stenting: Impact of experience on outcome J. M. Bacharach
10:15 – 10:20 OCT guided carotid stenting S. Dohad
10:20 – 10:25 How to prevent hyperperfusion syndrome P. Odrowąż-Pieniążek

Live case transmission from Berlin
10:25 – 10:50 Symptomatic vertebral stenosis: When is endovascular treatment appropriate? E. Lipsitz
mediAVentures is the exclusive supplier of all multimedia services for the LINC courses. All live case transmissions are co-ordinated, filmed and produced by mediAVentures crew, using the latest in high definition television and wireless technology. As the full transmission chain (from fluoroscopy to projector) is performed in 1080 lines, the quality of the medical images as seen by the audience is identical to what the operators in the digital cathlab are seeing. LINC is the only major interventional course where this modern imaging technology is used throughout.
11:00 – 12:30 Global Expert Exchange – Challenging cases and complications – Miscellaneous

Moderators: Th. Rand, D. Dudek, S. Nikol, J. Busquet

Peripheral applications of transradial access: J. Tuma

Aorto-ostial disease and geographic miss: Experience with the “Flash” ostial flaring balloon: R. Kovach

Live case transmission from Palermo

Dysasia Lusoria following intervention of occluded aberrant right subclavian artery: R. Vijayvergiya

Distal embolisation protection for removal of partially thrombosed IVC filters, using the angioVac system: J. Ayyedi

Pregnancy with cava occlusion: M. Goodwin

Upper extremity post-thrombotic syndrome managed percutaneously via venous stenting: J. George

Live case transmission from Galway

Single center 5 year follow-up of massive/sub-massive PE: M. Goodwin

Outcomes following percutaneous suture-mediated access closure in venous interventions: B. de Rubertis

12:35 – 13:15 Challenging EVAR cases and complications – Part I

Moderators: M. van Sambeek, R. Varcoe, W. Fu

Use of current off-the-shelf technology for treatment of complex pararenal aortic aneurysm by percutaneous endovascular means: H. McDaniel

Four-branched chimney TEVAR for ruptured mycotic aneurysm with 18 months follow up: W. H. Tan

Midterm outcome of branched Inoue stentgraft for thoracic aortic aneurysms and dissections: T. Tazaki

A total debranching TEVAR case using Valiant with closed circuit CPB for the 87 years old man with a huge aortic arch aneurysm: S. Kondo

Pitfalls in endovascular treatment of Type B aortic dissection: W. Fu

Successful bailout procedure of misdeployed contra-lateral iliac leg outside a mainbody endograft using parallel balloon-expandable stent: S. Ichihashi

King Faisal Hospital and Research Center experience in hybrid repair of thoraco-abdominal aortic aneurysm (TAAA) using TEVAR: S. Kousayer

Biting off more than you can chew; lessons learned from our fenestration experience: P. J. Patel

13:30 – 16:30 Challenging cases, pioneering techniques, and complications in lower limb procedures

Moderators: G. Biamino, E. Dippel

The short and mid-term result of self-expanding nitinol stents for treatment of femoropopliteal arteries following suboptimal balloon angioplasty: W. Liang

Popliteal artery embolisation in superficial femoral artery interventions: incidence, risk factors, treatment, and prognosis: W. Wu

Improved mortality using distal embolic protection devices during peripheral vascular intervention: E. Dippel

Live case transmission from Sao Paulo

Role of hybrid procedures in replacing aortofemoral bypass, critical role of the CFA: A. Hamdan

A new multifunctional catheter for difficult peripheral access: G. Coppi

Management of highly calcified aortic and iliac lesions: U. Desai

Endovascular revascularisation of the internal iliac artery for lower limb ischaemia: J. Pillai

Technique of percutaneous direct needle puncture of calcified plaque (PIERCE) in superficial femoral artery or tibial artery to facilitate balloon catheter passage and following dilatation of the calcified lesions: S. Ichihashi

Outcomes of deep femoral artery stent coverage during SFA interventions: Y. G. Ko

Treatment of a concomitant CFA perforation and distal lower extremity acute thrombosis: P. Soukas

Managing diabetic foot in Brazil: G. Vieira Meirelles

Multidisciplinary experience with diabetic foot patients in Mexico: J. A. Munoa

Crib BTK polymer-free DES technology: the Activ8 clinical trial: E. Marone

How surgical strategies and diabetic foot infections link to revascularisation results: TBD

Angiographically directed (“Angiographosome concept”) complex tibiopopliteal reconstruction: J. Rundback

Pedal access for BTK CTOs: A. Escobar

Pedal puncture with ultrasonographic guidance: J. H. Won

Live case transmission from Palermo

The technique of pedal arch angioplasty: T. Nakama
Electronic posters will be displayed from 08:00 – 12:30
09:30 – 10:50  Moderated poster round in front of the LINC studio
Jurors: R. Rücker, DD. Do

Endovascular surgery/aortic
09:30 – 09:35  New approach to standard access in interventional procedures  A. Kaledin
09:35 – 09:40  Comparison of the impact of open and endovascular abdominal aortic aneurysm repair on renal function  A. Saratzis
09:40 – 09:45  Pevar: analysis of costs and benefits compared with femoral surgery access  L. Garriboli
09:45 – 09:50  Lessons learned from mid-term result of hybrid arch TEVAR and its solutions  H. Matsuda
09:50 – 09:55  Long-term outcome of endovascular repair for elective and ruptured abdominal aortic aneurysms; a 15-year single centre experience  P. Broos
09:55 – 10:00  Surgical options in endograft infections  M. Ruffino
10:00 – 10:05  Object of study and purpose: Persistent Type II endoleaks (PT2) after EVAR have been shown to correlate with aneurysm sac expansion and increased need for secondary interventions  F. Bontempi
10:05 – 10:10  The Aorfix stent graft – tackling challenging anatomy with favourable medium term outcomes  K. Augustine
10:15 – 10:20  Two year experience repairing common iliac aneurysms with a modified endograft that compartmentalizes iliac flow through upstream bifurcation  P. Kelly
10:20 – 10:25  Background: Endovascular aneurysm repair (EVAR) has been suggested in several studies to be superior to open surgery (OSR) for the treatment of ruptured abdominal aortic aneurysms (rAAA), but this finding might be affected by selection bias based on aneurysm morphology and patient characteristics. We tested rAAA anatomy according to EVAR suitability in patients undergoing OSR to assess the impact on mortality  F. Krenzien

Miscellaneous
10:25 – 10:30  Introduction – Supervised exercise therapy (SET) is the primary treatment for intermittent claudication (IC). The aim of this study was to calculate annual savings if a stepped care model (SCM, primary SET treatment followed by revascularization in case of SET failure) would have been followed  H. Fokkenrood
10:30 – 10:35  The impact of Vascular Chronic Q fever infections: lessons learned from the world’s largest outbreak  P. Broos
10:35 – 10:40  Acute Mesenteric ischemia – surgical management and outcomes  T. Sahu
10:40 – 10:45  Clinical outcomes of less invasive endovascular treatment in the patient of peripheral arterial disease  K. Hozawa
10:45 – 10:50  Clinical results of infrapopliteal PTA and association of risk factors with primary patency and limb salvage in the patients of hemodialysis  K. Hozawa

Electronic posters will be displayed from 13:00 – 18:00
13:30 – 14:55  Moderated poster round in front of the LINC studio
Juror: F. Mahler

PVD/femoro-popliteal
13:30 – 13:35  High doses catheter directed thrombolysis in treatment of acute thrombotic lower limb ischemia  A. Lukasiewicz
13:35 – 13:40  Intravascular ultrasound evaluation of JETSTREAM atherectomy removal of superficial calcium in peripheral arteries  W. Gray
13:40 – 13:45  Use of drugcoated balloon PTA as first line treatment for all SFA lesions  K. Keirse
13:45 – 13:50  OffRoad™ Re-entry catheter system for subintimal recanalization of chronic total occlusions in femoropopliteal arteries: primary safety and efficacy results of the Re-route trial  K. Keirse
13:55 – 14:00  Gender-related outcome after 5 years of primary femoropopliteal stent placement  E. Schoenefeld
14:00 – 14:05  Drug-eluting balloon is effective in denovo but not in restenotic femoropopliteal lesion: midterm results of a prospective study  M. Herten
14:05 – 14:10  Evaluation of drug coated balloon technology in the real world; results from the Heidelberg registry  B. Vogel
14:10 – 14:15  Endovascular treatment for limb ischemia: final report of a prospective multicenter registry  R. Lookstein
14:15 – 14:20  The effect of statin treatment on patients with femoropopliteal artery disease after endovascular treatment  Y. Shintani

Supra-aortic/carotid
14:20 – 14:25  Clinical efficacy of the intravascular ultrasound during CAS to prevent procedural-related acute ischemic stroke  N. Ogata

Venous disease
14:25 – 14:30  Sclerotherapy in venous malformations: Risk of intraprocedural complications  R. Clemens
14:30 – 14:35  Endovenous laser ablation and foam sclerotherapy for management of varicose veins; Staged procedure  O. Ismail
14:35 – 14:40  Serum endothelin 1 levels before, during and after mechanochemical endovenous ablation with foam and surgical correction of incompetent great saphenous veins  M. Kendler
14:40 – 14:45  Hybrid simultaneous treatment of thrombosed prosthetic grafts for hemodialysis  N. Troisi
14:45 – 14:50  DVT increase and relate with sleeping in car after North Italian earthquake 2012 (Emilia Earthquake)  K. Hanzawa
SYMPOSIUM: VASCULAR IMITATING TECHNOLOGY – DESIGN, ENGINEERING, AND CLINICAL OUTCOMES

Supported with an unrestricted educational grant by Abbott Vascular

Chairmen: D. Scheinert, P. Goverde

Moderators: Ch. Metzger, K. Rosenfield, J. Goltz

08:00 – 08:05
Introduction by the chairman

08:05 – 08:15
Vascular mimetic technology – P. Goverde

08:15 – 08:30
Live case transmission from Bad Krozingen

08:30 – 08:45
Clinical results from the SUPERB and Supera 500 – D. Scheinert

08:45 – 09:05
Real-world data with Supera in the superficial femoral artery and popliteal artery – Results and clinical experience from the AURORA trial – P. Goverde – Treatment of popliteal artery lesions in patients with CLI – J. Goltz

09:05 – 09:30
Live case transmission from Leipzig

11:00 – 11:30
A decade of innovation: Remaining challenges and future perspectives for the femoropopliteal arteries

Chairman: K. Rosenfield

09:30 – 09:35
The Silver PTX registry ISR subanalyses – M. Dake

09:35 – 09:40
2-year results of DEB treatment of ISR – E. Stabile

09:40 – 09:45
The Debate-ISR study: 2-year data – F. Listro

09:45 – 10:10
Live case transmission from Leipzig

10:10 – 10:15
RELINE – randomised clinical trial: Viabahn covered stents vs. PTA – K. Deloose

10:15 – 10:20
The FAIR – randomised clinical trial of DEB vs. PTA for SFA-ISR – H. Krankenberg

10:20 – 10:45
Live case transmission from Bad Krozingen

10:45 – 10:50
Initial experience with DEB in occluded lower limb bypass – K. Katsanos

10:50 – 10:55
BioMimics 3D – advanced stent design: Concept to randomised controlled trial – Th. Zeller via satellite from Bad Krozingen

10:55 – 11:00
Discussion and conclusion

11:00 – 12:30
SYMPOSIUM: TREATMENT OF ARTERIAL AND VEIN OCCLUSIONS – “WHERE DO I USE MECHANICAL DEBUKING?”

Supported with an unrestricted educational grant by Straub Medical

Chairman: M. Bulvas

Moderators: E. Wedell, S. Kumm, S. Bräunlich, Th. Fuß, Th. Heller

11:00 – 11:05
Introduction by the chairman

11:05 – 11:15
Rotarex in daily practice – indications and results of the last 10 years – S. Bräunlich

11:15 – 11:20
Live case transmission from Leipzig

11:20 – 11:45
Treatment of long segment ISR. Rotarex plus DEB improves the outcome – T. Fuß

11:50 – 12:00
Recanalisation of venous thrombosis. Is there an advantage in using a mechanical thrombectomy system? – Th. Heller

12:00 – 12:25
Live case transmission from Bad Krozingen

12:25 – 13:00
Discussion and conclusion

12:30 – 13:30
Lunch

13:30 – 15:00
TCT @ LINC: Pioneering techniques and future perspectives in endovascular interventions.

“Leaving no metal behind” – the concept for the future?


13:30 – 13:35
Current evidence and clinical utility of atherectomy systems – W. Gray

13:35 – 13:40
The Phoenix Atherectomy System: My initial experience with the next generation of peripheral atherectomy – Th. Zeller via satellite from Bad Krozingen

13:40 – 13:45
Directional atherectomy + DEB: Early insights from the Definitive AR study – G. Tepe

13:45 – 13:52
The SHOCKWAVE lithoplasty concept for calcified lesions – initial clinical experience – M. Brodmann

13:52 – 14:20
Live case transmission from Bad Krozingen

14:20 – 14:27
The only solution for peripheral arteries is to avoid permanent implants – bioabsorbable scaffolds will be the future! – R. Virmani

14:27 – 14:34
Latest generation bioabsorbable technology – how to make it work – D. Scheinert

14:34 – 14:53
Live case transmission from Leipzig

14:53 – 15:00
Chocolate BAR: Chocolate PTA in a broad range of patients with peripheral arterial disease, a prospective post-marketing study – T. Das

15:00 – 16:30
SCRUB IN WITH THE EXPERTS: ADVANCED TECHNIQUES FOR CAROTID REVASCULARISATION

Partially supported with an unrestricted educational grant by Terumo

With Anne Schwindt live from Munster

With Fausto Castriota live from Palermo

Chairman: G. Torsello Moderators: S. Macdonald, M. Amor, D. Dudek, P. Rubino

Flash presentations:

Critical literature appraisal on carotid artery stenting – S. Macdonald

Patient selection, techniques, and armamentarium:

Lessons learned after CREST – W. Gray

Pre-clinical and first clinical experiences with Micromesh carotid stent – M. Amor

Proximal protection during CAS – P. Odrowąż-Pieniak

16:30 – 18:00
THE LAST FRONTIER: ENDOVASCULAR INTERVENTIONS IN THE COMMON FEMORAL AND POPLITEAL ARTERIES

Chairman: B. Katzen Moderators: R. Ghotbi, P. Peeters, Ch. Metzger, R. Rückert, P. Schneider

The TECCO trial: results of the French multicentric randomized clinical trial comparing endovascular vs. open surgery for the treatment of common femoral artery de novo lesions – Y. Goueffic

Live case transmission from Bad Krozingen

16:35 – 17:00
Anatomical and biomechanical specifics of the popliteal artery – S. Müller-Hülsebeck

Clinical trial update:

ETAP randomized clinical trial: 24 months update – Th. Zeller via satellite from Bad Krozingen

17:07 – 17:12
The Durability Pop study – 2 year results – P. Peeters

17:17 – 17:22
The Leipzig SUPERA Propliteal artery stent registry – long-term results – J. Schuster

17:22 – 17:27
Entrapment syndrome of the popliteal artery – diagnostic work-up and treatment – R. Rückert

17:27 – 17:53
Live case transmission from Leipzig

Endovascular repair of popliteal artery aneurysms: Technical considerations, patient selection, and outcome – B. Katzen
### THURSDAY 30, 2014 (cont.)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>08:00 – 10:00</td>
<td>Evolving treatment paradigms for management of Type B aortic dissections</td>
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<td></td>
<td>Chairman: FW Mohr</td>
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<td>Moderators: H. Krankenberg, P. Cao, R. Kolvenbach, M. Thompson</td>
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<tr>
<td>08:00 – 08:05</td>
<td>Introduction by the chairman</td>
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<tr>
<td>08:05 – 08:13</td>
<td>Tips and tricks for successful EVAR of Type B dissections A. Schmidt</td>
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<td>08:13 – 08:21</td>
<td>INSTEAD XL has changed my case based treatment strategies for uncomplicated chronic Type B dissection Ch. Nienaber</td>
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<td>08:21 – 08:46</td>
<td>Live case transmission from Heidelberg</td>
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<td>08:46 – 08:54</td>
<td>Acute dissection: OMT vs. OMT + TEVAR S. Trimarchi</td>
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<td>08:54 – 09:02</td>
<td>Treatment of chronic dissections and post-dissection aneurysms with fenestrated and branched grafts E. Verhoeven</td>
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<td>09:02 – 09:10</td>
<td>New techniques to occlude false-lumen distal back flow in chronic dissections T. Köbel</td>
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<td>09:10 – 09:40</td>
<td>Live case transmission from Leipzig</td>
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<tr>
<td>09:40 – 09:48</td>
<td>Future horizons: Innovative approaches for ascending aortic pathologies R. Kolvenbach</td>
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<td>09:48 – 10:00</td>
<td>Discussion and conclusion</td>
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<tr>
<td>10:00 – 11:30</td>
<td>Symposium: Innovative technologies and approaches for aortic challenges supported with an unrestricted educational grant by WL Gore</td>
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<td>Chairman: M. Makaroun</td>
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<td>Moderators: R. Lakshminarayan, P. Cao, N. Mangialardi</td>
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<tr>
<td>10:00 – 10:05</td>
<td>Introduction by the chairman</td>
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<tr>
<td>10:05 – 10:15</td>
<td>Ensuring best clinical outcomes with the new lower profile</td>
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<tr>
<td>10:15 – 10:25</td>
<td>GORE® EXCLUDER AAA Endoprosthesis: Reducing access complications and treating short, angulated necks R. Lakshminarayan</td>
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<tr>
<td>10:25 – 10:55</td>
<td>A new era in treating iliac aneurysms: The GORE® EXCLUDER®</td>
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<tr>
<td>10:55 – 11:05</td>
<td>Iliac Branch Endoprosthesis P. Cao</td>
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<tr>
<td>11:05 – 11:10</td>
<td>Live case transmission from Leipzig</td>
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<td>11:10 – 11:30</td>
<td>The impact of true conformability in the aortic arch N. Mangialardi</td>
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<td>Discussion and conclusion</td>
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<td>11:30 – 12:30</td>
<td>Symposium: Nellix – from concept to clinical practice supported with an unrestricted educational grant by Endologix</td>
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<td>Chairman: M. Thompson</td>
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<td>Moderators: J.-P. de Vries, P. Hayes, M. Reijnen</td>
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<tr>
<td>11:30 – 11:35</td>
<td>Introduction by the chairman</td>
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<tr>
<td>11:35 – 11:45</td>
<td>EVAS and early clinical outcomes J.-P. de Vries</td>
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<td>11:45 – 11:55</td>
<td>The European experience: Learning curve and key take-aways P. Hayes</td>
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<tr>
<td>11:55 – 12:15</td>
<td>Live case transmission from Heidelberg</td>
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<tr>
<td>12:25 – 12:30</td>
<td>Discussion and conclusion</td>
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<tr>
<td>12:30 – 13:30</td>
<td>Lunch symposium: INCRAFT® – The unmet need for a new EVAR device and concept partially supported with an unrestricted educational grant by Cordis</td>
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<td>Chairman: G. Torsello</td>
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<td></td>
<td>Moderators: J. Blankensteijn, J. Brunkwall</td>
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<tr>
<td>12:30 – 12:35</td>
<td>Introduction by the chairman</td>
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<td>12:35 – 12:45</td>
<td>Global INCRAFT® system clinical program C. Teigen</td>
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<td>12:45 – 12:55</td>
<td>Technical features of the INCRAFT® system G. Pratesi</td>
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<td>12:55 – 13:05</td>
<td>Case presentation K. Donas</td>
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<td>13:05 – 13:15</td>
<td>INCRAFT® 2 year data from the INNOVATION trial G. Torsello</td>
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<td>13:15 – 13:30</td>
<td>Discussion and conclusion</td>
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<td>13:30 – 15:00</td>
<td>Symposium: Raising the standard of care for endovascular aortic repair, applying contemporary outcomes to clinical practice supported with an unrestricted educational grant by Medtronic</td>
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<td>Chairman: J. Panneetoe  Moderators: J.P. Becquemin, H. Verhagen, M. van Sambeek, M. Thompson, Ch. Nienaber</td>
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<tr>
<td>13:30 – 13:35</td>
<td>Introduction by the chairman</td>
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<td>13:35 – 13:45</td>
<td>Midterm results of ENGAGE registry J.P. Becquemin</td>
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<td>13:45 – 14:05</td>
<td>Live case transmission from Münster</td>
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<td>14:05 – 14:15</td>
<td>How durable is EVAR in the hostile neck? H. Verhagen</td>
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<td>14:15 – 14:25</td>
<td>Device evolution and impact on EVAR outcomes. ENGAGE vs. EUROSTAR M. van Sambeek</td>
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<td>14:25 – 14:35</td>
<td>Uncomplicated Type B dissection is a misnomer: INSTEAD XL results Ch. Nienaber</td>
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<td>14:35 – 14:45</td>
<td>Treatment of Type B dissections. VIRTUE 3 year result M. Thompson</td>
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<tr>
<td>14:45 – 15:00</td>
<td>Panel discussion and take home messages</td>
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<td>15:00 – 16:30</td>
<td>CX @ UNC: Controversial issues in aortic repair</td>
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<td>Chairman: F. Moll</td>
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<td>Moderators: S. Debus, P. Cao, J.P. Becquemin, Th. Lorzan, F. Veith, Z. Rancic, M. Thompson, J. Powell</td>
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<tr>
<td>15:00 – 15:05</td>
<td>Introduction by the chairman</td>
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<tr>
<td>15:05 – 15:13</td>
<td>Fast track practice and the improvement in anaesthesia S. Debus</td>
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<td>15:13 – 15:21</td>
<td>Lessons from the CAESAR trial P. Cao</td>
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<td>15:21 – 15:29</td>
<td>Open surgery for AAA has its place J.P. Becquemin</td>
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<td>15:29 – 15:37</td>
<td>The value of flow diversion in the aorta Th. Lorzan</td>
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<td>15:37 – 15:45</td>
<td>There is a best way to manage ruptured abdominal aortic aneurysms F. Veith</td>
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<td>15:45 – 15:53</td>
<td>Trials on ruptured aneurysm are a waste of time Z. Rancic</td>
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<td>15:53 – 16:01</td>
<td>I am not so sure about that M. Thompson</td>
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<td>16:01 – 16:09</td>
<td>Let me show you results of the IMPROVE trial J. Powell</td>
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<tr>
<td>16:09 – 16:30</td>
<td>Discussion</td>
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<td>16:30 – 18:00</td>
<td>Scrub in with the experts: Pioneering techniques for thoraco-abdominal aneurysm repair</td>
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<td>with Martin Austermann live from Munster</td>
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<td>Chairman: A. Lobato</td>
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<td>Moderators: M. Malina, Z. Rancic, P. Kasprzak, V. Bedi, P. Cao, E. Verhoeven</td>
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<td></td>
<td>EVAR of thoraco-abdominal aneurysms with branched and fenestrated endografts – review of results and techniques M. Malina</td>
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<td>Off-the-shelf solutions for thoraco-abdominal aortic repair: My experience with chimneys and snorkels Z. Rancic</td>
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<td>How to reduce neurologic complications during EVAR of thoracoabdominal aneurysms: The open branch concept P. Kasprzak</td>
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</tbody>
</table>
Technical Forum ∙ Room 3

Thursday 30, 2014 (cont.)

08:00 – 09:30
LINC Expert Course: Advanced techniques for critical limb ischemia part I
- with Andrej Schmidt live from Leipzig
- with Marco Manzi live from Palermo
Chairman: G. Biamino
Moderators: R. Langhoff, K. Deloose, B. Freitas, P. Huppert, J. Joye
Considerations for patient-specific revascularisation strategies below the knee
R. Ferraresi
Outcome predictors in CLI interventions – insights from clinical trials O. Iida
How far can we go with endovascular techniques in challenging CTOs – the view point of a surgeon R. Varcoe

09:30 – 11:00
LINC Expert Course: Advanced techniques for critical limb ischemia part II
- with Thomas Zeller live from Bad Krozingen
- with Kazushi Urasawa live from Leipzig
Chairman: R. Varcoe
Moderators: C. Metzger, Wei Liang, H. Yokoi
State of the art retrograde approach – step by step A. Schmidt
Going deep – essentials of foot anatomy and the technique of pedal interventions M. Manzi via satellite from Palermo

11:00 – 12:30
Symposium: In-stent restenosis and re-dos – insights and updates
supported with an unrestricted educational grant by Spectranetics
Chairman: J. van den Berg
Moderators: R. Gandini, P. Peeters
Introduction by the chairman
11:05 – 11:15
ISR – a different kind of lesion Th. Zeller via satellite from Bad Krozingen
11:15 – 11:40
Live case transmission from Palermo
11:40 – 11:50
The value of DEB and atherectomy R. Gandini
11:50 – 12:15
Live case transmission from Leipzig
12:15 – 12:25
Re-dos – case studies P. Peeters
12:25 – 12:30
Discussion and conclusion

12:35 – 13:20
Lunch symposium: Challenges in venous recanalisation and endovascular reconstruction
supported with an unrestricted educational grant by Cook Medical
Chairman: M. Lichtenberg
Moderators: N. Kucher, G. O’Sullivan
Introduction by the chairman
12:35 – 12:40
Case presentations N. Kucher, G. O’Sullivan
12:40 – 13:15
Discussion and conclusion

13:30 – 16:00
Endovenous therapies of varicose veins
Chairmen: K. Brachmann, T. Noppeney
Moderators: M. Tembulatow, A. Szabo, C. Wittens, B. Harnoss
- Live case transmission from Leipzig
13:30 – 14:00
Treatment strategies for varicose veins – status update 2014 K. Brachmann
14:00 – 14:10
VNUS Closure Fast – 5 year data from a randomized clinical trial T. Noppeney
14:10 – 14:20
Live case transmission from Bad Krozingen
14:20 – 14:50
Technical tips and tricks of venous ablation therapy in challenging anatomies C. Wittens
14:50 – 15:00
Implementation of endovenous and surgical treatment into a successful treatment algorithm for postthrombotic syndroms M. Tembulatow
15:00 – 15:10
Mechano-chemical ablation for endovenous occlusion. First results A. Szabó
15:10 – 15:20
Live case transmission from Leipzig
15:20 – 15:50
Discussion and conclusion

16:00 – 17:30
LINC Expert Course: Advanced CTO techniques
- with Andrej Schmidt live from Leipzig
Chairman: G. Biamino
Moderators: S. Ramee, S. Kum
Flash presentations:
IVUS guidance for peripheral arterial and venous indications F. Fanelli
Latest tips and tricks for CTOs from Japan K. Urasawa
Retrograde recanalisation and puncture techniques for in-stent occlusions and native CTOs M. Piorkowski

Discussion and conclusion
09:00 – 10:00 Symposium: Advancing the field of thrombus management with EKOS: Results and reflections from the recent clinical trials and real-world data supported with an unrestricted educational grant by EKOS Corporation, a BTG International group company

Chairman: B. Katzen

Introduction by the chairman

Clinical evidence for ultrasound accelerated thrombolysis in pulmonary embolism: a critical review of the ULTIMA study and other recent clinical trials N. Kucher

The increasing role of EKOS in treating pathological thrombi in the arterial and venous circulation B. Katzen

Simplifying the treatment algorithm for acute DVT with EKOS: Results from the Maastricht experience and update on the Dutch CAVA trial C. Wittens

Discussion and conclusion

10:30 – 11:30 Endoluminal bypass: Interactive case discussion

Chairman: J. Fernandez Noya

Complex SFA lesion M. Reijnen

Popliteal artery aneurysm N. Chakfé

Dialysis access revision D. Savio

Discussion and conclusion

13:30 – 14:30 Vascular stent design matters: Interactive case discussion

Chairman: U. Teichgräber

SFA lesion G. Krupski-Berdien

Popliteal artery lesion K. Katsanos

External iliac artery lesion G. Pratesi

Discussion and conclusion

15:30 – 16:30 VIVA @ LINC: The worst complication I had this year, I should have seen it coming

Chairman: T. Das

Moderators: M. Dake, K. Rocha-Singh, J. Laird, M. Mehta, J. Rundback

This is a case-based session focusing on real cases with challenges and complications that make the experts sweat. Audience participation is encouraged and step-by-step case management is featured and discussed.

Deep Dive Session: Renal Denervation I

Chairmen: K. Rocha-Singh, H. Sievert

Moderators: S. Ramee, S. Nikol, E. Blessing

The status of clinical evidence for RDN in therapy-refractory hypertension

Debate: Is renal denervation really ready for prime time?

Yes, it’s a safe and effective technique H. Sievert

Be cautious! There are more questions than answers R. Schmieder

Beyond office blood pressure measurements – the role of ambulatory blood pressure and considerations for a clinical outcome trial on RDN D. Dudek

How to approach moderate treatment-resistant hypertension?

How should we define responsiveness? K. Rocha-Singh

Panel discussion

New insights and advanced techniques in renal denervation

What have we learned about our target? Sympathetic nerve distribution and implications for therapy strategies R. Virmani

How to manage difficult anatomies and implications for device selection B. Vogel

What is the advantage of irrigated RF systems? K.-H. Kuck

Non-focused ultrasound: Early clinical experience with the TIVUS system E. Blessing

Panel discussion

Paradise – A novel ultrasound-based approach for renal denervation

Supported with an unrestricted educational grant by ReCor Medical

Chairman: K.-H. Kuck

Moderator: M. Sapoval

Live case transmission from Bad Krozingen

The advantages of non-focused ultrasound energy for renal denervation K.-H. Kuck

The pathophysiological view: The effects of ultrasound energy in the renal arteries R. Virmani

Clinical results and future innovations with the Paradise system M. Sapoval

Panel discussion

Deep Dive Session: Renal Denervation II

Chairmen: W. Gray, P. Sobotka

Moderators: D. Dudek, J. Beige, G. Hindricks

New horizons for renal denervation and systemic sympathetic nerve modification – early insights and update on potential indications for RDN

Renal denervation in patients with renovascular disease Y. Bausback

Renal denervation in patients with heart failure H. Sievert

Renal denervation for optimisation of arrhythmia control G. Hindricks

Non-renal targets for sympathetic modification P. Sobotka

Experience with carotid baroreceptor stimulation in severe refractory hypertension J. Beige

Safety and performance of urinary bladder electrical stimulation in acute decompensated heart failure A. Erglis

Panel discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>11:00</td>
<td>Nurse and Technician Forum – Part I</td>
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<tr>
<td></td>
<td><strong>Chairmen:</strong> M. Werner, E. Ducasse</td>
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<tr>
<td>11:00</td>
<td><strong>Basic techniques in peripheral interventions</strong></td>
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<td>11:10</td>
<td>Step by step: Carotid artery stenting procedures K. Mathias</td>
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<td>11:20</td>
<td>Step by step: Infrapopliteal revascularisation A. Micari</td>
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<td>11:30</td>
<td>Step by step: How I treat SFA lesions DD. Do</td>
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<td>11:40</td>
<td>Step by step: Hybrid procedures for peripheral obstructive disease H. Staab</td>
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<td>11:46</td>
<td>Round table discussion</td>
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<td>11:56</td>
<td>Vascular diagnostics prior to angioplasty: needs and pitfalls M. Haumer</td>
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<td>12:06</td>
<td>How do I choose the appropriate closure device E. Ducasse</td>
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<td>12:16</td>
<td>Medical therapy after angioplasty/stenting M. Werner</td>
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<td>12:35</td>
<td>Round table discussion</td>
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<tr>
<td>13:00</td>
<td><strong>Challenging EVAR cases and complications – Part II</strong></td>
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<td><strong>Chairmen:</strong> P. Cao, P. Kelly</td>
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<td><strong>Moderators:</strong> D. Raithel, R. Rückert</td>
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<td>12:35</td>
<td>Outcomes of intentional left subclavian artery coverage during TEVAR</td>
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<td>12:40</td>
<td>in patients with traumatic aortic injury – a quality of life study A. Azizzadeh</td>
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<td>12:45</td>
<td>Repair of innominate artery pseudoaneurysm and tracheo-innominate fistula with a modified endovascular graft E. Lipsitz</td>
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<td>12:50</td>
<td>Novel measure to counter access trouble in TEVAR cases – external iliac artery approach using TRIMLINE vertebral retractor S. Kondo</td>
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<td>13:00</td>
<td>Contra-lateral limb cannulation technique during EVAR for hostile neck J. K. Kim</td>
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<td>13:05</td>
<td>Techniques for successful percutaneous EVAR D. Schneider</td>
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<td>13:10</td>
<td>Open management of Type II endoleaks after failed coil embolisation L. Sprouse</td>
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<td>13:30</td>
<td><strong>Nurse and Technician Forum – Part II</strong></td>
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<td><strong>Chairmen:</strong> K. Keirse, J. van den Berg</td>
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<td>13:30</td>
<td><strong>Aortic interventions</strong></td>
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<td>Thoracic endovascular aortic repair (TEVAR): Indications and basic procedure T. Kölbl</td>
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<td>13:40</td>
<td>Abdominal aortic aneurysm: Basics of endovascular repair J. van den Berg</td>
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<td>13:50</td>
<td>Transcatheter aortic-valve implantation (TAVI): Indications and basic procedure A. Linke</td>
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<td>14:00</td>
<td>Round table discussion</td>
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<td>14:06</td>
<td>What is endovascular atherectomy and which devices are out there? K. Keirse</td>
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<td>14:16</td>
<td>Drug-eluting devices E. Minar</td>
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<td>14:26</td>
<td>Re-entry devices for CTOs K. Keirse</td>
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<td>14:36</td>
<td>Endovascular treatment of chronic venous insufficiency E. Singer</td>
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<td>14:46</td>
<td>Round table discussion</td>
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<tr>
<td>14:52</td>
<td><strong>Endovascular treatment of hypertension</strong></td>
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<td>Treating hypertension by renal artery stenting P. Schneider</td>
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<td>15:02</td>
<td>Treating hypertension by renal denervation Y. Bausback</td>
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<td>15:12</td>
<td>Round table discussion</td>
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<td>15:18</td>
<td><strong>Emergencies in the cathlab</strong></td>
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<td>Complications in the cathlab, and what the team learned from it M. Brodmann</td>
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<td>15:28</td>
<td>Bleeding complications and puncture site complications S. Müller-Hulsbeck</td>
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<td>15:38</td>
<td>Endovascular repair of ruptured abdominal aneurysms P. Peeters</td>
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<td>15:48</td>
<td>Round table discussion</td>
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<td>15:54</td>
<td><strong>Limb salvage</strong></td>
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<td>Chronic limb ischemia: Preventing amputations – an interdisciplinary challenge S. Steiner</td>
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<td>16:04</td>
<td>Treatment of the diabetic foot – the how and why G. de Donato</td>
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<td>16:14</td>
<td>Acute limb ischemia – therapeutic options M. Shishehbor</td>
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<td>16:24</td>
<td>Round table discussion</td>
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<td>16:30</td>
<td><strong>Strategies for crossing complex femoropopliteal and BTK lesions</strong></td>
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<td>Subintimal or intraluminal, which way to go? K. Deloose</td>
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<td>14:18</td>
<td>Which wire for which lesion and why? JM. Pernes</td>
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<td>16:40</td>
<td>Retrograde recanalisation – indications and techniques M. Werner</td>
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<td>16:50</td>
<td>Round table discussion</td>
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Electronic posters will be displayed from 08:00 – 12:30

09:30 – 10:50
Moderated poster round in front of the LINC studio
Jurors: P. Schneider, V. Rambau

Endovascular surgery/aortic
09:30 – 09:35
Emergency repair of a giant renal arterio-venous fistula with a wideneck using Amplatzer plugs A. Saratzis
09:35 – 09:40
Modified hybrid debranching technique to treat large subclavian artery aneurysm A. Saratzis
09:40 – 09:45
Bilateral iliac recanalisation for management of limb ischemia in patient with Type A aortic dissection P. Rodríguez
09:45 – 09:50
Endovascular repair for severe late failure of Zenith stent graft 2000 model S. Onozawa
09:50 – 09:55
Total endovascular repair of a ruptured abdominal aortic aneurysm with aorto-caval fistula E. Willigendaal
09:55 – 10:00
Complete endovascular aortic arch aneurysm repair P. Kelly
10:00 – 10:05
Struggling with delivery system removal: a challenging technical issue during endovascular aortic aneurysm repair [EVAR] for AAA with severe neck angulation K. Hongku
10:05 – 10:10
TAA or malignancy S. Navaratne

Miscellaneous
10:10 – 10:15
Endovascular treatment pseudoaneuysm of the right iliac artery with arteriovenous fistula arose after spinal disc surgery M. Generalov
10:15 – 10:20
10:20 – 10:25
Muscular flap for treatment of secondary aortoesophageal fistula after thoracic endovascular aortic repair I. Ruiz
10:25 – 10:30
Endovascular treatment of massive hemoptyis by bronchial artery embolisation A. Svare
10:30 – 10:35
EVAR in pelvi kidney A. Lemos Junior

PVD/aorto-iliac
10:35 – 10:40
Complex BTK treatment: recanalisation via a collateral artery – what is possible with modern guidewires and catheters? C. Lüdtke

PVD/below the knee
10:40 – 10:45
Complications bonded to popliteal artery injury are a rare event that can occur during or after the knee surgery L. Garraboli
10:45 – 10:50
Complete endovascular iliofemoralpopliteal recanalisation B. Moors

THURSDAY 30, 2014 (cont.)

Electronic posters will be displayed from 13:00 – 18:00

13:30 – 14:40
Moderated poster round in front of the LINC studio
Jurors: G. Biamino, K. Mathias

PVD/femoropopliteal
13:30 – 13:35
When upper limbs are no longer available for autologous arteriovenous fistula (AVF), femoro-saphenous arteriovenous access on the thigh is a good option A. Rodriguez-Morata
13:35 – 13:40
AV fistula post safari technique for distal popliteal artery occlusion, treated with cooling via venous route B. Shafi

Supra-aortic/carotid
13:40 – 13:45
Endovascular treatment of inadvertent injury to subclavian artery during dialysis access T. Rana
13:45 – 13:50
Treatment of an aneurysm of the arcus aorta with a double chimney technique P. van Shaik
13:50 – 13:55
Vascular surgeons are used to treating symptomatic atherosclerotic lesions at the carotid bifurcation, sometimes at the origin of the common carotid artery (cca), and even tandem lesions. In contrast, thromboembolic occlusion of the supra-aortic vessels is very rare E. Chisci
13:55 – 14:00
Male, hypertensive patient presented with post cabg status and severe angina T. Madan
14:00 – 14:05
Left internal carotid artery stenting in a case with Type III aortic arch R. Vijayvergiya
14:05 – 14:10
Urgent treatment of non-intentional coverage of supra-aortic trunks during endovascular stent graft repair for thoracic aortic disease J. Ruiz
14:10 – 14:15
Aberent right subclavian artery (arsa), when and how to do? M. Elsherif

Venous disease
14:15 – 14:20
Endovascular conversion of malfunctioning iliac vein stent to double barrel kissing stents improved clinical symptomatology W-H. Hsu
14:20 – 14:25
Male, 23 yrs old presented with bilateral lower limb swelling and abdominal distension T. Madan
14:25 – 14:30
Post permanent pacemaker implantation, endovascular treatment of subclavian vein stenosis R. Vijayvergiya

Others
14:30 – 14:35
DEB – a solution for recurrent multiple pulmonary vein stenoses (pvs) complicating rf catheter ablation of paroxysmal refractory atrial fibrillation (praf) – a case series S. Kudrnova

PVD/below the knee
14:35 – 14:40
Endovascular repair of a post-traumatic anterior tibial pseudoaneurysm and concomitant peroneal arteriovenous fistula: case report G. Di Matteo
Join us for brunch, served from 08:45am until 12:00pm

09:00 – 12:15

Critical issues in aortic endografting
Chairmen: M. Makaroun, R. Chiesa
Moderators: M. van Sambeek, S. Kum, J.P. Becquemin, E. Verhoeven,
G. Torsello, A. Lobato
09:00 – 09:20 ■ Live case transmission from Münster
09:20 – 09:28 EVAR improves outcomes of elective and ruptured AAA  M. Schermerhorn
09:28 – 09:36 Scientific and clinical value of contemporary EVAR post market registries:
The ENGAGE case example  H. Verhagen
09:36 – 09:44 Long-term results with the Endurant stentgraft:
The Münster single center experience with 700+ patients  Th. Bisdas
09:44 – 09:52 The real life GORE® GREY registry: Latest clinical evidence
and ongoing modules  P. Vriens
09:52 – 10:00 TREVANCE in EVAR: Latest results on ADVANCE, BENEFIT and
RATIONALE clinical studies  V. Raimbau
10:00 – 10:08 Multicenter registry to evaluate the performance of chimney and
periscope grafts  K. Donas
10:08 – 10:16 Thinking out of the box: innovative solutions for challenging EVAR cases –
Nellix and beyond  D. Böckler
10:16 – 10:24 Limb occlusions – can they be prevented?  J.P. Becquemin
10:24 – 10:44 ■ Live case transmission from Leipzig
10:44 – 10:52 One year experience with complete endovascular repair of thoracoabdominal
aneurysms by compartmentalizing aortic flow  P. Kelly
10:52 – 11:00 Custom-made vs. off-the-shelf multibranched endografts for endovascular
repair of TAAA  M. Austermann via satellite from Münster
11:00 – 11:08 My experience with parallel graft techniques as an off-the-shelf solution
for complex aortic aneurysms  A. Lobato
11:08 – 11:16 Update on understanding and management of PAU and IMH  F. Criado
11:16 – 11:24 Retrograde Type A dissections after EVAR – insights from surgical
re-do procedures  M. Borger
11:24 – 11:43 ■ Live case transmission from Münster
11:43 – 11:51 Prevention and treatment of Type I endoleaks with the Aptus system  P. Kasprak
11:51 – 11:59 Late Type I endoleak are better treatable by chimneys  K. Donas
11:59 – 12:07 Innovative system for iliac branch procedures:
The new GORE® EXCLUDER® Iliac Branch Endoprosthesis  F. Verzini
12:07 – 12:15 9-year experience with the use of iliac side branch devices
in more than 160 patients  G. Torsello

After completion of the programme, buses will leave from the congress venue directly to:
– the airport,
– the trainstation,
– as well as back to the city center.
At LINC 2014 we offer our participants a shuttle service to and from the Messe Leipzig.

Bus shuttles will be leaving every morning:
- Tuesday at 07:00am
- Wednesday at 6:45am (Breakfast Session) and 07:15am
- Thursday at 07:15am
- Friday at 08:20am

in front of the following hotels:
- Balance Hotel Leipzig Alte Messe
- City Partner Suite Hotel
- Hotel Fürstenhof
- Hotel Michaelis
- InterCityHotel
- Marriott Hotel Leipzig
- Mercure Hotel Art Leipzig
- Mercure Hotel Leipzig Am Johannisplatz
- NH Hotel Leipzig Messe
- Novotel Leipzig City
- Pentahotel Leipzig
- Radisson Blu Hotel
- Ramada Hotel Leipzig
- Ramada Hotel Leipzig City Centre
- Sachsenpark-Hotel
- Seaside Park Hotel
- Steigenberger Grandhotel
- The Westin Hotel
- Victor's Residenz-Hotel

These shuttles are also available in the evening for the return trip.

From the city center:
- Tramway 16 leaves every 10 minutes from the central train station to the Trade Fair Leipzig (last stop: „Messegelände”). This ride will take 19 minutes. There will be shuttle buses from the tramway stop to the entrance east.
- Every 30 minutes a train, as well as lines S1, S2 or S5 leave from the central station to “Leipzig–Neue Messe”. The ride will take 6 minutes. From the stop to entrance East you can either walk (approx. 20 minutes) or take tramway 16.

From the airport:
- The airport express (train) leaves every 60 minutes and will bring you to the “Leipzig–Neue Messe”. From the stop to entrance east you can either walk (approx. 20 minutes) or take tramway 16.

There will be shuttle buses from the tramway stop to the Entrance East.