

LINC 2013 Exhibitors

Aachen Resonance www.aachen-resonance.com
Abbott Vascular www.abbott.com
Aptus www.aplusendosystems.com
Argon Medical Devices www.argonmedical.com
Asahi Intecc www.asahi-intecc.com
Atrium www.atriummed.com
Avinger www.avinger.com
B. Braun Melsungen www.bbraun.de
Bayer HealthCare www.healthcare.bayer.de
Bentley Innomed www.bentley-innomed.com
BIOTRONIK www.biotronik.com
Boston Scientific
www.bostonscientific-international.com
Cardionovum www.cardionovum.eu
Cook Medical www.cookmedical.com
Cordis www.cordis.com
Covidien www.covidien.com
C. R. Bard www.crbard.com
CX Symposium www.cxvascular.com
EKOS Corporation www.ekoscorp.com
Endologix International www.endologix.com
Endoscout www.endoscout.de
Endovascular Today www.evtoday.com
EUROCOR www.eurocor.de
Gore & Associates www.gore.com
Hansen Medical www.hansenmedical.com
IDEV www.idevtechnologies.com
Joline www.joline.de
JOTEC www.jotec.com
Kyoto Medical Planning www.kyoto-mp.co.jp
LeMaitre www.lemaitre.com
MediTech www.meditech.nl
Medtronic www.medtronic.com
Mentice www.mentice.com
Minerva Medica www.minervamedica.it
Optimed www.opti-med.de
Oscillon
Pan Medical www.pan-medical.co.uk
Qualimed www.qualimed.de
Siemens www.siemens.com
SITE www.sitesymposium.org
Spectranetics International www.spectranetics.com
St. Jude Medical www.sjm.com
Straub Medical www.straubmedical.com
Teleflex Medical www.teleflex.com
TeraRecon www.terarecon.com
Terumo www.terumo-europe.com
Thermopeutix
TriReme Medical www.trirememedical.com
TriVascular www.trivascular.com
Upstream Peripheral Technologies
www.upstreamperipheraltechnologies.com
VIVA www.vivapvd.com
wisepress www.wisepress.com

The Venue

Trade Fair Leipzig, Hall 5
Messe Allee 1
04356 Leipzig, Germany

www.leipziger-messe.de



Congress Production



Provascular GmbH
Sonnenleite 3
91336 Heroldsbach
Germany

www.provascular.de

Congress Organisation



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and More GmbH**
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www.cong-o.com

LEIPZIG INTERVENTIONAL COURSE 2013

LINC

January 23 – 26, 2013

Trade Fair Leipzig, Hall 5
Messe-Allee 1, 04356 Leipzig,
Germany

Course Directors

Dierk Scheinert
Giancarlo Biamino
Andrej Schmidt
Gerhard Schuler
Friedrich Wilhelm Mohr

www.leipzig-interventional-course.com

Welcome to LINC 2013

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 and North 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 2013.



The Venue

Trade Fair Leipzig, Hall 5
Messe-Allee 1
04356 Leipzig, Germany
www.leipziger-messe.de

Main Arena 1

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

2

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

Technical Forum

3

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

4

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

5

Renowned experts from around the globe 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 2012, LINC Asia-Pacific was arranged for the fourth time, attracting 586 attendees from the Asia-Pacific region. LINC Asia-Pacific 2013 will take place from March 18–20, 2013, 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
www.lincasiapacific.com, www.lincasiapacific.cn

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 back-ground of region-specific experiences and techniques, also incorporating selected pre-recorded and live cases.

LINC 2013 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 first 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.

Emerging technologies

- Usage of drug-eluting stents and balloons and their clinical relevance
- Information about renal denervation therapy
- Mechanism of action and results
- Retrograde recanalization techniques

Practical tips and tricks

- Indication and usage of atherectomy devices
- Closure devices: When to use which and how
- Carotid artery stenting
- Techniques and pitfalls – emergencies in the cath lab

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

In 2013 we are very happy to continue extending our international collaboration with leading vascular courses:



CX @ LINC 2013

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 2013

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.



LINC meets ISET

The ISET meeting is one of the longest running and leading multidisciplinary interventional live meetings in the US, with a strong focus in interventional radiology. In an attempt to facilitate a transatlantic discussion of innovation in the vascular field, the concurrently running ISET meeting in Miami and LINC 2013 will join on Wednesday afternoon for a transatlantic live session on innovative endovascular techniques.



TCT @ LINC

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 carotid interventions.



CICE @ LINC

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.

Live case transmission

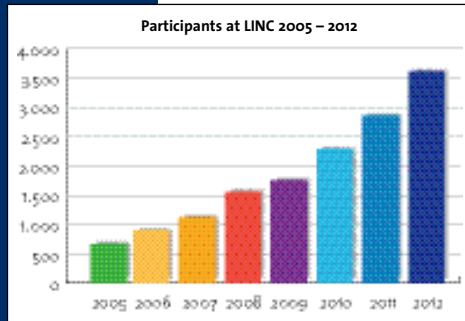
During LINC 2013 more than 90 live cases will be performed from 11 international centers. All live case transmissions are coordinated, filmed, and produced by the mediAVentures crew, using the latest in high definition television and wireless technology.

- **Park Hospital and Heart Center Leipzig**, Leipzig, Germany
- **St. Franziskus Hospital**, Münster, Germany
- **Evangelisches Krankenhaus Königin Elisabeth Herzberge**, Berlin, Germany
- **Baptist Health South Florida**, Miami, USA
- **Universitätsspital Schweizer Herz- und Gefäßzentrum**, Bern, Schweiz
- **São Paulo Vascular and Endovascular Surgery Institute**, São Paulo, Brazil
- **Casa di Cura Privata Montevergine**, Mercogliano, Italy
- **Texas Health Presbyterian Dallas**, Dallas, USA
- **Asklepios Klinik St. Georg**, Hamburg, Germany
- **Medical Care Center, Prof. Mathey, Prof. Schofer**, Hamburg, Germany
- **Klinikum Ludwigsburg**, Ludwigsburg, Germany



LINC 2012 STATISTICS

LINC 2012 had a multidisciplinary attendance of 3.607 participants from more than 60 countries. Please visit our website for more details.



LINC 2013 – Accreditations and Endorsements

- The Sächsische Landesärztekammer with 24 CME points.
www.slaek.de
- The Swiss Society for Angiology with 30 CME points.
www.angioweb.ch
- The Dutch Association for Vascular Surgery with 20 accreditation points in Category I
www.vaat-chirurgie.nl



LINC 2013 is under the patronage of:

- The German Society of Vascular Surgery
www.gefaesschirurgie.de
- The German Society for Angiology
www.dga-online.org
- The German Cardiac Society
www.dgk.org



LINC 2013 is endorsed by:

- The Belgian Society for Vascular Surgeons
www.belsurg.org
- The Italian Society of Vascular and Endovascular Surgery
www.sicve.it
- ISET
The International Symposium on Endovascular Therapy
www.iset.org
- VIVA
The National Education Course for Vascular Intervention and Medicine
www.vivapvd.com



Get the LINC 2013 app for iPhone, iPad, and iPod!



Programme
sort the LINC programme by day, room, or faculty member and interviews



Live Cases
sort the LINC live cases by day, center, or operator and review your favorite live cases the following day



Faculty
view the schedule of your favourite faculty members



Exhibitors
view the list of all LINC exhibitors



General Information
get all important informations about and around LINC



Get the LINC app now!
With a QR reader or visit the app store

At LINC 2013 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 2013. The app features an „add to my calendar“-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.

Internet access is available for free in the exhibit area:

Username: linc2013, Password: leipzig

This app was made possible by the friendly and generous support of



GENERAL INFORMATION

Registration desk

The registration desks are located in Entrance Hall East and will be open on:

Wednesday, January 23,	07:00 – 18:00
Thursday, January 24,	06:50 – 18:00
Friday, January 25,	07:30 – 18:00
Saturday, January 26,	08:30 – 12:00

Exhibit hours

Wednesday, January 23,	08:00 – 18:00
Thursday, January 24,	08:00 – 18:00
Friday, January 25,	08:00 – 18:00
Saturday, January 26,	09:00 – 14:00

Your **name badge** must be worn at all times for admittance to all LINC 2013 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. **Username: linc2013, Password: leipzig**

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 2013 app for iPhone, iPad, and iPod

At LINC 2013 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 2013. The app features an "add to my calendar"- 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.

Information desk

For your convenience we have arranged for an information desk in hall 5. You will be able to obtain information/make reservations regarding local restaurants, hotels, ticket sales, etc.

Restaurant

At LINC 2013 you have the opportunity to visit our restaurant right next to hall 5. 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 Friday, January 25, 2013, can be purchased at the registration desk from Thursday afternoon until Friday on a first comes – first serves basis.

PAVILIONS

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 2013, Abbott Vascular's Innovation Pavilion will offer you the opportunity to test the latest and pipeline technology in the 'Hands-on and future technologies' zone.

Discover and discuss prototypes with our engineering team. Experience and challenge therapeutic strategies with experts in an interactive case format and interact with key opinion leaders on access management, guide wire techniques and large hole closure.

Gore Learning Center

Take advantage of state of the art educational opportunities at the Gore Pavilion:

- Visit our learning center sessions and interactive workshops on PAD, AAA and TAA and TIPS treatments
- Join our virtual simulator sessions to practice real patient-specific cases on AAA and TAA stenting—learn about the newest advancements in medical simulation technology

SCIENTIFIC COMMITTEE

Iris Baumgartner, Angiologist, *Bern, Switzerland*
Giancarlo Biamino, Cardiologist, Angiologist, *Mercogliano, Italy*
Piergiorgio Cao, Vascular Surgeon, *Rome, Italy*
Roger Greenhalgh, Vascular Surgeon, *London, The United Kingdom*
Michael Jaff, Angiologist, *Boston, USA*
Friedrich Wilhelm Mohr, Cardiac Surgeon, *Leipzig, Germany*
Dierk Scheinert, Cardiologist, Angiologist, *Leipzig, Germany*
Andrej Schmidt, Cardiologist, Angiologist, *Leipzig, Germany*
Gerhard Schuler, Cardiologist, *Leipzig, Germany*
Karl-Ludwig Schulte, Angiologist, *Berlin, Germany*
Giovanni Torsello, Vascular Surgeon, *Münster, Germany*
Thomas Zeller, Cardiologist/Angiologist, *Bad Krozingen, Germany*



LIVE CASE COMMITTEE

Gary Ansel, Cardiologist, *Columbus, USA*
Martin Austermann, Vascular Surgeon, *Münster, Germany*
Alberto Cremonesi, Cardiologist, *Cotignola, Italy*
Ralf Langhoff, Angiologist, *Berlin, Germany*
Felix Mahler, Angiologist, *Bern, Switzerland*
Antonio Micari, Cardiologist, *Palermo, Italy*
Andrej Schmidt, Cardiologist, Angiologist, *Leipzig, Germany*
Giovanni Sorropago, Cardiologist, *Mercogliano, Italy*
Eugenio Stabile, Cardiologist, *Mercogliano, Italy*
Frank Vermassen, Vascular Surgeon, *Gent, Belgium*
Thomas Zeller, Cardiologist/Angiologist, *Bad Krozingen, Germany*

INVITED FACULTY

Flavio Airoidi, Cardiologist, *Milano, Italy*
Bagrat Alekyan, Cardiologist, *Moscow, Russia*
Max Amor, Cardiologist, *Essey-lès-Nancy, France*
Martin Andrassy, Interventional Cardiologist, *Heidelberg, Germany*
Jörn Balzer, Interventional Radiologist, *Mainz, Germany*
Ruy Otavio Barbosa, Vascular and Endovascular Surgeon, *São Paulo, Brazil*
Stanislav Bartus, Cardiologist, *Krakow, Poland*
Steffen Basche, Interventional Radiologist, *Erfurt, Germany*
Yvonne Bausback, Angiologist, *Leipzig, Germany*
Jean-Pierre Becquemin, Vascular Surgeon, *Paris, France*
Jörg Berrouschot, Neurologist, *Altenburg, Germany*
Ulrich Beschoner, Angiologist, *Bad Krozingen, Germany*
Erwin Blessing, Cardiologist, *Heidelberg, Germany*
Dittmar Böckler, Vascular Surgeon, *Heidelberg, Germany*
Amman Bolia, Interventional Radiologist, *Leicester, The United Kingdom*
Marc Bosiers, Vascular Surgeon, *Dendermonde, Belgium*
Spiridon Botsios, Vascular Surgeon, *Leipzig, Germany*
Karin Brachmann, Vascular Surgeon, *Borna, Germany*
Daniela Branzan, Vascular Surgeon, *Leipzig, Germany*

INVITED FACULTY

Sven Bräunlich, Angiologist, *Leipzig, Germany*
Marianne Brodmann, Angiologist, *Graz, Austria*
Jan Brunkwall, Vascular Surgeon, *Köln, Germany*
Christophe Bureau, Hepatologist, *Toulouse, France*
Jacques Busquet, Vascular Surgeon, *Paris, France*
Carlo Caravaggi, Vascular Surgeon, *Milano, Italy*
Arindam Chaudhuri, Vascular Surgeon, *Bedford, The United Kingdom*
Angelo Cioppa, Cardiologist, *Mercogliano, Italy*
Trevor Cleveland, Vascular Radiologist, *Sheffield, The United Kingdom*
Anthony J. Comerota, Vascular Surgeon, *Toledo, USA*
Gioacchino Coppi, Vascular Surgeon, *Milano, Italy*
Michael Dake, Cardiologist, *Stanford, USA*
Tony Das, Interventional Cardiologist, *Dallas, USA*
Justin Davies, Consultant Interventional Radiologist, *London, The United Kingdom*
Rick de Graaf, Interventional Radiologist, *Maastricht, The Netherlands*
Jean-Paul de Vries, Vascular Surgeon, *Nieuwegein, The Netherlands*
Sebastian Debus, Vascular Surgeon, *Hamburg, Germany*
Koen Deloose, Vascular Surgeon, *Dendermonde, Belgium*
Steffen Desch, Cardiologist, *Leipzig, Germany*
Nuno Dias, Vascular Surgeon, *Malmö, Sweden*
Dai-Do Do, Angiologist, *Bern, Switzerland*
Konstantinos Donas, Vascular Surgeon, *Münster, Germany*
Eric Ducasse, Vascular Surgeon, *Bordeaux, France*
Stephan Duda, Interventional Radiologist, *Berlin, Germany*
Dariusz Dudek, Cardiologist, *Krakow, Poland*
Michael Edmonds, Diabetologist, *London, The United Kingdom*
Rolf Engelberger, Angiologist, *Bern, Switzerland*
Andrej Erglis, Cardiologist, *Riga, Latvia*
Fabrizio Fanelli, Interventional Radiologist, *Rome, Italy*
Roberto Ferraresi, Interventional Cardiologist, *Milano, Italy*
Robert Fisher, Vascular and Endovascular Surgeon, *Liverpool, The United Kingdom*
Josef Friedenberger, Angiologist, *Leipzig, Germany*
Massimiliano Fusaro, Interventional Cardiologist, *München, Germany*
Johannes Gahlen, Vascular Surgeon, *Ludwigsburg, Germany*
Peter Gaines, Interventional Radiologist, *Sheffield, The United Kingdom*
Lawrence Garcia, Cardiologist, *Boston, USA*
Reza Ghotbi, Vascular Surgeon, *München, Germany*
Hans Martin Gißler, Interventional Radiologist, *Bad Säckingen, Germany*
Yann Gouëffic, Vascular Surgeon, *St. Herblain, France*
Peter Goverde, Vascular Surgeon, *Antwerp, Belgium*
William Gray, Cardiologist, *New York, USA*
Justus Gross, Vascular Surgeon, *Kiel, Germany*
Andreas Gussmann, Vascular Surgeon, *Bad Saarow, Germany*
Mathias Gutberlet, Interventional Radiologist, *Leipzig, Germany*
Alison W. Halliday, Vascular Surgeon, *Oxford, The United Kingdom*
Nader Hamada, Vascular Surgeon, *Galway, Ireland*
Mohamad Hamady, Interventional Radiologist, *London, The United Kingdom*
Bernd-Michael Harnoss, Vascular Surgeon, *Leipzig, Germany*
Nick Hopkins, Neurosurgeon, *Buffalo, USA*
Peter Huppert, Interventional Radiologist, *Darmstadt, Germany*
Osamu Iida, Cardiologist, *Amagasaki, Japan*

INVITED FACULTY

Hüseyin Ince, Cardiologist, *Rostock, Germany*
Sri Iyer, Interventional Cardiologist, *New York, USA*
Jim Joye, Cardiologist, *Mountain View, USA*
Michael Jünger, Dermatologist, *Greifswald, Germany*
Piotr Kasprzak, Vascular Surgeon, *Regensburg, Germany*
Marcus Katoh, Interventional Radiologist, *Krefeld, Germany*
Barry Katzen, Interventional Radiology, *Miami, USA*
Koen Keirse, Vascular Surgeon, *Tienen, Belgium*
Sverre Kjeldsen, Cardiologist, *Oslo, Norway*
Matthias Knittel, Angiologist, *Bad Krozingen, Germany*
Tilo Kölbl, Vascular Surgeon, *Hamburg, Germany*
Ralf Kolvenbach, Vascular Surgeon, *Düsseldorf, Germany*
Stavros Konstantinides, Cardiologist, *Mainz, Germany*
Nils-Einar Kløw, Interventional Radiologist, *Oslo, Norway*
Antonin Krajina, Interventional Radiologist, *Hradec Kralove, Czech Republic*
Hans Krankenberg, Cardiologist, *Hamburg, Germany*
Gerrit Krupski-Berdién, Interventional Radiologist, *Reinbek, Germany*
Dusan Kucera, Cardiologist, *Czech Republic*
Nils Kucher, Cardiologist, *Bern, Switzerland*
Karl-Heinz Kuck, Cardiologist, *Hamburg, Germany*
Vinay Kumar, Vascular Surgeon, *Laurel, USA*
Mario Lachat, Vascular Surgeon, *Zürich, Switzerland*
Johannes Lammer, Interventional Radiologist, *Wien, Austria*
Thomas Larzon, Vascular Surgeon, *Örebro, Sweden*
Michael Lichtenberg, Cardiologist, *Essen, Germany*
Francesco Liistro, Cardiologist, *Arezzo, Italy*
Hans Lindgren, Interventional Radiologist, *Helsingborg, Sweden*
Axel Linke, Cardiologist, *Leipzig, Germany*
Armando Lobato, Vascular Surgeon, *São Paulo, Brazil*
Robert Lookstein, Interventional Radiologist, *New York, USA*
Mads Lomholt, Consultant Vascular Surgeon, *Viborg, Denmark*
Alan Lumsden, Vascular Surgeon, *Houston, USA*
Martina Luxenburger-Theobald, Nurse, *Schellweiler, Germany*
Sean Lyden, Vascular Surgeon, *Cleveland, USA*
Sumaira Macdonald, Interventional Radiologist, *Newcastle, The United Kingdom*
Juraj Madaric, Cardiologist, *Bratislava, Slovakia*
Lieven Maene, Vascular Surgeon, *Aalst, Belgium*
Michel Makaroun, Vascular Surgeon, *Pittsburgh, USA*
Geert Maleux, Vascular Surgeon, *Leuven, The Netherlands*
Hannu Manninen, Interventional Radiologist, *Kuopio, Finland*
Marco Manzi, Interventional Radiologist, *Abano Terme, Italy*
Enrico Marone, Vascular Surgeon, *Milano, Italy*
Klaus Mathias, Interventional Radiologist, *Dortmund, Germany*
Robert Melder, Preclinical Development, *Santa Rosa, USA*
Oscar Mendiz, Cardiologist, *Buenos Aires, Argentina*
Christopher Metzger, Interventional Cardiologist, *Kingsport, USA*
Ross Milner, Vascular Surgeon, *Chicago, USA*
Zoran Milosevic, Neuroradiologist, *Ljubljana, Slovenia*
Erich Minar, Angiologist, *Vienna, Austria*
Peter Minko, Interventional Radiologist, *Homburg/Saar, Germany*

Martin Misfeld, Cardiac Surgeon, *Leipzig, Germany*
Frans Moll, Vascular Surgeon, *Utrecht, The Netherlands*
Piero Montorsi, Cardiologist, *Milano, Italy*
Pramook Mutirangura, Vascular Surgeon, *Bangkok, Thailand*
Stefan Müller-Hülsbeck, Interventional Radiologist, *Kiel, Germany*
Darren Mylotte, Interventional Cardiologist, *Montreal, Canada*
Paul Myers, Vascular Surgeon, *New Lambton Heights, Australia*
Krzysztof Narkiewicz, Cardiologist, *Gdansk, Poland*
Christoph Nienaber, Cardiologist, *Rostock, Germany*
Sigrid Nikol, Cardiologist/Angiologist, *Hamburg, Germany*
Thomas Nolte, Vascular Surgeon, *Bad Bevensen, Germany*
Thomas Noppeney, Vascular Surgeon, *Nürnberg, Germany*
Jorge Fernandez Noya, Vascular Surgeon, *Santiago de Compostela, Spain*
Piotr Odrowaz-Pieniazek, Cardiologist, *Krakow, Poland*
Gerard O'Sullivan, Interventional Radiologist, *Galloway, Ireland*
John Paul Pacanowski, Vascular Surgeon, *Tucson, USA*
Juan Carlos García Pagán, Consultant Hepatologist, *Barcelona, Spain*
Paresh R. Pai, Vascular Surgeon, *Mumbai, India*
Andrea Pascotto, Interventional Cardiologist, *Mestre, Italy*
Pankaj Patel, Vascular Surgeon, *Mumbai, India*
Patrick Peeters, Vascular Surgeon, *Bonheiden, Belgium*
Jean Marc Pernes, Interventional Radiologist, *Antony, France*
Michael Piorkowski, Angiologist, *Leipzig, Germany*
Graham Plant, Consultant Interventional Radiologist, *Basingstoke, The United Kingdom*
Andrew Platts, Interventional Radiologist, *London, The United Kingdom*
Salah-Dine Qanadli, Interventional Radiologist, *Lausanne, Switzerland*
Claudio Rabbia, Interventional Radiologist, *Turin, Italy*
Kalkunte Rangaswamy Suresh, Vascular Surgeon, *Vasanthnagar, Bangalore*
Dieter Raithel, Vascular Surgeon, *Nürnberg, Germany*
Venkatesh Ramaiah, Vascular Surgeon, *Phoenix, USA*
Stephen Ramee, Cardiologist, *New Orleans, USA*
Thomas Rand, Interventional Radiologist, *Wien, Austria*
Richard Rapoza, Engineer, *Santa Clara, USA*
Michel Reijnen, Vascular Surgeon, *Arnhem, The Netherlands*
Vincent Riambau, Vascular Surgeon, *Barcelona, Spain*
Wolfgang Ritter, Interventional Radiologist, *Nürnberg, Germany*
Miloslav Roček, Interventional Radiologist, *Praha, Czech Republic*
Krishna Rocha-Singh, Cardiologist, *Springfield, USA*
Marco Roffi, Cardiologist, *Geneva, Switzerland*
Kenneth Rosenfield, Cardiologist, *Boston, USA*
Hervé Rousseau, Interventional Radiologist, *Toulouse, France*
Georg Rothenbacher, Vascular Surgeon, *Karlsruhe, Germany*
Paolo Rubino, Cardiologist, *Mercogliano, Italy*
Johannes Ruef, Cardiologist, *Frankfurt, Germany*
Ralph-Ingo Rückert, Vascular Surgeon, *Berlin, Germany*
Marc Sapoval, Interventional Radiologist, *Paris France*
Ahmed Sayed, Vascular Surgeon, *Cairo, Egypt*
Philipp Schäfer, Interventional Radiologist, *Germany*
Ingo Schiefke, Gastroenterologist, *Leipzig, Germany*
Peter Schneider, Vascular Surgeon, *Honolulu, Hawaii*
Joachim Schofer, Cardiologist, *Hamburg, Germany*

INVITED FACULTY

Gerhard Schroth, Neuroradiologist, *Bern, Switzerland*
Johannes Schuster, Angiologist, *Leipzig, Germany*
Thomas Schwarz, Angiologist, *Bad Krozingen, Germany*
Arne Schwindt, Vascular Surgeon, *Münster, Germany*
Sven Seifert, Vascular Surgeon, *Chemnitz, Germany*
Carlo Setacci, Vascular Surgeon, *Siena, Italy*
Horst Sievert, Cardiologist, *Frankfurt/Germany, Washington/USA*
Varinder Singh Bedi, Vascular Surgeon, *New Delhi, India*
Sebastian Sixt, Angiologist, *Hamburg, Germany*
Paul Sobotka, Cardiologist, *Minneapolis, USA*
Peter Soukas, Vascular Surgeon, *Rhode Island, USA*
Eugenio Stabile, Cardiologist, *Mercogliano, Italy*
Markus Steinbauer, Vascular Surgeon, *Regensburg, Germany*
Hermann Steinkamp, Radiologist, *Berlin, Germany*
Martin Storck, Vascular Surgeon, *Karlsruhe, Germany*
Peter Taylor, Vascular Surgeon, *London, The United Kingdom*
Ulf Teichgräber, Interventional Radiologist, *Jena, Germany*
Jörg Teßarek, Vascular Surgeon, *Lingen, Germany*
Carlos Timaran, Vascular Surgeon, *Dallas, USA*
Matt Thompson, Vascular Surgeon, *London, The United Kingdom*
Santi Trimarchi, Vascular Surgeon, *San Donato Milanese, Italy*
Thilo Tübler, Cardiologist, *Hamburg, Germany*
Christian Ukena, Cardiologist/Electrophysiologist, *Homburg/Saar, Germany*
Matthias Ulrich, Angiologist, *Leipzig, Germany*
Kazushi Urasawa, Cardiologist, *Sapporo, Japan*
Jos van den Berg, Interventional Radiologist, *Lugano, Switzerland*
Marc van Sambeek, Vascular Surgeon, *Eindhoven, The Netherlands*
Ramon Varcoe, Vascular Surgeon, *Sydney, Australia*
Frank Veith, Vascular Surgeon, *New York, USA*
Hence Verhagen, Vascular Surgeon, *Rotterdam, The Netherlands*
Eric Verhoeven, Vascular Surgeon, *Nürnberg, Germany*
Pierfrancesco Veroux, Vascular Surgeon, *Catania, Italy*
Fabio Verzini, Vascular Surgeon, *Perugia, Italy*
Vincent Vidal, Interventional Radiologist, *Marseille, France*
Renu Virmani, Pathologist, *Gaithersburg, USA*
Britta Vogel, Cardiologist, *Heidelberg, Germany*
Oliver Vonend, Nephrologist, *Düsseldorf, Germany*
Eva von Hodenberg, Angiologist, *Bad Krozingen, Germany*
Craig Walker, Cardiologist, *Lafayette, USA*
Eberhard Wedell, Cardiologist, *Bad Neustadt, Germany*
Martin Werner, Angiologist, *Leipzig, Germany*
Michael Werk, Interventional Radiologist, *Berlin, Germany*
Torsten Willenberg, Angiologist, *Bern, Switzerland*
Hiroyoshi Yokoi, Cardiologist, *Kitakyusyu, Japan*



ASSOCIATED FACULTY

George Adams, Interventional Cardiologist, *Wake Forest, USA*
Nelson Bernardo, Interventional Cardiologist, *Washington, USA*
Robert M. Bersin, Interventional Cardiologist, *Seattle, USA*
Bob Brightwell, Vascular Surgeon, *Columbus, USA*
Ian Cawich, Vascular Surgeon, *Little Rock, USA*
Neal Cayne, Cardiac Surgeon, *New York, USA*
Brian de Rubertis, Vascular Surgeon, *Los Angeles, USA*
Suhail Dohad, Interventional Cardiologist, *Beverly Hills, USA*
Parag Doshi, Interventional Cardiologist, *Elk Grove Village, USA*
Jon George, Interventional Cardiologist, *Philadelphia, USA*
Mark Goodwin, Interventional Cardiologist, *Naperville, USA*
Lonnie Harrison, Cardiologist, *Benton, USA*
Robert Hieb, Interventional Radiologist, *Milwaukee, USA*
Jackie P. Ho, Vascular Surgeon, *Singapore, Singapore*
Syed Hussain, Vascular Surgeon, *Peoria, USA*
Junhao Jiang, Vascular Surgeon, *Shanghai, China*
Patrick Kelly, Vascular Surgeon, *Sioux Falls, USA*
Young Guk Ko, Cardiologist, *Seoul, Korea*
Ethan Korngold, Cardiologist, *Portland, USA*
Richard Kovach, Interventional Cardiologist, *Browns Mills, USA*
Arthur Lee, Interventional Cardiologist, *Gainesville, USA*
Christopher Lesar, Vascular Surgeon, *Chattanooga, USA*
Evan Coulson Lipsitz, Vascular Surgeon, *New York, USA*
Dan Martin, Vascular Surgeon, *Albany, USA*
Carlos Mena-Hurtado, Interventional Cardiologist, *Hamden, USA*
Charles Moomey, Vascular Surgeon, *Lawrenceville, USA*
Erin Moore, Vascular Surgeon, *Jacksonville, USA*
Nicholas Morrissey, Vascular Surgeon, *New York, USA*
Patrick Muck, Vascular Surgeon, *Cincinnati, USA*
Aravinda Nanjundappa, Interventional Cardiologist, *Charleston, USA*
Bhagat Reddy, Interventional Cardiologist, *Atlanta, USA*
Darren Schneider, Vascular Surgeon, *New York, USA*
Barry Weinstock, Interventional Cardiologist, *Orlando, USA*
Michael Wilderman, Vascular Surgeon, *Hackensack, USA*
Edward Woo, Vascular Surgeon, *Philadelphia, USA*
Zhidong Ye, Vascular Surgeon, *Beijing China*
Jason Yoho, Interventional Cardiologist, *New Braunsfeld, USA*



08:00 – 11:00	Opening session – Pioneering techniques and innovations in endovascular interventions <i>Chairman: D. Scheinert</i> <i>Moderators: M. Brodmann, G. Torsello, S. Bartus, R. Varcoe, V. Bedi</i> Welcome and introduction by the chairman
08:00 – 08:05	Innovative techniques and new insights in endovascular aortic repair
08:05 – 08:20	■ <i>Live case transmission from Leipzig</i>
08:20 – 08:25	Is EVAR going to resurface as a primary treatment for uncomplicated type B dissections? Long-term data from INSTEAD <i>C. Nienaber</i>
08:25 – 08:40	Endovascular aneurysm repair by sealing of the entire aneurysm sac + video presentation <i>J-P. de Vries</i>
08:40 – 08:46	Featured research: OVATION European prospective multi center study update – results at 2 years <i>D. Scheinert</i>
08:46 – 08:52	The INNOVATION study: final 12 months results <i>G. Torsello</i>
08:52 – 09:02	The controversy around carotid revascularization continues
09:02 – 09:22	Common believes and myths around carotid revascularization – What is true and what is false? <i>M. Roffi</i>
09:22 – 09:32	■ <i>Live case transmission from Mercogliano</i>
09:32 – 09:40	The MICHI (Silk Road Medical) direct carotid access system <i>S. Macdonald</i>
09:40 – 09:57	Renal denervation – ready for prime time? Current concepts and innovative approaches for renal denervation <i>Y. Bausback</i> ■ <i>Live case transmission from Leipzig</i> Featured research:
09:57 – 10:02	The Polish registry on renal denervation – first results <i>D. Dudek</i>
10:02 – 10:07	Ready for prime time? – What is there and what is missing? <i>K. Rocha-Singh</i> “Leaving nothing behind” – the new paradigm for peripheral interventions? Featured research:
10:07 – 10:12	Biolux P1: 12 months results <i>K.Schulte</i>
10:12 – 10:17	Definitive LE: 12 months results <i>L. Garcia</i>
10:17 – 10:22	DES vs. DEB for long lesions <i>Th. Zeller</i>
10:22 – 10:27	Early insights from the ESPRIT study <i>D. Scheinert</i>
10:27 – 10:50	■ <i>Live case transmission from Leipzig</i>
10:50 – 10:55	Latest generation DEB: A new shellolic-acid based coating matrix for controlled bolus delivery of drug <i>J-P. de Vries</i>
10:55 – 11:00	Less invasive interventions: How feasible is the low-profile approach? 4EVER study – final results <i>M. Bosiers</i>
11:00 – 12:30	Symposium: Innovation in BTK treatment: Improving predictability and long-term outcomes supported with an unrestricted educational grant by Abbott Vascular <i>Chairmen: I. Baumgartner, R. Varcoe</i> <i>Moderators: M. Amor, E. Ducasse, R. Ferraresi</i> Introduction by the chairman
11:00 – 11:05	Next generation access and crossing technologies <i>I. Baumgartner</i>
11:05 – 11:10	■ <i>Live case transmission from Bern</i>
11:10 – 11:35	New findings in BTK treatment using drug eluting devices – the ETNA registry <i>P. Veroux</i>
11:35 – 11:50	DES in BTK: the durable solution <i>R. Varcoe</i>
11:50 – 12:00	■ <i>Live case transmission from Leipzig</i>
12:00 – 12:25	Discussion and conclusion by the chairman

12:30 – 13:30	Lunch
13:30 – 15:00	Symposium: The evolving evidence of IN.PACT DEB in claudication and CLI supported with an unrestricted educational grant by Medtronic <i>Chairman: E. Minar</i> <i>Moderators: M. Brodmann, P. Schneider, Th. Zeller</i> Introduction by the chairman
13:30 – 13:35	IN.PACT pre-clinical findings <i>R. Melder</i>
13:35 – 13:45	The value of evidence: the IN.PACT DEB case example <i>K. Rocha-Singh</i>
13:45 – 13:55	■ <i>Live case transmission from Leipzig</i>
13:55 – 14:15	IN.PACT in SFA for Claudicants <i>P. Gaines</i>
14:15 – 14:25	■ <i>Live case transmission from Mercogliano</i>
14:25 – 14:45	IN.PACT in BTK for CLI <i>A. Schmidt</i>
14:45 – 14:55	Conclusions by the chairman
15:00 – 16:30	ISSET @ LINC Innovations in popliteal and below the knee therapies <i>Chairmen: B. Katzen, D. Scheinert</i> <i>Moderators: K-L. Schulte, C. Walker, P. Gaines, K. Rocha-Singh, R. Ghotbi</i> Introduction by the chairman
15:00 – 15:05	■ <i>Live case transmission from Leipzig</i>
15:05 – 15:35	Featured research:
15:35 – 15:45	– Update on the SUPERB study: 12 months results of the SUPERA interwoven nitinol stent in femoro-popliteal arteries <i>K. Rosenfield live from Miami</i>
15:45 – 16:15	– SFA-Endoluminal bypass vs. bare stents for femoro-popliteal occlusive disease <i>J. Lammer live from Miami</i>
16:15 – 16:25	■ <i>Live case transmission from Miami</i> Featured research:
16:25 – 16:30	– ETAP trial: 12 months results of stenting vs. PTA for popliteal artery obstructions <i>Th. Zeller live from Leipzig</i>
16:30 – 18:00	– SUPERA 500: Long-term follow-up of interwoven nitinol stents for treatment of femoral and popliteal arteries <i>D. Scheinert live from Leipzig</i> Discussion and conclusion
16:30 – 16:35	Symposium: SFA innovation – new 5F devices for CTO and stenting supported with an unrestricted educational grant by Covidien <i>Chairman: D. Scheinert</i> <i>Moderators: J. Tejsarek, N. Dias</i> Introduction by the chairman
16:35 – 16:43	CTO recanalization: new devices, new data <i>R. Langhoff</i>
16:43 – 17:13	■ <i>Live case transmission from Leipzig</i>
17:13 – 17:21	EverFlex Entrust: the new 5F triaxial stent system <i>F. Airoidi</i>
17:21 – 17:51	■ <i>Live case transmission from Leipzig</i>
17:51 – 17:59	First experience with Viance, Enteer, Entrust <i>A. Schwindt</i>
17:59 – 18:00	Discussion and closing remarks by the chairman

ISSET

- 11:00 – 12:30 Symposium: Real world perspectives with the Symplicity Renal Denervation System, 5 years and thousands of patients later**
supported with an unrestricted educational grant by Medtronic
Chairman: K. Narkiewicz Moderators: Th. Zeller, M. Andrassy
- 11:00 – 11:15 Introduction by the chairman
Symplicity Renal Denervation real world experiences
11:15 – 11:30 Randomized studies – past and future *S. Kjeldsen*
11:30 – 11:45 Clinical data *J. Davies*
11:45 – 12:00 Clinical data *D. Mylotte*
12:00 – 12:30 ■ *Live case transmission from Leipzig*
- 12:35 – 13:20 Lunch symposium: CLI – what can we do better?**
supported with an unrestricted educational grant by Terumo
Chairman: G. Torsello
Moderators: K-L. Schulte, R. Ferraresi, H. Yokoi, J. Madaric
- 12:35 – 12:40 Introduction by the chairman
12:40 – 12:50 Misago – European experience *K-L. Schulte*
12:50 – 13:00 The role of subintimal revascularization in BTK *R. Ferraresi*
13:00 – 13:10 Misago – Japanese experience – Osprey 1 year results *H. Yokoi*
13:10 – 13:20 Stem cell therapy – hope for no-option CLI patients *J. Madaric*



- 13:30 – 15:00 Venous session (Part I): Interventional treatment of deep vein thrombosis**
Chairman: T. Willenberg
Moderators: N-E. Kløw, H. Manninen, R. Lookstein
- 13:30 – 13:35 Introduction by the chairman
13:35 – 14:08 ■ *Live case transmission from Bern*
14:08 – 14:23 Live-in-the-box case Maastricht: Stenting of iliac vein stenosis *R. de Graaf*
14:23 – 14:31 Additional catheter-directed thrombolysis versus standard treatment for acute iliofemoral deep vein thrombosis *N-E. Kløw*
14:31 – 14:39 AngioJet thrombectomy for acute DVT – the US Experience *R. Lookstein*
14:39 – 15:00 ■ *Live case transmission from Bern*

- 15:00 – 16:30 Symposium: Aggressive treatment of venous thromboembolism and PAD**
supported with an unrestricted educational grant by Bayer HealthCare
Chairman: W. Gray
- 15:00 – 15:05 Introduction by the chairman
15:05 – 15:15 Angiojet thrombectomy in occlusive DVT *R. Lookstein*
15:15 – 15:40 ■ *Recorded case from Bern*
15:40 – 15:50 Jetstream rotational atherectomy in PAD *V. Ramaiah*
15:50 – 16:00 Jetstream rotational atherectomy in severely calcified peripheral arteries
W. Gray
16:00 – 16:25 ■ *Live case transmission from Leipzig*
16:25 – 16:30 Discussion and conclusion

- 16:30 – 18:00 Venous session (Part II): Treatment of complex venous occlusions and treatment of pulmonary embolism**
Chairman: T. Willenberg
Moderators: I. Baumgartner, R. Lookstein, R. de Graaf, S. Konstantinides
- 16:30 – 16:35 Introduction by the chairmen
16:35 – 16:43 Venous CTO – the US experience *R. Lookstein*
16:43 – 16:58 Live-in-the-box Case Berne: IVUS guidance for venous intervention
I. Baumgartner
16:58 – 17:06 Venous CTO – the Dutch experience *R. de Graaf*
17:06 – 17:37 ■ *Live case transmission from Bern (continued from session part I)*
17:37 – 17:45 Management of intermediate-risk pulmonary embolism *S. Konstantinides*
17:45 – 17:53 Ultrasound-assisted thrombolysis for pulmonary embolism – the Berne experience *R. Engelberger*
17:53 – 18:00 Discussion and conclusion

- 12:35 – 13:20 Lunch symposium: Expanding the frontier of BTK treatment**
supported with an unrestricted educational grant by Cook Medical
Chairman: C. Walker Moderators: A. Schmidt, F. Airoldi
- 12:35 – 12:36 Introduction by the chairman
12:36 – 12:48 Essential steps for BTK *F. Airoldi*
12:48 – 13:00 Introduction to the world's first tibiopedal access registry *C. Walker*
13:00 – 13:12 New techniques for BTK procedures *A. Schmidt*
13:12 – 13:20 Questions and discussion



- 13:30 – 15:00 Scrub in with the experts: Advanced techniques and hybrid approaches for complex aorto-iliac and femoropopliteal disease**
■ *With Dierk Scheinert, Daniela Branzan and Sven Bräunlich live from Leipzig*
Chairmen: C. Metzger, R. Varcoe
Moderators: H. Krankenberg, J-P. de Vries, Th. Rand
- Flash presentations:
Optimal techniques for reconstruction of the aortic bifurcation *R. Varcoe*
Hybrid techniques for complex aorto-iliac and femoral interventions
C. Mena-Hurtado
Managing complications of complex aorto-iliac interventions *P. Doshi*
Featured research:
Physician initiated multi-center Belgian-German trial investigating the Terumo Misago stent in the treatment of TASC A & B iliac lesions
M. Bosiers

TECHNICAL FORUM · ROOM 3

WEDNESDAY 23, 2013 (cont.)

- 15:00 – 16:30 **Tutorial: Strategies for success in BTK: how to choose the right guidewire**
supported with an unrestricted educational grant by Abbott Vascular
Chairman: I. Baumgartner Moderator: M. Amor
- 15:00 – 15:15 Challenges of the BTK anatomy *E. Wedell*
- 15:15 – 15:35 Guidewire selection for everyday use and challenging cases:
what are your choices? *I. Baumgartner*
- 15:35 – 16:00 Complex cases: how to handle difficult lesions *I. Baumgartner/E. Wedell*
- 16:00 – 16:25 ■ *Live case transmission from Leipzig*
- 16:25 – 16:30 Conclusion and take home message by the chairman

- 16:30 – 18:00 **Scrub in with the experts: Complex supra-aortic interventions**
■ *With Giancarlo Biamino, Paolo Rubino and Stephen Ramee live from Mercogliano*
Chairmen: A. Cremonesi, C. Setacci Moderators: M. Storck, Z. Milosevic
Flash presentations:
Known issues and new solutions for supra-aortic access *G. Coppi*
The body of evidence around proximal protection *E. Stabile*
Rescue procedures for embolic complications during CAS *N. Hopkins*

DISCUSSION FORUM · ROOM 4

WEDNESDAY 23, 2013

- 14:30 – 15:30 **Why I do what I do in SFA occlusive disease?**
supported with an unrestricted educational grant by Gore & Associates
Chairman: P. Soukas Discussants: G. Krupski-Berdien, U. Teichgräber, B. Weinstock
- 14:30 – 14:35 Introduction by the chairman
- 14:35 – 14:45 How do I treat de-novo lesions? *P. Soukas*
- 14:45 – 14:55 What do most recent trials suggest? *G. Krupski-Berdien*
- 14:55 – 15:05 When do I use BMS? Will new stent designs provide better results and value?
U. Teichgräber
- 15:05 – 15:15 How do I treat in-stent restenosis in SFA? *B. Weinstock*
- 15:15 – 15:30 Discussion and conclusion
- 16:00 – 17:00 **Management of acute stroke – What will be the future?**
Chairmen: S. Macdonald, H. Sievert
Discussants: G. Schroth, N. Hopkins, E. Wedell, Z. Milosevic
- 16:00 – 16:10 Current status of stroke management – available infrastructure
and therapies *H. Sievert*
- 16:10 – 16:20 Is there a need for early interventional treatment? *G. Schroth*
- 16:20 – 16:30 How to be successful in mechanical stroke management – tips and tricks
N. Hopkins
- 16:30 – 16:40 Overcoming the technical challenges – My personal experience with latest
generation retriever systems for stroke therapy *E. Wedell*
- 16:40 – 16:50 Permanent implantation stents in patients with acute ischemic stroke
Z. Milosevic
- 16:50 – 17:00 Round table discussion: What will be the future of stroke therapy?

GLOBAL EXPERT EXCHANGE FORUM · ROOM 5

WEDNESDAY 23, 2013

- 14:00 – 16:15 **Critical limb ischemia management – A global challenge**
Chairmen: M. Edmonds, R. Ferraresi
Moderators: P. Schneider, P. Pai, O. Iida, C. Caravaggi
- 14:00 – 14:30 **The global diabetic foot epidemic**
- 14:00 – 14:08 Diabetic foot disease trends and therapy programs in the US *G. Adams*
- 14:08 – 14:16 Adverse event predictors after BTK angioplasty in CLI: Findings from Japan
O. Iida
- 14:16 – 14:24 How we manage the Indian diabetic foot epidemic *P. Pai*
- 14:24 – 14:30 Discussion
- 14:30 – 15:30 **Translating pioneering revascularization techniques into clinical routine**
The Japanese technique for BTK-CTOs *H. Yokoi*
- 14:30 – 14:38
- 14:38 – 15:00 ■ *Live case transmission from Mercogliano*
- 15:00 – 15:08 BTK interventions: When to dare and when to stop *M. Manzi*
- 15:08 – 15:16 Experience, plain balloon and stents ...: How to succeed with what we have while
waiting for what we would like to have *P. Schneider*
- 15:16 – 15:24 Pedal bypass with deep venous arterialization: The therapeutic option for
critical limb ischemia and unreconstructable distal arteries *P. Mutirangura*
- 15:24 – 15:30 Patency and clinical outcome of Asian CLI patients with CTO at different
levels of lower limb arterial system *P. Ho*
- 15:30 – 16:15 **From diagnosis to post-care: the CLI vascular and extravascular continuum**
Recorded video cases with Q&A
- 15:30 – 15:45 How to eliminate rest pain? *R. Ferraresi*
- 15:45 – 16:00 How to accelerate ulcer healing and protect against recurrences *C. Caravaggi*
- 16:00 – 16:15 How to preserve a limb with major tissue loss *R. Ferraresi*



Electronic posters will be displayed from 08:00 – 18:00

13:30 – 15:00

Moderated poster round in front of the LINC studio

Jurors: F. Mahler, M. Roffi, G. Torsello

Venous

13:30 – 13:35

Diagnosics and treatment of acute iliofemoral venous thrombosis

O. Abramova

13:35 – 13:40

Venous angioplasty and stenting in haemodialysis patients *M. Magdy*

13:40 – 13:45

Histology of saphenous veins after treatment with the ClariVein® device – an ex-vivo experiment *M. Kendler*

PVD Femoropopliteal

13:45 – 13:50

Results of the Total Occlusion Crossing with the OCelot System II (CONNECT II) Study *A. Schwandt*

13:50 – 13:55

DEB post stenting in the SFA – Interims results of the Freeway Stent Study *J. Tacke*

13:55 – 14:00

Safety and efficacy of periprocedural anticoagulation with enoxaparin in patients undergoing peripheral endovascular revascularization *M. Brodmann*

14:00 – 14:05

Recanalization of complex femoropopliteal occlusive disease using a retrograde pedal approach *P. Mwipatayi*

14:05 – 14:10

Effect of indirect methods of revascularization on hemodynamic of femoral popliteal bypass atherosclerosis – one of the most typical problems in vascular surgery *A. O.M. Amro*

14:10 – 14:15

Silverhawk atherectomy versus primary old balloon angioplasty (POBA) in femoropopliteal stent reobstructions – a randomized controlled pilot trial *M. Brodmann*

14:15 – 14:20

Comparison of the radiation dose regarding the type of percutaneous intervention coronary vs. peripheral angioplasty *M. Brzezinski*

14:20 – 14:25

Endovascular treatment of common femoral artery obstructions for critical limb ischemia *K. Hozawa*

14:25 – 14:30

Role of endovascular therapy in flush superficial femoral artery (SFA) occlusions *H. Elwan*

PVD aorto-iliac

14:30 – 14:35

Placement of hemoparin-coated stents in the iliac arteries: early experience and midterm results in 28 patients *P. Kalmar*

PVD below-the-knee

14:35 – 14:40

Assessment of limb salvage in single peroneal run-off versus single tibial run-off in critical limb ischemia patients with complex lesions *W. Eldaly*

14:40 – 14:45

Subsequent open surgical revascularization following an initial endovascular approach for critical limb ischemia *F. Mussa*

Supra-aortic/carotid

14:45 – 14:50

The choice of an open (stent-o) vs. closed (stent-c) cell stent design for carotid artery stenting (CAS) may impact the carotid artery shape and flow *M. De Beule*

14:50 – 14:55

Treat, test, or neither? A decision analysis for carotid revascularization decisions based on cerebrovascular reserve status *F. Mussa*

14:55 – 15:00

Virtual stent insertion in patient-specific cerebral aneurysms: how close can we get *F. Iannacone*

08:00 – 09:30

Symposium: Treating complex lower limb artery lesions – New frontiers through new tools

supported with an unrestricted educational grant by Boston Scientific
Chairman: D. Scheinert Moderators: C. Walker, S. Müller-Hülsbeck, T. Cleveland

08:00 – 08:05

Introduction by the chairman

08:05 – 08:15

Breaking through and crossing: what tool and when *C. Walker*

08:15 – 08:40

■ *Live case transmission from Berlin*

08:40 – 08:50

Treating with an implant: BMS or DES? *S. Müller-Hülsbeck*

Featured research:

08:50 – 08:55

The SUMMIT study: 12 months results with the EPIC stent in the SFA *M. Werner*

08:55 – 09:05

Treating with a non-implant: is DEB the answer? *T. Cleveland*

09:05 – 09:25

■ *Live case transmission from Leipzig*

09:25 – 09:30

Discussion and conclusion by the chairman

09:30 – 11:00

Paradigms for optimal CLI treatment: What is true and what is false?

Chairman: P. Schneider

Moderators: K. R. Suresh, H. Yokoi, M. Werk, P. Peeters

09:30 – 09:35

Introduction by the chairman

Revascularization of the wound-related artery – whatever it takes?

09:35 – 09:40

The angiosome concept – from theory to practice *O. Iida*

09:40 – 09:45

Considerations for a patient-tailored revascularization strategy *M. Bosiers*

09:45 – 10:05

■ *Live case transmission from Leipzig*

10:05 – 10:12

The relevance of vessel patency for CLI outcome – The viewpoint of a surgeon *F. Vermassen*

Featured research:

10:12 – 16:17

EXPAND study: PTA vs. stenting BTK *K. Schulte*

10:17 – 10:22

DEB in the diabetic/CLI patient: Final results from the DEBATE-BTK randomized trial *F. Liistro*

10:22 – 10:27

Are DES and DEB worth the cost in BTK interventions? *Th. Zeller*

10:27 – 10:34

Time is tissue: the diabetic foot triage *C. Caravaggi*

10:34 – 10:41

Patient tailored approaches for BTK-revascularization and wound-care/amputation *R. Ferraresi*

10:41 – 10:51

■ *Video presentation*

10:51 – 10:56

“Never give up!” – Always a valid concept for CLI treatment? *F. Veith*

10:56 – 11:00

Discussion and conclusion

11:00 – 12:30

Symposium: Unique technologies for the treatment of SFA occlusive diseases and popliteal artery aneurysm

supported with an unrestricted educational grant by Gore & Associates

Chairman: P. Soukas

Moderators: D. Schneider, B. Weinstock, A. Chaudhuri, M. Piorkowski

11:00 – 11:05

Introduction by the chairman

11:05 – 11:15

Latest clinical evidence and learnings about the most studied covered stent used in the SFA? *Th. Zeller*

11:15 – 11:35

■ *Live case transmission from Leipzig*

11:35 – 11:45

Versatility of GORE® VIABAHN® in treating vascular diseases *P. Soukas*

11:45 – 12:05

■ *Live case transmission from Mercogliano*

12:05 – 12:15

Next generation dual component stent design: Concept and early clinical experience in the SFA *M. Piorkowski*



- 12:15 – 12:30 Discussion and conclusion by the chairman
12:35 – 13:20 Lunch symposium: How to treat difficult aorto iliac lesion and Leriche syndrome?
 supported with an unrestricted educational grant by Atrium
Chairman: D. Scheinert Moderators: M. Reijnen, P. Goverde, J. Teßarek
 Aortoiliac occlusive disease; a shift towards covered stents *M. Reijnen*
 The CERAB procedure: 1 year clinical data *P. Goverde*
 ■ *Recorded case: CERAB procedure*
 13:10 – 13:20 Cost effectiveness of covered stents compared to open surgery for aortoiliac lesions *J. Teßarek*
- 13:30 – 15:00 Symposium: Drug eluting technologies forum**
 supported with an unrestricted educational grant by Cook Medical
Chairman: M. Dake Moderators: Th. Zeller, H. Yokoi
 13:30 – 13:35 Introduction by the chairman
 13:35 – 13:45 Zilver PTX 3 years follow up *M. Dake*
 13:45 – 14:10 ■ *Live case transmission from Leipzig*
 14:10 – 14:20 The REAL PTX study concept: Head to head comparison of paclitaxel coated balloons and stents in short, intermediate, and long lesions *D. Scheinert*
 ZILVER PTX in occluded bypass *F. Airoidi*
 14:30 – 14:55 ■ *Live case transmission from Leipzig*
 14:55 – 15:00 Questions & answers

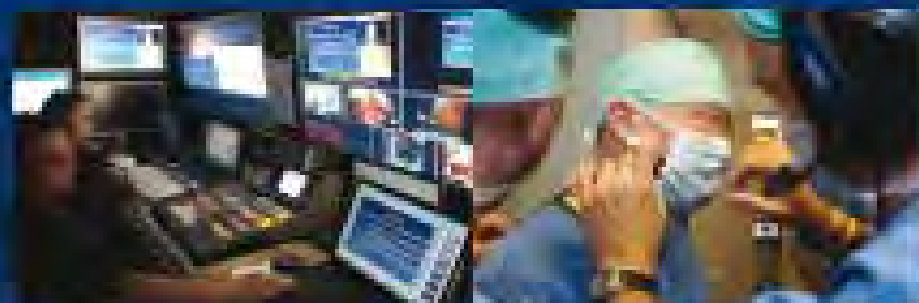
- 15:00 – 16:30 VIVA @ LINC: New technologies to solve old problems in complex limb revascularization**
Chairman: M. Jaff
Moderators: K. Rocha-Singh, G. Ansel, P. Schneider, S. Lyden
- 15:00 – 15:05 Introduction by the chairman
 15:05 – 15:13 What is the future of atherectomy and which indications will drive its use? *S. Lyden*
 15:13 – 15:43 ■ *Live case transmission from Dallas*
 15:43 – 15:51 New CTO devices are changing the game *P. Schneider*
 15:51 – 15:59 There are so many choices for managing in-stent restenosis. This is what works best in my hands *G. Ansel*
 15:59 – 16:29 ■ *Live case transmission from Mountain View*
 16:29 – 16:30 Discussion and conclusion



- 16:30 – 18:00 The last frontier: Long SFA occlusions and calcified lesions**
Chairmen: P. Peeters, L. Garcia
Moderators: S. Duda, H. M. Gijßler, R. Virmani
 16:30 – 16:35 Introduction by the chairman: Current interventional results in complex TASC C and D femoropopliteal lesions *P. Peeters*
 Featured research:
 ADVANCE 18 PTX study: final results *D. Scheinert*
 16:35 – 16:40 Real world experience with DEB in long lesions *A. Schmidt*
 16:40 – 16:45 ■ *Live case transmission from Leipzig*
 16:45 – 17:00 What will be the future of SFA treatment and why?
 Drug-eluting stents *G. Ansel*
 17:00 – 17:05 Drug-eluting balloons *G. Biamino*
 17:05 – 17:10 Covered stents *B. Weinstock*
 17:10 – 17:15 Atherectomy + DEB *L. Garcia*
 17:15 – 17:20 Drug-eluting balloons + latest generation bare-metal stents *D. Scheinert*
 17:20 – 17:25 ■ *Live case transmission from Leipzig*
 17:25 – 17:45 Featured research:
 3D-shaped femoral nitinol stents – the results from the MIMICS study *Th. Zeller*
 17:45 – 17:50 Real world experience with interwoven nitinol stents in complex femoro-popliteal lesions *J. Pacanowski*
 17:50 – 17:55 RELINE-Study: Randomized comparison of endoluminal grafting with Viabahn vs. PTA for femoral artery in-stent restenosis – 6 months results *M. Bosiers*
 17:55 – 18:00

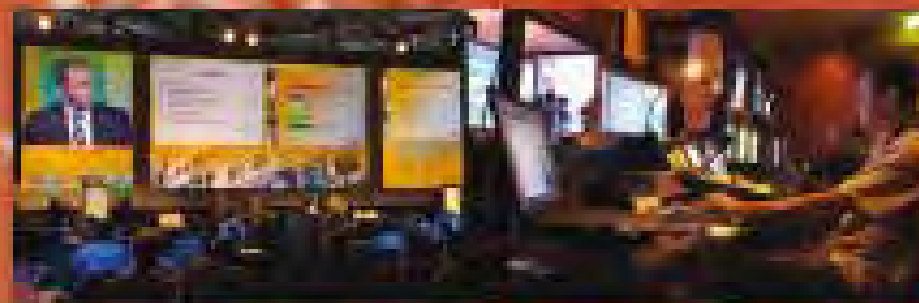


backstage



front stage

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08:00 – 09:30 Scrub-in with the experts: Extreme interventions in “No option CLI patients”

■ With Marco Manzi live from Mercogliano

■ With Roberto Ferraresi and Andrej Schmidt live from Leipzig

Chairman: Th. Rand Moderators: K. Urasawa, C. Walker, J. Teßarek

Flash presentations:

Is subintimal recanalization an option for BTK disease? A. Bolia

Subintimal recanalization in “blind distalities” R. Ferraresi

Rapid exchange SE stents – with simplicity to perfection J. Ruef

Lumbar sympathectomy: Is there room for a rebirth of a forgotten therapy?

P. Kelly

09:30 – 11:00 Symposium: Pulsar and beyond – can we do better?

supported with an unrestricted educational grant by BIOTRONIK

Chairman: J. van den Berg Moderators: M. Brodmann, P. Myers, K. Deloose

09:30 – 09:35 Introduction by the chairman

09:35 – 09:45 Combination treatment strategy – Pulsar and Lux DEB M. Bosiers

09:45 – 10:10 ■ Live case transmission from Berlin

10:10 – 10:20 4EVER 12 months data – practical implications K. Deloose

10:20 – 10:45 ■ Live case transmission from Leipzig

10:45 – 10:55 Pulsar 12 months performance in TASC D lesions and all comers registry

M. Lichtenberg

10:55 – 11:00 Discussion and conclusion by the chairman

11:00 – 12:30 Symposium: Drug coated balloons – the science behind outcomes

supported with an unrestricted educational grant by CR Bard

Chairman: P. Peeters

Moderators: C. Mena-Hurtado, SD. Qanadli, D. Scheinert

11:00 – 11:05 Introduction by the chairman

11:05 – 11:13 Preclinical evidence, technology, and mechanism of action

of Lutonix® drug coated balloon R. Virmani

11:13 – 11:21 Bard Peripheral clinical trial programmes – Lutonix® drug coated balloon

C. Mena-Hurtado

11:21 – 12:00 ■ Live case transmission from Leipzig

12:00 – 12:08 Drug coated balloon clinical indications, who is the best candidate today

and what does the future hold SD. Qanadli

12:08 – 12:24 Debate: Drug coated balloon with or without (spot) stenting:

– Drug coated balloon without (spot) stenting Th. Zeller

– Drug coated balloon supported by (spot) stenting D. Scheinert

12:24 – 12:30 Discussion and conclusion

12:35 – 13:20 Lunch symposium: New innovative techniques and trends in the treatment of PAD

supported with an unrestricted educational grant by Spectranetics

Chairmen: C. Walker, H. Steinkamp

Moderators: J. van den Berg, J. Gross, Th. Zeller

12:35 – 12:40 Introduction by the chairman

12:40 – 12:50 Does debulking before DEB make sense? J. van den Berg

12:50 – 13:00 Treatment of in-stent restenosis: Results of the PATENT trial

and update on next generation study projects Th. Zeller

CTOs: Different treatment options J. Gross

13:00 – 13:10 Discussion and conclusion

13:10 – 13:20

13:30 – 15:00 Symposium: 3D image guidance during endovascular procedures?

partially supported with an unrestricted educational grant by Siemens

Chairman: G. Torsello Moderator: R. Greenhalgh

13:30 – 13:40

New options for vascular surgeons by 3D CT in the angio-hybrid operation room

M. Steinbauer

13:40 – 13:50

Hybrid rooms: only for advanced endovascular procedures? E. Verhoeven

13:50 – 14:10

■ Live case transmission from Ludwigsburg

14:10 – 14:20 Advances in robotic endovascular surgery – when and how can it be of help?

TBD

14:20 – 14:30

Translumbar glue embolization of type II endoleaks using the i-Guide software

on Siemens Artis Zeego N. Cayne

14:30 – 14:50

■ Live case transmission from Ludwigsburg

14:50 – 15:00

3D endovascular guidance ... what you really want to see during endovascular

procedures L. Maene

15:00 – 16:30 Symposium: From the extreme to the everyday – the Trivascular experience

supported with an unrestricted educational grant by TriVascular

Chairman: M. Dake Moderators: M. Storck, R. Rückert

15:00 – 15:05 Introduction by the chairman

15:05 – 15:25 ■ Live case transmission from Leipzig

15:25 – 15:35 Global pivotal trial update T. Nolte

15:35 – 15:45 The OVATION post market registry update D. Scheinert

15:45 – 16:10 ■ Live case transmission from Leipzig

16:10 – 16:20 Treating the extremes – a European perspective L. Maene

16:20 – 16:30 Treating the extremes – a US experience G. Ansel

16:30 – 18:00 Scrub-in with the experts: Side branch solutions for the hypogastric artery and treatment of internal iliac artery aneurysms

■ With Armando Lobato live from São Paulo

■ With Andrej Schmidt live from Leipzig

Chairman: V. Riambau Moderators: P. Kasprzak, F. Veith, J-P. Becquemin

Flash presentations:

Internal and common iliac artery aneurysms: hypogastric exclusion,

open repair or side branch endografts? P. Cao

Bridging stents for hypogastric aneurysms: balloon-expandable

or self-expanding covered stents? F. Verzini

Long-term results of iliac side branch endografting for aorto-iliac aneurysms

– The Münster experience K. Donas

– The Leipzig experience D. Branzan



- 08:00 – 09:30 Endovenous therapies of varicose veins – as yet ready for prime time?**
 Chairman: M. Lomholt Moderators: M. Knittel, Th. Noppene
 08:00 – 08:10 Introduction by the chairman
 08:10 – 08:30 ■ Live case transmission from Leipzig
 08:30 – 08:40 Endovenous laser therapy – last trials M. Knittel
 08:40 – 08:50 Endovenous radiofrequency Th. Noppene
 08:50 – 09:00 Endovenous versus open surgical varicose vein therapies – where are the limits?
 K. Brachmann
 09:00 – 09:28 ■ Live case transmission from Leipzig
 09:28 – 09:30 Closing remarks
- 09:30 – 11:00 Symposium: How Onyx™ liquid embolic system makes the difference**
 supported with an unrestricted educational grant by Covidien
 Chairman: A. Platts Moderators: A. Schwindt, V. Vidal, H. Lindgren
 09:30 – 09:35 Introduction by the chairman
 09:35 – 10:05 ■ Live case transmission from Münster
 10:05 – 10:15 Indications for Onyx™: AVMs V. Vidal
 10:15 – 10:25 Onyx™ liquid embolic system: an obvious choice for endoleaks! A. Schwindt
 10:25 – 10:45 Recorded case from Münster
 10:45 – 10:55 Onyx™ in bleedings and varicocele H. Lindgren
 10:55 – 11:00 Discussion and closing remarks by the chairman
- 11:00 – 12:30 New developments in endovenous therapy of varicose veins**
 Chairman: Th. Noppene Moderators: E. von Hodenberg, K. Brachmann
 11:00 – 11:05 Introduction by the chairman
 11:05 – 11:15 Mechano-chemical ablation E. von Hodenberg
 11:15 – 11:55 ■ Live case transmission from Leipzig
 11:55 – 12:05 Endoluminal thermoablation of long and short saphenous vein
 by means of steam vein sclerosis M. Jünger
 12:05 – 12:30 Recorded case presentation M. Jünger
- 12:35 – 13:20 Lunch symposium: CTO challenge – staying in the true lumen, what tools do I have?**
 supported with an unrestricted educational grant by Asahi Intecc
 Chairman: A. Schmidt Moderators: D-D. Do, R. Ferraresi, P. Huppert
 12:35 – 12:40 Introduction by the chairman
 12:40 – 12:50 Facing CTOs in tortuous anatomy: Guide wire selection A. Schmidt
 12:50 – 13:00 CTO below the knee: Intraluminal tracking with 0.14 GW, why is it better?
 P. Huppert
 13:00 – 13:10 Retrograde approach in PTA CTO: secrets to success? A. Micari
 13:10 – 13:20 Discussion and conclusion



- 13:30 – 15:00 Interventional techniques for visceral and renal arteries**
 Chairman: J. Balzer
 Moderators: S. Basche, Th. Rand, M. Amor, S. Ramee, S. Debus
 13:30 – 13:35 Introduction by the chairman
 13:35 – 13:45 Interventional techniques for acute visceral ischemia A. Schmidt
 13:45 – 14:10 ■ Live case transmission Leipzig
 14:10 – 14:25 Visceral and renal aneurysms – when to treat and how:
 Surgical experience S. Debus
 Interventional experience S. Basche
 14:25 – 14:35 Interventional therapy for chronic visceral ischemia S. Ramee
 14:35 – 14:45 Distal protection during renal stenting – is there a need? M. Amor
 14:45 – 14:50 Preliminary results of the RADAR study Th. Zeller
 14:50 – 15:00 Discussion and conclusion
- 15:00 – 16:15 The future of TIPS in the treatment of portal hypertension and its complications**
 Chairman: H. Rousseau Moderators: I. Schiefke, G. Maleux,
 T. Krajina, C. Bureau, JC. García Pagán
 15:00 – 15:05 Introduction by the chairman
 15:05 – 15:15 History of TIPS and introducing new dedicated TIPS stents H. Rousseau
 15:15 – 15:25 Introducing the development of portal hypertension and the effects
 of splanchnic vasodilatation I. Schiefke
 15:25 – 15:35 Tips technique, tips and tricks, lessons learned G. Maleux
 15:35 – 15:45 ■ Recorded live case demonstrating the implantation steps T. Krajina
 15:45 – 15:55 The position of TIPS endoprosthesis in the treatment of refractory ascites
 C. Bureau
 15:55 – 16:05 The position of TIPS endoprosthesis in the treatment of varicocele bleeding
 JC. García Pagán
 16:05 – 16:15 Questions and answers
- 16:30 – 18:00 VIVA @ LINC: Complex CTOs Scrub in with the experts**
 ■ With Tony Das live from Dallas
 ■ With Jim Joye live from Mountain View
 Chairman: M. Dake Moderators: G. Ansel, S. Lyden, P. Schneider, C. Metzger
 Flash presentations:
 Worst mistakes I have made in recanalizing CTOs C. Metzger
 How does our knowledge of anatomy influence our step-by-step approach
 in CTOs in different vascular beds? M. Dake



09:00 – 10:00

VIVA @ LINC: Strategies – The future of renal revascularizationChairmen: *M. Jaff, S. Lyden*Discussants: *S. Lyden, S. Macdonald, C. Metzger, K. Rocha-Singh, P. Soukas*

Case presentations



10:30 – 11:30

Is there an optimal treatment for in-stent-restenosis?Chairman: *K. Rocha-Singh*Discussants: *R. Virmani, F. Liistro, S. Lyden, M. Werner, M. Bosiers*

10:30 – 10:37

In-stent restenosis – Insights into the pathomechanism

and what it takes to be successful *R. Virmani*

10:37 – 10:44

Why DEBs are first choice therapy for ISR and how it actually works *F. Liistro*

10:44 – 10:51

Drug delivery without a scaffold? DES are the much more solid solution

S. Lyden

10:51 – 10:58

Endovascular radiation therapy is still the best *M. Ulrich*

10:58 – 11:05

Re-lining the whole stent with covered endoprostheses –

the best solution for ISR? *M. Bosiers*

11:05 – 11:12

Atherectomy/Laser + DEB: A safe and effective solution? *J. van den Berg*

11:12 – 11:30

Discussion and conclusion

12:30 – 13:30

The Great Debate: “Leaving nothing behind” – the new paradigm for peripheral interventions?Chairman: *M. Bosiers*Discussants: *R. Virmani, E. Minar, G. Biamino, I. Baumgartner, Th. Zeller*

12:30 – 12:37

What is worse: Metallic implants or toxic drugs? *R. Virmani*

12:37 – 12:44

What is the benchmark? A review of clinical trial results on nitinol stents

and DES *E. Minar*

12:44 – 12:51

How good are DEBs? Insights from RCTs and real world practice

with different DEB Technologies *G. Biamino*

12:51 – 12:58

DEB vs PTA vs BMS: results from a meta-analysis *M. Fusaro*

12:58 – 13:05

All what we don't know about DEBs *I. Baumgartner*

13:05 – 13:12

How cost effective is the concept of “leaving nothing behind” *Th. Zeller*

13:12 – 13:30

Discussion and conclusion

14:00 – 15:00

To treat or not to treat: open questions in endovascular graftingChairman: *P. Taylor*Discussants: *J. Brunkwall, A. Lumsden, S. Trimarchi, M. Hamady*

14:00 – 14:07

Is there an option to treat acute uncomplicated dissection

by endovascular means? *J. Brunkwall*

14:07 – 14:18

Discussion

14:18 – 14:25

Roughly 25% of acute uncomplicated dissections get complicated later,

are there indicators which allow to treat them early? *P. Taylor*

14:25 – 14:36

Discussion

14:36 – 14:43

Minimizing emboli during endovascular treatment of the thoracic aorta,

possibilities and open questions *A. Lumsden*

14:43 – 15:00

Discussion and conclusion by the chairman



15:30 – 16:30

CX @ LINC: Carotid stenting or carotid endarterectomyChairman: *R. Greenhalgh*

15:30 – 15:35

Carotid stenting was good, is good and wins *S. Iyer*

15:35 – 15:40

Look at the SVS guidelines! *F. Veith*

15:40 – 15:45

CREST puts stenting ahead *W. Gray*

15:45 – 15:50

You must be joking! *M. Makaroun*

15:50 – 15:55

Be reasonable – learn stenting properly! *P. Gaines*

15:55 – 16:00

Whatever for? *P. Taylor*

16:00 – 16:05

The half-way house may settle it. *S. Macdonald*

16:05 – 16:10

Say what you like, I am unconvinced! *F. Moll*

16:10 – 16:30

Panel discussion and audience participation



07:15 – 08:00

Breakfast Symposium: Alternative to stenting – leaving nothing behind, but evidence

supported with an unrestricted educational grant by BIOTRONIK

Chairman: *P. Peeters* Moderators: *D. Scheinert, E. Blessing, P. Myers*

07:15 – 07:20

Introduction by the chairman

07:20 – 07:30

PANTHER 12 months data – Angiosculpt scoring balloon registry *E. Blessing*

07:30 – 07:40

BIOLUX P-I 12 month data – in practice *D. Scheinert*

07:40 – 07:50

Experience with BIOTRONIK Lux DEB *P. Myers*

07:50 – 08:00

Discussion and conclusion by the chairman

08:00 – 09:30

Deep Dive: Carotid interventions – Part I

in cooperation with TCT

Chairman: *W. Gray* Moderators: *S. Duda, O. Mendiz, Z. Milosevic*

08:00 – 08:05

Introduction by the chairman

08:05 – 08:30

■ Live case transmission from Mercogliano

08:30 – 08:37

The use and validation of the DELPHI consensus in operators

in their early experience: guidance for patient selection *S. Macdonald*

08:37 – 08:44

Carotid therapeutic decision making based on gender, age and co-morbidities

W. Gray

08:44 – 08:51

When and how to revascularize recently symptomatic patients

with critical carotid stenosis *N. Hopkins*

08:51 – 08:58

Which asymptomatic patients benefit from CAS or CEA? *P. Schneider*

08:58 – 09:05

Update on the progress of ACST 2 and other carotid RCTs *A. Halliday*

09:05 – 09:12

Does CAS have a measurable impact on neurocognitive function? *O. Mendiz*

09:12 – 09:30

Discussion

- 09:30 – 11:00 Global Expert Exchange: Challenging carotid cases and complications**
Chairmen: H. Sievert Moderators: S. Ramee, S. Iyer
- 09:30 – 09:35 Introduction by the chairman
 09:35 – 09:45 Lessons learned from thousands of carotid stenting procedures S. Iyer
 09:45 – 09:50 Feasibility of carotid stenting through an upper extremity approach for difficult aortic arch anatomy P. Muck
 09:50 – 09:55 Use of combined proximal and distal protection during high risk CAS
 C. Mena-Hurtado
 09:55 – 10:00 Extraction of large thrombus developed at time of carotid stenting S. Dohad
 10:00 – 10:10 My personal nightmare case selection H. Sievert
 10:10 – 10:15 Endovascular repair of a carotid aneurysm after head and neck radiation
 M. Wilderman
 10:15 – 10:45 ■ Live case transmission from Leipzig
 10:45 – 10:50 Retrograde stenting of innominate artery occlusion via carotid artery cut down
 E. Korngold
 10:50 – 11:00 Discussion and conclusion
- 11:00 – 12:30 Deep Dive: Carotid interventions – Part II** in cooperation with TCT
Chairman: A. Cremonesi Moderators: N. Hopkins, G. Coppi, S. Bartus
- 11:00 – 11:05 Introduction by the chairman
 11:05 – 11:30 ■ Live case transmission from Berlin
 11:30 – 11:37 Proximal protection or filters – selection of embolic protection based on a large single center experience using a tailored CAS algorithm
 P. Odrowaz-Pieniazek
 11:37 – 11:44 Optimal use of proximal protection systems – tips and tricks from the expert
 E. Stabile live from Mercogliano
 11:44 – 11:51 The role of advanced cerebral imaging for patient selection and procedure planning G. Schroth
 11:51 – 11:58 What are the implications of asymptomatic diffusion-weighted MRI lesions after carotid revascularization? J. Balzer
 11:58 – 12:05 Surgical CEA in local anesthesia – our experience in 1000+ patients R. Ghotbi
 12:05 – 12:12 Managing carotid in-stent restenosis P. Montorsi
 12:12 – 12:19 CAS in 2013, literature review and future outlook: is more evidence needed?
 R. Bersin
 12:19 – 12:30 Discussion

- 12:30 – 13:30 Global Expert Exchange: Challenging EVAR cases and complications – Part I**
Chairmen: P. Cao, M. Makaroun
Moderators: M. Wilderman, C. Moomey, E. Woo, E. Lipsitz, N. Morrissey, A. Nanjundappa
- 12:30 – 12:35 Introduction by the chairman
 12:35 – 12:40 Our treatment algorithm and results for complex endovascular repair of juxtarenal/suparenal thoraco-abdominal aneurysms in patients unfit for open surgery M. Wilderman
 12:40 – 12:45 Acute thrombosis of bilateral renal snorkel endografts in the postoperative period following EVAR C. Moomey
 12:45 – 12:50 Our experience with snorkel or sandwich techniques for TAAA E. Woo
 12:50 – 12:55 Hemoptysis and thoracic aneurysm 40 years following subclavian-aortic bypass for coarctation treated with endograft and Amplatzer plug E. Lipsitz
 12:55 – 13:00 Emergent repair of ruptured thoracic aneurysm eroding into a bronchus
 N. Morrissey
 13:00 – 13:05 Endovascular stent-graft for coarctation of the aorta A. Nanjundappa
 13:05 – 13:10 Management of infected endografts E. Woo
 13:10 – 13:30 Discussion and conclusion



- 13:30 – 17:00 Global Expert Exchange: Challenging lower limb cases and complications – Part I**
 Chairmen: *G. Biamino, C. Metzger*
 Moderators: *N. Bernardo, H. M. Gijßler, P. Patel, R. Varcoe*
- 13:30 – 13:35 Introduction by the chairman
- 13:35 – 13:40 Transcollateral endovascular intervention in a critical limb ischemia patient
G. Adams
- 13:40 – 13:45 My experience with ipsilateral retrograde approaches for limb salvage
M. Goodwin
- 13:45 – 13:50 Tibial collateral perforation during attempted transcollateral recanalization
R. Hieb
- 13:50 – 13:55 Utility of orbital atherectomy in BTK interventions *G. Adams*
- 13:55 – 14:00 The use of polymer free sirolimus drug eluting stents in the treatment of infra-popliteal arterial obstructions *E. Marone*
- 14:00 – 14:30 ■ *Live case transmission from Mercogliano*
- 14:30 – 14:35 Management of a perforation of the peroneal artery *A. Nanjundappa*
- 14:35 – 14:40 What is the role of atherectomy in the dawn of drug eluting devices *A. Lee*
- 14:40 – 14:45 Incidence of distal embolization during lower limb interventions:
 When to use distal protection *N. Morrissey*
- 14:45 – 14:50 Salvage techniques for embolization syndrome of the pedal circulation *Ch. Lesar*
- 14:50 – 14:55 Popliteal perforation after atherectomy *A. Lee*
- 14:55 – 15:20 ■ *Live case transmission from São Paulo*
- 15:20 – 15:25 CART and reverse CART techniques for challenging peripheral CTOs *B. Reddy*
- 15:25 – 15:30 Utility of Avinger's Wildcat catheter in crossing difficult aortoiliac CTOs *P. Muck*
- 15:30 – 15:35 SAKE study: SUPERA interwoven nitinol stent outcomes in above knee interventions – 12 months results *R. Kovach*
- 15:35 – 15:40 IDEV Supera Stenting in highly unusual locations to preserve dialysis access
C. Moomey
- 15:40 – 16:00 ■ *Live case transmission from Münster*
- 16:00 – 16:05 Rare case of bilateral common iliac vein compression by bilateral iliac artery stents and calcification *J. George*
- 16:05 – 16:10 Hybrid approach to limb salvage in a patient with infected fem-fem bypass graft
D. Schneider
- 16:10 – 16:15 Extra vascular migration of a stent-graft? *P. Patel*
- 16:15 – 16:20 Hybrid approaches for aortoiliac and iliofemoral arterial disease *E. Lipsitz*
- 16:20 – 16:25 "Pieces and parts": Novel use of Viabahn and Excluder devices for complex aortoiliac endovascular reconstruction *E. Moore*
- 16:25 – 16:30 Endovascular repair of acute aortic occlusion through left arm *D. Martin*
- 16:30 – 16:35 Lytic infusion vs. bolus therapy for peripheral arterial thrombosis *J. George*
- 16:35 – 16:40 Endovascular management of bilateral iliac CTO extending to the distal SFA *J. Yoho*
- 16:40 – 16:45 Salvage of fem-pop bypass graft outflow via retrograde pedal access
R. Brightwell
- 16:45 – 17:00 Discussion and conclusion

Electronic posters will be displayed from 08:00 – 18:00

13:30 – 15:00 Moderated poster round in front of the LINC studio

Jurors: *F. Vermassen, D-D. Do, W. Ritter*

Other/Renal

- 13:30 – 13:35 Ultrasound guided thrombin injection of arterial pseudoaneurysm: results of a long-term registry *B. Schmid*
- 13:35 – 13:40 Treatment of critical lower limb ischemia (CLI) in a developing country; challenges and solutions *B. Ghonem*
- 13:40 – 13:45 Angioplasty in the lower limbs to treat injuries of femoral superficial artery and or below the knee *A. Goldsmit*
- 13:45 – 13:50 Clinical impact of polyvascular disease on gender difference in patients undergoing coronary intervention: subanalysis of the PrePAD study *T. Miura*
- 13:50 – 13:55 Transradial approach for vascular access interventions *B. P. Mwiapatayil*
- 13:55 – 14:00 Cutting balloon angioplasty for resistant stenosis of dialysis access – initial single center experience *B. Soares*
- 14:00 – 14:05 Hybrid approach for resistant stenosis of dialysis access – initial single center experience with open thrombectomy and cutting balloon *B. Soares*
- 14:05 – 14:10 Six cases of stuck permanent double lumen hemodialysis catheters (Permcath)
A. A. Beigi

Endovascular aortic

- 14:10 – 14:15 Impact of ozone nano-bubble for infection of stentgraft *K. Hanzawa*
- 14:15 – 14:20 Contemporary real-world EVAR outcomes in perspective: in early comparison of the ENGAGE and EUROSTAR registries *R. Stokmans*
- 14:20 – 14:25 Evaluation of the use of vascular endostaplers in primary and reintervention endovascular aneurysm repair *J. A.W. Teijink*
- 14:25 – 14:30 Introducing the EAGLE registry: Endovascular AAA repair with the Endurant stent graft in challenging anatomy, a global experience *P. Broos*
- 14:30 – 14:35 Aortic remodeling after thoracic endovascular aortic repair in type B aortic dissection *H. Bozkaya*
- 14:35 – 14:40 Mechanical comparison of aortic stent grafts as an aid in selection and sizing
S. de Bock
- 14:40 – 14:45 The effects of anaesthesia type on peri-operative outcome after endovascular AAA repair: An analysis from the ENGAGE registry *R. Stokmans*
- 14:45 – 14:50 Challenging the evidence for pre-emptive coil embolisation of the internal iliac artery during endovascular aneurysm repair *R. Stokmans*
- 14:50 – 14:55 A human factors performance model of endovascular surgery applied to TAVI and aortic stent grafts *K. O'Sullivan*
- 14:55 – 15:00 Rapid ventricular pacing during deployment of the thoracic endovascular stent grafts *Y. Engin*



- 08:00 – 09:30** **Symposium: Evolution and revolution in iliac and SFA technology**
supported with an unrestricted educational grant by Abbott Vascular
Chairmen: D. Scheinert, K. Deloose Moderators: C. Setacci, Y. Gouëffic
Introduction by the chairman
Real life experience and longer term data in iliac stenting
BRAVISSIMO TASC C&D 2 year data *K. Deloose*
■ *Live case transmission from Leipzig*
Revolution in SFA treatment technology *R. Rapoza*
Resorbable scaffolds in the SFA: the ESPRIT experience? *D. Scheinert*
Recorded case
Discussion and conclusion by the chairman
- 09:30 – 11:00** **Symposium: Mechanical debulking in occlusive disease – how does it improve your treatment outcomes?**
supported with an unrestricted educational grant by Straub Medical
Chairman: M. Katoh
Moderators: P. Minko, R.O Barbosa, M. Lichtenberg, M. Roček, E. Wedell
Introduction by the chairman
Mechanical thrombectomy: The better treatment option? *M. Lichtenberg*
■ *Live case transmission from Leipzig*
Successful treatment of acute DVT with Aspirex® S *M. Roček*
Rotarex & DEB *A. Schmidt*
■ *Live case transmission from Hamburg*
Discussion and conclusion
- 11:00 – 12:30** **Symposium: Providing options and defining outcomes for overcoming complex iliac/SFA lesions**
supported with an unrestricted educational grant by Cordis
Chairmen: G. Ansel, Th. Zeller Moderators: E. Ducasse, P. Goverde
Introduction by the chairman
Nitinol self-expandable stent in the treatment of obstructive superficial femoral artery disease: two year results from the STROLL trial *W. Gray*
■ *Live case transmission from Leipzig*
Contemporary results on SFA fracture rates – Lessons learned on the factors impacting fracture rates and the severity of fracture *G. Ansel*
Complexities in dealing with peripheral occlusions *Th. Zeller*
■ *Live case transmission from Hamburg*
Discussion and conclusion by the chairman
- 12:30 – 13:30** **Lunch**

- 13:30 – 15:00** **Symposium: The OneShot irrigated RF balloon technology – a promising new approach to renal denervation**
supported with an unrestricted educational grant by Covidien
Chairman: D. Scheinert Moderator: E. Blessing
Introduction by the chairman
Predictors of response *B. Vogel*
■ *Live case transmission from Hamburg*
Clinical experiences with first and second generation RDN devices
Y. Bausback
Irrigated vs. non-irrigated RF technology *K-H. Kuck live from Hamburg*
■ *Live case transmission from Leipzig*
Discussion and conclusion by the chairman
- 15:00 – 16:30** **TCT @ LINC: Controversial issues and new insights for carotid revascularization**
Chairman: W. Gray Moderators: S. Iyer, F. Veith, S. Macdonald, M. Jaff
Introduction by the chairman
Myths about carotid stenting: setting the record straight *W. Gray*
■ *Live case transmission from Hamburg*
Matching carotid vascular anatomy with appropriate revascularization strategies and techniques *S. Macdonald*
Is medical treatment alone really the best solution for all asymptomatic carotid artery stenoses? *M. Jaff*
■ *Live case transmission from Leipzig*
Decision making in light of recent clinical trial results – perspective from a large “surgical CAS-center” *TBD*
Discussion and conclusion
- 16:30 – 18:00** **Future perspectives, unsolved problems and controversial issues in endovascular interventions**
Chairman: G. Biamino
Moderators: M. Dake, A. Erglis, D. Dudek, P. Sobotka
Introduction by the chairman
New horizons in endovascular treatment of valvular heart disease *G. Schuler*
■ *Live case transmission from Leipzig*
Neurologic and vascular complications during TAVI – how to prevent and how to manage *D. Dudek*
Beyond renal denervation for resistant hypertension – future prospects for sympathetic tone modulation *P. Sobotka*
Update on CCSVI: are we finally understanding this disease and its therapy? *M. Dake*
Embolisation therapy – established and new targets *P. Huppert*
Discussion and conclusion



- 08:00 – 09:30 Symposium: Typ B dissection in theory and clinical practice**
Chairman: M. Thompson
Moderators: D. Kucera, M. Lachat, FW. Mohr
 08:00 – 08:05 Introduction by the chairman
 08:05 – 08:11 Natural progress of Typ B dissection *D. Böckler*
 08:11 – 08:36 ■ *Live case transmission from Leipzig*
 08:36 – 08:42 Clinical routine and treatment for type B dissection *H. Ince*
 08:42 – 08:48 Repair of aortic arch pathologies – the surgical standard and the role of innovative techniques *FW. Mohr*
 08:48 – 08:54 Techniques of EndoAnchoring with HeliFX and Initial Results of the ANCHOR Post Market Registry *J.P. de Vries*
 08:54 – 09:24 ■ *Live case transmission from Ludwigsburg*
 09:24 – 09:30 Next frontiers for TEVAR and aortic dissection treatment *H. Krankenberg live from Hamburg*
- 09:30 – 11:00 Symposium: Innovative technologies and approaches for aortic challenges**
 supported with an unrestricted educational grant by Gore & Associates
Chairmen: H. Verhagen, FW. Mohr
Moderators: R. Milner, D. Böckler, R. Fisher
 09:30 – 09:35 Introduction by the chairman
 09:35 – 09:45 Overcoming challenging aortic anatomy: from hostile necks to tortuous iliac arteries *R. Fisher*
 09:45 – 10:05 ■ *Live case transmission from Leipzig*
 10:05 – 10:15 Technical innovations: how important is low profile compared to device integrity? *R. Milner*
 10:15 – 10:25 Experience with the CTAG device, radial fit and challenges in the aortic arch *D. Böckler*
 10:25 – 10:45 ■ *Live case transmission from Leipzig*
 10:45 – 11:00 Discussion and summary
- 11:00 – 12:30 Symposium: The art and science of endovascular sealing in complex anatomies**
 supported with an unrestricted educational grant by Endologix
Chairman: M. Thompson *Moderators: J-P. de Vries, J-P. Becquemin, D. Böckler*
 11:00 – 11:05 Introduction by the chairman
 11:05 – 11:15 ActiveSeal: New innovation in sealing technology *J-P. de Vries*
 11:15 – 11:45 ■ *Live case transmission from Leipzig*
 11:45 – 11:55 Optimizing juxta/pararenal patient management with the Ventana fenestrated system *J-P. Becquemin*
 11:55 – 12:15 Recorded case presentation *J-P. Becquemin*
 12:15 – 12:25 EVAS: Sealing the entire aneurysm with Nellix: The future of EVAR? *D. Böckler*
 12:25 – 12:30 Discussion and conclusion
- 12:35 – 13:20 Lunch symposium: The role of IVC filters in venous diseases**
 supported with an unrestricted educational grant by Cook Medical
Chairman: G. O'Sullivan *Moderator: G. Plant*
 12:35 – 12:40 Introduction by the chairman
 12:40 – 12:55 Potential indications for IVC filters while performing venous thrombectomy and stenting *G. O'Sullivan*
 12:55 – 13:10 Tips and tricks on difficult retrieval of IVC filters *G. Plant*
 13:10 – 13:20 Discussion and conclusion



- 13:30 – 15:00 Symposium: From clinical evidence to clinical practice – new concepts for EVAR and TEVAR**
 supported with an unrestricted educational grant by Medtronic
Chairman: E. Verhoeven
Moderators: JM. Pernes, M. van Sambeek, F. Moll, Ch. Nienaber, M. Thompson, G. Torsello
 13:30 – 13:35 Introduction by the chairman
 13:35 – 13:43 Influence of gender on EVAR outcomes with new low profile device *M. van Sambeek*
 13:43 – 13:51 Reappraisal of EVAR and the hostile neck *F. Moll*
 13:51 – 13:59 Contemporary EVAR durability with next generation devices *H.Verhagen*
 13:59 – 14:30 ■ *Live case transmission from Münster*
 14:30 – 14:38 Rethinking TEVAR for dissection – new insights from INSTEAD *Ch. Nienaber*
 14:38 – 14:46 Optimizing TEVAR outcomes – applying MOTHER registry to clinical practice *M. Thompson*
 14:46 – 14:54 Valiant Captiva – personal experience and 1 year registry results *G. Torsello*
 14:54 – 15:00 Discussion and conclusion by the chairman
- 15:00 – 16:30 CX @ LINC: Abdominal and thoracic aortic aneurysms**
Chairman: R. Greenhalgh
15:00 – 15:15 Debate: Type 2 endoleak after EVAR is benign
 15:00 – 15:05 For the motion: *H. Verhagen*
 15:05 – 15:10 Against the motion: *F. Moll*
 15:10 – 15:15 Discussion and vote
15:15 – 15:30 Debate: Chimney, snorkel, sandwich, periscope grafts are second best every time
 15:15 – 15:20 For the motion: *E. Verhoeven*
 15:20 – 15:25 Against the motion: *M. Makaroun*
 15:25 – 15:30 Discussion and vote
15:30 – 16:00 Great Debate: For uncomplicated Type B dissecting of the thoracic aortic aneurysm, there is a subgroup needing surgery
 15:30 – 15:35 For the motion: *Ch. Nienaber*
 15:35 – 15:40 *M.Thompson*
 15:40 – 15:45 Against the motion: *J. Brunkwall*
 15:45 – 15:50 *V. Rimbau*
 15:50 – 16:00 Discussion and vote
16:00 – 16:30 Great Debate: Level 1 evidence from randomised controlled trials discourages best practice
 16:00 – 16:05 For the motion: *F. Veith*
 16:05 – 16:10 *M. Dake*
 16:10 – 16:15 Against the motion: *P. Taylor*
 16:15 – 16:20 *J-P. Becquemin*
 16:20 – 16:30 Discussion and vote



16:30 – 18:00

Scrub-in with the experts: Chimney and snorkel techniques for treatment of pararenal and thoracic aortic aneurysms

■ With Hans Krankenberg live from Hamburg

■ With Martin Austermann live from Münster

Chairmen: G. Torsello, L. Lobato

Moderators: M. Misfeld, C. Setacci, R. Kolvenbach, S. Seifert, M. Lachat

Flash presentations:

Planning the case for the chimney technique: case selection and implantation technique R. Kolvenbach

Chimney with balloon-expandable stents S. Seifert

Chimney with self-expanding stents M. Lachat

LINC Expert Course: Interventional recanalization of challenging CTOs

08:00 – 09:30

Advanced techniques for complex aorto-iliac and femoral obstructions – Part I

Chairman: C. Rabbia Moderators: S. Botsios, W. Ritter, P. Goverde

■ With live case transmissions from Hamburg

Flash presentations:

Recanalization of aorto-iliac CTOs: Access strategies and the value of re-entry devices S. Duda

Experience with high radial force interwoven nitinol stents in femoro-popliteal arteries – results of the AURORAA-registry P. Goverde

Hybrid techniques for complex iliaco-femoral obstructions: When and how? D. Branzan

09:30 – 11:00

Symposium: A definitive commitment to research and directional atherectomy supported with an unrestricted educational grant by Covidien

Chairman: R. Langhoff Moderators: Th. Zeller, E. Blessing, P. Peeters, L. Garcia

Introduction by the chairman

09:30 – 09:35

Definitive Le: 12 month outcomes Th. Zeller

09:35 – 09:55

■ Live case transmission from Münster

09:55 – 10:15

Definitive Le: A look below the knee E. Blessing

10:15 – 10:25

■ Live case transmission from Münster

10:25 – 10:45

Definitive AR: Vessel prep and drug coated balloons P. Peeters

10:45 – 10:55

Discussion and conclusion

10:55 – 11:00

LINC Expert Course: Interventional recanalization of challenging CTOs (cont.)

11:00 – 12:30

Advanced techniques for complex aorto-iliac and femoral obstructions – Part II

Chairman: P. Peeters Moderators: K. Urasawa, A. Schmidt, D. Scheinert, R. Rückert, M. Lichtenberg

■ With live case transmissions from Münster and Leipzig

Flash presentations:

The Japanese approach to femoro-popliteal CTOs K. Urasawa

The technique of retrograde femoropopliteal recanalization – step-by-step A. Schmidt

COMPLETE SE SFA stent trial final results D. Scheinert

Is there still a role for femoro-popliteal bypass surgery? R. Rückert

The value of CTO devices in challenging lesions M. Lichtenberg

12:35 – 13:20

Lunch symposium: Innovative approaches to resistant hypertension

supported with an unrestricted educational grant by Boston Scientific

Chairman: K. Rocha-Singh Moderators: O. Vonend, M. Sapoval

12:35 – 12:45

Introduction: Where are we? What's at stake? K. Rocha-Singh

12:45 – 12:55

Nephrologist's perspective: What I am looking for O. Vonend

12:55 – 13:05

Novel technology introduction: Featuring a recorded case M. Sapoval

13:05 – 13:20

Discussion and conclusion K. Rocha-Singh

13:30 – 16:30

The CLI-Summit: Extreme interventions below the knee

Chairman: G. Biamino Moderators: P. Huppert, M. Manzi, Y.-G. Ko

■ With live case transmissions from Hamburg and Leipzig

Flash presentations:

Is there a role for BTK interventions in claudicants?

H. Krankenberg live from Hamburg

The angiosome concept in clinical practice: Implications for patient-specific recanalization approaches M. Brodmann

A stepwise technical escalation approach to complex BTK procedures P. Huppert

My puncture technique for the anterior, posterior tibial and peroneal artery – step-by-step A. Schmidt

Interventions in the pedal arch, when and how? M. Manzi

My experience with the SAFARI-technique in complex limb salvage cases

R. Hieb

The value of OCT guided crossing devices in challenging CTOs I. Cawich

Ultrasound guidance for complex BTK procedures L. Harrison



09:00 – 10:00

VIVA @ LINC: Strategies – Carotid disasters and near disasters

Chairman: P. Schneider

Discussants: S. Lyden, G. Ansel, M. Jaff, N. Hopkins, W. Gray

Case presentations



10:30 – 11:30

CX @ LINC: Controversies in lower limb ischaemia

Chairman: R. Greenhalgh

10:30 – 10:35

The crucial presenting symptom R. Ferraresi

10:35 – 10:40

The MIMICS trial principles P. Gaines

10:40 – 10:45

Go for subintimal angioplasty whenever possible A. Bolia

10:45 – 10:50

Body of evidence for drug eluting therapies for intermittent claudication
M. Dake

10:50 – 10:55

Drug coated balloons vs. drug eluting stents in the superficial femoral artery
for claudication Th. Zeller

10:55 – 11:00

Chronic ischaemia below the knee studies – gap in clinical practice evidence
I. Baumgartner

11:00 – 11:05

Foot care saves legs M. Edmonds

11:05 – 11:30

Panel discussion and audience participation



12:30 – 13:30

The optimal treatment approach for highly calcific lesions

Chairman: M. Jaff

Discussants: G. Ansel, L. Garcia, F. Fanelli, C. Metzger, P. Peeters

12:30 – 12:37

Crossing highly calcified lesions: This is what works best in my hands
G. Ansel

12:37 – 12:44

Atherectomy for calcified lesions: Which device works best for which lesion?
L. Garcia

12:44 – 12:51

Is there a role for DEB in calcified arteries? F. Fanelli

12:51 – 12:58

A mechanical challenge should be treated mechanically: Interwoven nitinol-stents
with high flexibility and radial strength are the solution! C. Metzger

12:58 – 13:05

Don't stretch the limits too far! Surgery is still a good option if endovascular fails.
P. Peeters

13:05 – 13:30

Discussion and conclusion



08:00 – 10:30

Deep Dive: Renal denervation

in cooperation with TCT

Chairman: K. Rocha-Singh Moderators: D. Dudek, A. Erglis, S. Desch

08:00 – 08:20

■ Live case transmission from Leipzig

08:20 – 08:27

Understanding the target: Peri-renal nerve distribution, density and
quantification R. Virmani

08:27 – 08:34

Clinical use of renal denervation: Patient selection and results in real world
J. Friedenberger

08:34 – 08:41

Lessons learned with renal denervation in complex anatomies E. Blessing

08:41 – 08:48

How to predict the blood pressure response after renal denervation:

Insights from the Homburg single center experience C. Ukena

08:48 – 08:55

Measuring the clinical effect of renal denervation: Are office blood pressure and
24-hour ambulatory blood pressure monitoring the best surrogates? P. Sobotka

08:55 – 09:00

Discussion

09:00 – 09:30

■ Live case transmission from Hamburg

09:30 – 09:37

Technical approaches to improve the results of renal denervation –
properties of my dream device H. Sievert

Device Parade:

09:37 – 09:42 EnligHTN (St. Jude) Y. Bausback

09:42 – 09:47 V2 System (Vessix) M. Sapoval

09:47 – 09:52 The Ardian/Medtronic multi-electrode technology E. Blessing

09:52 – 09:57 One Shot (Covidien) Y. Bausback

09:57 – 10:02 TIVUS (Cardiosonic) M. Jonas

10:02 – 10:07 Paradise (ReCor) Th. Zeller

10:07 – 10:30

■ Live case transmission from Leipzig

10:30 – 12:30

Nurse and Technician Forum – Part I

Chairmen: M. Werner, K. Deloose

Pioneering techniques and innovations in peripheral interventions

10:30 – 10:40

Drug-eluting stents below-the-knee – clinical benefit for patients
with critical limb ischemia? K. Keirse

10:40 – 10:50

My personal experience with DEB M. Luxenburger-Theobald

10:50 – 11:00

The role of drug eluting balloons in critical limb ischemia F. Liistro

11:00 – 11:10

Drug eluting balloons for the superficial femoral artery – impact on
clinical practice S. Sixt

11:10 – 11:30

Round table discussion

**Access strategies and tools for crossing complex femoropopliteal
and BTK lesions**

11:30 – 11:40

Pedal puncture and other retrograde recanalization techniques –
indications and techniques M. Werner

11:40 – 11:50

14, 18, 20, 35: Which wire for which lesion and why? D-D. Do

11:50 – 12:00

Re-entry devices for femoro-popliteal CTOs Y. Bausback

12:00 – 12:10

Subintimal or intraluminal, which way to go? K. Deloose

12:10 – 12:30

Round table discussion



- 12:30 – 13:30 **Global Expert Exchange:
Challenging EVAR cases and complications – Part II**
Chairmen: V. Riambau, M. Dake
Moderators: P. Kelly, V. Bedi, R. Kovach, R. Milner, S. Hussain, D. Schneider
- 12:30 – 12:35 Introduction by the chairman
- 12:35 – 12:40 Endovascular repair of abdominal and iliac aneurysms with preservation of pelvic flow – an innovative stent-graft technology *P. Kelly*
- 12:40 – 12:45 Management of a thoracoabdominal aneurysm using debranching, on-table fenestration and sandwich technique *V. Bedi*
- 12:45 – 12:50 Percutaneous coil embolization and thrombin assisted closure of a blind common iliac artery aneurysm post aorto-bifemoral bypass and ipsilateral aneurysm repair *R. Kovach*
- 12:50 – 12:55 Congenital left femoral arteriovenous malformation treated with modular hybrid bifurcated stent graft *P. Kelly*
- 12:55 – 13:00 TEVAR with unintentional carotid artery coverage *R. Milner*
- 13:00 – 13:05 Complex embolization therapy for visceral anatomy *S. Hussain*
- 13:05 – 13:10 Percutaneous transluminal coil embolization of bilateral hypogastric artery aneurysms *D. Schneider*
- 13:10 – 13:15 Use of an ASD closure device to treat a visceral segment saccular aneurysm *R. Milner*
- 13:15 – 13:30 Discussion and conclusion
- 13:30 – 16:30 **Nurse and Technician Forum – Part II**
Chairmen: T. Tübler, A. Pascotto
- Aortic interventions**
- 13:30 – 13:40 Thoracic endovascular aortic repair (TEVAR): Indications and basic procedure *H. Ince*
- 13:40 – 13:50 Acute aortic syndrome: From symptoms to therapy *T. Kölbel*
- 13:50 – 14:00 Transcatheter aortic-valve implantation (TAVI): Indications and basic procedure *A. Linke*
- 14:00 – 14:10 Round table discussion
- Miscellaneous devices**
- 14:10 – 14:20 What is endovascular atherectomy and which devices are out there? *U. Beschorner*
- 14:20 – 14:30 Closure devices: Common devices – when to use and when not *A. Pascotto*
- 14:30 – 14:40 Things I have learned from thousands of carotid artery stenting procedures *K. Mathias*
- 14:40 – 14:50 Round table discussion
- Endovascular treatment of hypertension**
- 14:50 – 15:00 Treating hypertension by renal denervation *Y. Bausback*
- 15:00 – 15:10 Treating hypertension by renal artery stenting *T. Tübler*
- 15:10 – 15:20 Round table discussion
- Emergencies in the cathlab**
- 15:20 – 15:30 Severe and transient complications during and after CAS *T. Tübler*
- 15:30 – 15:40 Bleeding complications and puncture site complications *S. Müller-Hülsbeck*
- 15:40 – 15:50 Round table discussion
- Limb salvage**
- 15:50 – 16:00 Chronic limb ischemia: preventing amputations – an interdisciplinary challenge *A. Micari*
- 16:00 – 16:10 Treatment of the diabetic foot – the how and why *K. Keirse*
- 16:10 – 16:20 Acute limb ischemia – therapeutic options *M. Werner*
- 16:20 – 16:30 Round table discussion

Electronic posters will be displayed from 08:00 – 18:00

09:30 – 11:00 **Moderated poster round in front of the LINC studio**

Jurors: P. Cao, E. Minar

Venous

- 09:30 – 09:35 Endovascular treatment of post-thrombotic syndrome in chronic iliac venous occlusion secondary to bull horn injury *D. Cervell Rodriguez*
- 09:35 – 09:40 Right-sided May Thurner and Nutcracker syndrome due to left-sided inferior vena cava compression. A challenging endovascular approach *M. Ramirez Ortega*
- 09:40 – 09:45 Treatment of May Thurner syndrome complicated with massive ileum femoral thrombosis-related of two cases *C. Hidasy*

Other/Renal

- 09:45 – 09:50 A case of diabetes mellitus and chronic kidney disease with a 50 year old lady *A. Khan*
- 09:50 – 09:55 In-stent restenosis of renal artery in patient with solitary kidney and acute renal failure *O. Pityk*
- 09:55 – 10:00 Context pancreatic pseudoaneurysm rupture is a rare complication of chronic pancreatitis with severe prognosis and high mortality *F. Gallardo*
- 10:00 – 10:05 Flash pulmonary edema due to atherosclerotic renal artery stenosis-A case series *R. Vijayvergiya*
- 10:05 – 10:10 Arterio-arterial prosthetic duct (AAD) on anterior abdominal wall as a vascular access in hemodialysis *E. Mostafa*

PVD femoropopliteal

- 10:10 – 10:15 A rare complication of mechanical thrombectomy in superficial femoral artery *S. Rudnicka*
- 10:15 – 10:20 Penetration of calcified lesions in chronic total occlusion by using a Brockenbrough needle *Y. Miyashita*
- 10:20 – 10:25 Endovascular solution of multiple reocclusions following PI-PIII interposition graft *J. Jenkner*
- 10:25 – 10:30 Revascularization of a chronically occluded popliteal artery: retrograde approach and angioplasty using the Chocolate PTA balloon catheter as a stand alone therapy *W. Gray*

PVD aorto-iliac

- 10:30 – 10:35 Axillofemoral bypass in the management of a stent graft occlusion for abdominal aortic aneurysm (AAA) in a high-risk patient *A. Cetinkaya*
- 10:35 – 10:40 Expansion of an iliac aneurysm after treatment with multilayer stent: an unusual case *P. Sirignano*
- 10:40 – 10:45 Technical tip when treating an occluded common iliac artery *A. Garcia Familiar*
- 10:45 – 10:50 Exclusion of a complex ilioacaval fistula after failed previous open and endovascular approaches *U. Bengisun*
- 10:50 – 10:55 Iliac artery perforation as a complication of subintimal angioplasty *T. Sahu*

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. Jaff, S. Macdonald

Endovascular aortic

13:30 – 13:35

We describe with a presentation including images a complication of EVAR and the steps we took to solve the problem *R. Wells*

13:35 – 13:40

Nightmare during complicated EVAR *V. Kumar*

13:40 – 13:45

An original technique to remodel proximal severe angulated aortic neck and avoid type Ia endoleak during EVAR *E. Chisci*

13:45 – 13:50

Successful endovascular treatment of an aortic mycotic pseudoaneurysm: Two cases with two year follow up *I. Bouckenooghe*

13:50 – 13:55

How to prevent complications of aortic neck thrombus during endovascular abdominal aortic aneurysm repair? *K. Chinsakchai*

13:55 – 14:00

Percutaneous embolization of patent intercostal artery causing persistent type II endoleak and sac enlargement of thoracoabdominal aneurysm 2 years after hybrid repair *F. Mussa*

14:00 – 14:05

The endograft infection has been reported uncommon. In the early stages, symptoms are not specific and laboratory and imaging results are not always conclusive *C. Pedraza*

14:05 – 14:10

The successful treatment of multiple aortic mycotic aneurysm with homograft: A case report *R. Makar*

14:10 – 14:15

Unusual early complication of endovascular aortic aneurysm repair: Acute retrograde type B aortic dissection *K. Hongku*

14:15 – 14:20

Bridging "side-to-side" disconnected endografts after TEVAR failure *H. Rodrigues*

14:20 – 14:25

Aortoduodenal syndrome is a rare condition defined as obstruction of the third part of the duodenum caused by a large abdominal aortic aneurysm *B. Ridgen Green*

14:25 – 14:30

Endovascular management of common hepatic artery aneurysm in a patient with Ehlers-Danlos syndrome *S. Ilyas*

Supra aortic/carotid

14:30 – 14:35

Pulse-less disease of aortic arch-100% occluded all major arteries treated with percutaneous intervention *R. Vijayvergiya*

14:35 – 14:40

Case report of challenging exclusion of a large aneurysm of the right subclavian artery where open surgery had failed and use of a covered stent graft was not possible due to vessel tortuosity *C. Day*

14:40 – 14:45

Carotid angioplasty and stenting (CAS) has been demonstrated to be safe and an acceptable alternative to surgery *L. Garriboli*

14:45 – 14:50

History of a 35 yr. old patient with right upper limb claudication and right hemicranial headache, history of TIA *S. Chandra*

14:50 – 14:55

Challenging Case of a 77 old gentlemen *O. Al Shammeri*

09:00 – 12:30

Critical issues in aortic endografting

Chairman: F. Veith

Moderators: A. Lobato, P. Cao, J. Busquet, S. Debus, D. Raithel, P. Goverde

09:00 – 09:05

Introduction by the chairman

09:05 – 09:50

■ Live case transmission from Münster

09:50 – 09:58

EVAR or AAAs with marginal necks: are repositionable infra renal devices better? *C. Timaran*

09:58 – 10:06

Branched and fenestrated grafts for the abdominal aorta:

10:06 – 10:14

Review of techniques and results *E. Verhoeven*

10:14 – 10:22

Endovascular techniques for pathologies of the aortic arch *P. Kasprzak*

10:22 – 10:30

Endovascular treatment also for aneurysms related to chronic type B dissection? *G. Torsello*

10:30 – 10:40

EVAR for acute type B dissection. Only for symptomatic patients? *J. Brunkwall*

10:30 – 10:40

Is EVAR a feasible option also for ruptured thoraco-abdominal aneurysms?

10:40 – 11:02

Pro-chimney/snorkel techniques *R. Kolvenbach*

11:02 – 11:10

Pro-branched/fenestrated grafts *A. Gussmann*

11:10 – 11:18

■ Live case transmission from Leipzig

11:18 – 11:26

Our experience with sandwich and snorkel techniques *A. Lobato*

11:26 – 11:34

My experience with HeliFX: When and Where are EndoAnchors

11:34 – 11:39

applicable in EVAR? *D. Böckler*

11:39 – 11:47

Endoleak treatment after EVAR *T. Larzon*

11:47 – 12:18

EVAR with low-profile devices. The future? *M. Makaroun*

12:18 – 12:26

Featured research:

12:26 – 12:30

5-year experience with the Endurant stent-graft in 600 patients *K. Donas*

12:30 – 14:00

GREAT GORE® C3 Registry: 400 Patient Clinical Experience *D. Böckler*

12:30 – 12:37

■ Live case transmission from Münster

12:37 – 12:44

Is multi-modality imaging by "FUSION" the final step for a completely

12:44 – 13:04

non-invasive EVAR procedure *JM. Pernes*

13:04 – 13:11

Discussion and conclusion

13:11 – 13:18

Discussion and conclusion

13:18 – 13:25

Challenging cases and complications: Great saves and big disasters

13:25 – 13:46

Chairman: G. Biamino

13:46 – 13:53

Moderators: W. Ritter, P. Cao, Th. Larzon, A. Lobato, D. Raithel

13:53 – 14:00

Iliacaval and femoral thrombosis following IVC filter placement with subsequent

14:00 – 14:07

lysis and adherent filter retrieval *B. de Rubertis*

14:07 – 14:14

Critical limb ischemia with infected PTFE bypass graft: a heroic limb-saving

14:14 – 14:21

endovascular achievement *N. Bernardo*

14:21 – 14:28

■ Live case transmission from Leipzig

14:28 – 14:35

Bilateral renal artery stenosis in a 7-year old child *A. Sayed*

14:35 – 14:42

Case report of late development of severe spinal ischemia after combined

14:42 – 14:49

endovascular and open surgical treatment of acute type B aortic dissection and

14:49 – 14:56

infrarenal aortic aneurysm *G. Rothenbacher*

14:56 – 14:59

I can feel two femoral pulses in each groin! *N. Hamada*

14:59 – 15:06

■ Live case transmission from Leipzig

15:06 – 15:13

Complex treatment of thoracic aortic trauma *J.-F. Noya*

15:13 – 15:20

Posterior fossa stroke due to acute vertebral and basilar artery occlusion:

15:20 – 15:27

Endovascular salvage *V. Kumar*



- Exhibitors:**
- 10 Aachen Resonance
 - 6 Abbott Vascular
 - 33 Aptus
 - 38 Argon Medical Devices
 - 34 Asahi Intecc
 - 17 Atrium
 - 32 Avinger
 - 9 Bayer HealthCare
 - 39-2 Bentley Innomed
 - 27 BIOTRONIK
 - 21 Boston Scientific
 - 35 Braun Melsungen
 - 2 C. R. Bard
 - 30 Cardionovum
 - 19 Cook Medical
 - 20 Cook Medical Lounge
 - 25 Cordis
 - 24 Covidien
 - 29 EKOS Corporation
 - 5 Endologix International
 - 3 Endoscout
 - 7-2 EUROCOR
 - 14 Gore & Associates
 - 16 Hansen Medical
 - 4 IDEV
 - 36 Joline
 - 40 JOTEC
 - 42 Kyoto Medical Planning
 - 7 Lounge area
 - 1 Medtronic
 - 39 Mentice
 - 13 Optimed
 - 8 Pan Medical
 - 41 Qualimed
 - 18 Siemens
 - 26 Spectranetics
 - 7-3 St. Jude Medical
 - 22 Straub Medical
 - 12 Teleflex
 - 23 Terumo
 - 31 Therapeutic
 - 15 TriVascular
 - 37 Upstream Peripheral Technologies

- 28 Table Top Exhibitors:**
- TT8 ABW-Verlag & CoreLab Bad Krozingen
 - TT3 CX Symposium/ Vascular News
 - TT1 Endovascular Today
 - TT4 Future meetings table
 - TT1-2 LeMaitre
 - TT4-2 MediTech
 - TT2 Minerva Medica
 - TT4-3 Oscillon
 - TT6 SITE
 - TT2-2 TeraRecon
 - TT9 TriReme Medical
 - TT5 VIVA
 - TT7 wisepress

- Meeting Rooms:**
- A7 Boston Scientific
 - A2 by day/half day
 - A12 by day/half day
 - A13 by day/half day
 - A5 C. R. Bard
 - A9 Covidien
 - A1 Gore & Associates
 - A4 IDEV
 - A6 Press room
 - A3 Straub Medical
 - A8 Terumo
 - A11 TriVascular

- Pavilions:**
- B2 Abbott Vascular Innovations Pavilion
 - B3 Gore & Associates Learning Center
 - B1 Medtronic Technology Center

- Faculty:**
- C3 CongO
 - C1 Faculty Lounge
 - C2 Speaker Ready Room

SHUTTLE SERVICE

At LINC 2013 we offer our participants a shuttle service to and from the Messe Leipzig.

Bus shuttles will be leaving every morning.

Wednesday at 07:00am

Thursday at 6:45am (Breakfast Session) and 07:15am

Friday at 07:15am

Saturday at 08:20am

in front of the following hotels:

- Balance Hotel Leipzig Alte Messe
- City Partner Suite Hotel
- Hotel Fürstenhof
- Leipzig Marriott Hotel
- Mercure Hotel Art Leipzig
- Hotel Mercure am Johannisplatz
- Hotel Michaelis
- NH Hotel Leipzig Messe
- Novotel Leipzig City
- pentahotel Leipzig
- Radisson Blu Hotel
- Ramada Hotel Leipzig
- Ramada Hotel Leipzig City Centre
- Seaside Park Hotel
- Steigenberger Grandhotel Handelshof Leipzig
- Victor's Residenz-Hotel
- The Westin Hotel



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

PUBLIC TRANSPORTATION

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. Please check the schedule on our website two weeks prior to the course.
- Every 30 minutes a train leaves 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. Please check the schedule on our website two weeks prior to the course.

Save the date:
LINC 2014
January 28–31, 2014

L I N C