LEIPZIG INTERVENTIONAL COURSE 2020

28–31 January 2020
Trade Fair Leipzig, Hall 2
Messe-Allee 1, 04356 Leipzig, Germany

Programme

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

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

The involvement of leading interventional centers from Europe 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 2020.
The Venue
Trade Fair Leipzig, Hall 2
Messe-Allee 1
04356 Leipzig, Germany
www.leipziger-messe.de

Room 1 – Main arena 1
Full day programme with state of the art lectures, clinical trial reviews and controversial, interdisciplinary debates, alternating with numerous live case demonstrations highlighting current interventional challenges and new technologies.

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

Room 3 – Technical forum
The programme in this room with a capacity of approximately 500 seats, is dedicated to detailed discussions of featured live and recorded cases and interdisciplinary debates.

Room 4 – Discussion forum
This amphitheatre-style room has a capacity of approximately 200 seats and will feature sessions with specific technical focus, as well as on controversial interdisciplinary debates.

Room 5 – Global expert exchange forum
Renowned experts from around the globe will present challenging case reviews. Region-specific experiences and techniques will be discussed with an interdisciplinary faculty. The programme will be supported with selected pre-recorded and live cases.

Room 6 and 7 – Speakers’ corner
These rooms with an informal lounge style character will feature presentations of selected abstracts, clinical cases and complications, as well as clinical trial updates.

Multiple purpose area 3
Multiple purpose area 3 is located in the adjacent CCL, on level 0.
The educational goal of LINC is to stimulate an interdisciplinary discussion on the basis of the scientific evaluation of the different techniques, used for the endovascular treatment in the daily practice. The seminal work over the past years permitted to extend our collaboration to different international leading courses.

**LINC@JET**  
22 February 2020, Knowledge Capital Congres Convention Center, *Osaka, Japan*

**LINC@PAIRS**  
28 February 2020, Grand Hyatt, *Dubai, United Arab Emirates*

**LINC@SITE**  
27 March 2020, School of Medicine, University of Barcelona, *Barcelona, Spain*

**LINC@CICE**  
1–3 April 2020, WTC Theater, Sheraton São Paulo WTC Hotel, *São Paulo, Brazil*

**LINC@CX**  
21–24 April 2020, Olympia Grand, *London, United Kingdom*

**LINC Asia-Pacific**  
LINC Asia-Pacific will focus on the demonstrations of interventional techniques, presenting multiple live cases and interdisciplinary discussions.  
26–27 May 2020, Centara Hotel, *Bangkok, Thailand*

**LINC@DGA**  
11 September 2020, bigBOX ALLGÄU Conference, *Kempten, Germany*

**LINC@CCT**  
22–24 October 2020, Kobe International Exhibition Hall and Portpia Hotel, *Kobe, Japan*

**LINC@VIVA Conference**  
2–5 November 2020, Wynn Las Vegas, *Las Vegas, USA*

**LINC@CEC**  
5–8 November 2020, China National Convention Center, *Beijing, China*

**LINC@VEITHsymposium**  
17–21 November 2020, New York Hilton-Midtown, *New York, USA*

**LINC Australia/VERVE Symposium**  
3 –5 December 2020, International Convention Centre (ICC), *Sydney, Australia*

Visit the LINC around the world website for updates:  
[www.linc-around-the-world.com](http://www.linc-around-the-world.com)
Special course for nurses and technicians @ LINC
Current concepts and new approaches in endovascular interventions

*Step-by-step review of techniques and data by leading interventional experts*

**Focus on aorto-iliac obstructions**
- Latest techniques for crossing of aortoiliac occlusions
- Optimal reconstruction of the aortoiliac bifurcation – the CERAB technique

**Focus on femoropopliteal arteries**
- The retrograde approach for complex femoropopliteal and BTK obstructions
- Vessel preparation in the SFA before PTA or stenting – the role of optimal balloon angioplasty, high pressure and focal force balloons
- Rotational and directional atherectomy devices: What works in which lesion?
- The controversy about Paclitaxel coated devices – DES vs. DCB in femoral arteries – what works best?

**Focus on BTK arteries and CLI**
- Calcification in BTK arteries and recanalization techniques for CTO’s
- The role of stents and scaffolds in BTK vessels
- The concept of deep venous arterialization for end-stage CLI – current status

**Focus on endovascular aortic repair**
- Optimal imaging for procedural planning and guidance of procedures
- How to deal with difficult aortic necks – the interventional armamentarium
- Branched endografts for thoracoabdominal aneurysms
- Management of ruptured aortic aneurysms
- Radiation protection during endovascular procedures – focus on the eye lens

**Focus on venous interventions**
- Iliac vein recanalization: When and how?
- Venous ulcers: The role of interventions in the venous system

**Focus on embolization procedures**
- Principles of embolization techniques for bleeding, endoleaks and beyond
- Coil embolization before EVAR and TEVAR: What is the rationale?

Due to the great success in the past years, LINC 2020 will feature a nurse and technician session again. The content is developed in cooperation with cath lab personnel in order to provide a maximum correlation to daily routine.

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 and technician session @ LINC.*
Get the LINC 2020 app for iPhone, iPad, and iPod

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

**Exhibitors**
view the list of all LINC exhibitors and find their location on our interactive floorplan.

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

**General Information**
get all important informations about and around LINC to organise your personal LINC visit.

**Faculty**
find the schedule of your favourite faculty members.

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

This app is supported by Gore & Associates
In 2020 we are very happy to continue extending our international collaboration with leading vascular courses:

**CX@LINC**
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**
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.

**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.

**SITE@LINC**
SITE (International Symposium on Endovascular Therapeutics) has become an international appointment to be updated in current technology and future directions in vascular diagnosis and advanced endovascular therapies. SITE is committed to providing the opportunity to discuss the current evidence and all the unmet needs about endovascular techniques.

**CCT@LINC**
Complex Cardiovascular Therapeutics (CCT) was founded in 2001 to explore new techniques in the field of cardiovascular intervention. The spirit of CCT is “challenge and innovation”. The CCT live demonstration course has grown to be the biggest live course in Asia at present.

**Aortic and Peripheral Surgery “HOW TO DO IT”**
This congress has become an event of the greatest importance in the field of vascular surgery, where outstanding experts meet to promote global exchange of recent achievements in open and endovascular aortic procedures, peripheral, carotid and venous disease. The mission of the meeting is to offer participants an update focused on practical aspects of vascular surgery, through a dynamic format, based on rapid paced presentations.
CEC@LINC
Since its establishment in 2008, CEC has always been committed to the aims of strengthening basic treatment, standardizing clinical operations, serving first-line doctors, tracking major research, and comprehensively displaying the latest progress in the field of vascular disease diagnosis and treatment at home and abroad.

JET@LINC
JET has become the largest conference on peripheral vascular intervention in Japan and the number of participants has increased to more than 2,000 in recent years. Many experts, including cardiovascular physicians, vascular surgeons, radiologists, plastic surgeons, and cerebrovascular specialists, will discuss issues comprehensively at the conference, and co-medical activities will also be available.

VEITHsymposium@LINC
VEITHsymposium provides vascular surgeons, interventional radiologists, interventional cardiologists and other vascular specialists with a unique and exciting format to learn the most current information about what is new and important in the treatment of vascular disease.

PAIRS@LINC
The Pan Arab Interventional Radiology Society (PAIRS) was established in 2006, based on Beirut and aims to spread the knowledge about interventional radiology in the Arab world and region. PAIRS is presenting a four-day comprehensive program in Dubai with high-level scientific content, live cases, poster presentations, interactive education and innovative discussions, cutting edge technology and images guidance therapy providing both clinically relevant updates as well as hands-on educational activities.

DGA@LINC
The vascular physicians of the DGA deal with diseases of the arteries, veins and lymphatic vessels in research, teaching and treatment. In 1972, the DGA emerged from two angiological societies. Since then, annual conferences with a comprehensive scientific program have been organized, at which DGA physicians and international vascular physicians exchange scientific information.

Vascupedia@LINC
Vascupedia is an online learning platform in vascular medicine. Its goal is to provide free online vascular education for doctors, nurses and reps. Every vascular and endovascular specialist around the world will gain free state of the art information to all available devices and techniques on the market. Moreover, discussion of controversial topics, debates and votes will be offered to the users. Video recorded cases, literature and conference highlights will be only a few of the additional features. Join this case-based session by well-known vascupedians of excellence and learn about decision making, treatment options and tips & tricks.
During LINC 2020 several live cases will be performed from national and 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.

- University Hospital Leipzig, Leipzig, Germany
- Policlinico Abano Terme, Abano Terme, Italy
- Humanitas Gavazzeni Bergamo, Bergamo, Italy
- Sankt-Gertrauden-Hospital, Berlin, Germany
- Johann Wolfgang Goethe University, Frankfurt a. Main, Germany
- Galway University Hospital, Galway, Ireland
- University Hospital Jena, Jena, Germany
- Wellmont CVA Heart & Vascular Institute, Kingsport, TN, USA
- St. Franziskus Hospital, Münster, Germany
- Hôpital Marie Lannelongue, Paris, France
- Universitätsspital Zürich, Zurich, Switzerland
LINC 2019 had a multidisciplinary attendance of 4,913 participants from more than 75 countries. Please visit our website for more details.

LINC 2019 – Accreditations and endorsements

• The Sächsische Landesärztekammer with 21 CME points.  
  www.slaek.de
• The Swiss Society for Angiology with 20 Credits  
  www.angioweb.ch
• Dutch Association for Vascular Surgery  
  with 20 accreditation points in Category I  
  www.vaat-chirurgie.nl

LINC 2020 is under the patronage of:

• The German Society for Angiology  
  www.dga-gefaessmedizin.de
• The German Society of Vascular Surgery  
  www.gefaesschirurgie.de

LINC 2020 is endorsed by:

• VIVA  
  The National Education Course for Vascular Intervention and Medicine  
  www.vivapvd.com
• The European Society for Vascular Medicine  
  www.vascular-medicine.org
• The Italian Society of Vascular and Endovascular Surgery  
  www.sicve.it

• LINC 2020 is rated compliant with  
  the Medtech Europe code of ethical business practice  
  www.ethicalmedtech.eu
Registration desks will be open on

**Westin Hotel:**
Monday, 27 January 15:00 – 20:00 On Monday afternoon you have the possibility to pick up your badge/register

**Radisson Hotel:**
Monday, 27 January 15:00 – 20:00 On Monday afternoon you have the possibility to pick up your badge

**Marriott Hotel:**
Monday, 27 January 15:00 – 20:00 On Monday afternoon you have the possibility to pick up your badge

**Venue:**
The registration desks are located in Entrance Hall East at the Neue Messe Leipzig and will be open on:
Tuesday, 28 January 07:00 – 18:00
Wednesday, 29 January 07:30 – 18:00
Thursday, 30 January 07:30 – 18:00
Friday, 31 January 08:30 – 12:00

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

Your name badge must be worn at all times for admittance to all LINC 2020 sessions, including the exhibit area. No new badge will be printed in case of loss. No exceptions will be made.

**Internet access**
Internet is available for free in the exhibit area during the entire duration of the congress. [Network: Leipziger Messe, Username: linc2020, Password: leipzig]

**Privacy**
The qr-code on your badge contains your encoded contact details. Only exhibitors who have the LINC 2020 qr-code reader will be able to obtain them from you. By letting exhibitors scan your badge, you give your consent to share your data.
We will be taking photography throughout the event for use in future marketing and communication activities. If you DO NOT wish your photo to be included, please pick up a GREEN lanyard from the registration desks so that you can be identified by our photographer.

**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.
**LINC 2020 app for iPhone, iPad, and iPod**

At LINC 2020 we are presenting the new congress app. The app is showing the entire course programme, including the live case guide, list of all faculty members and sponsors/exhibitors and other helpful information around LINC 2020. The app features an “add to my calender”-tool to create your own LINC schedule, as well as a very convenient filter to find your points of interest faster. The most exciting feature of the app is the presentation of the scientific sessions, lectures, and live cases of each day of the congress with the possibility to view them again the following day.

**Meeting rooms**

All meeting rooms are located in the adjacent CCL. Please follow the signs from hall 2 to the CCL. A concierge at the CCL will show you the location of your meeting room.

**Room of silence**

The room of silence is located in the adjacent CCL, Multi-Purpose Area 2, level 0. Please follow the signs from hall 2 to the CCL.

**Assistance needed?**

If you need assistance to enter the venue, please contact us at the registration desk in Entrance Hall East, or beforehand in our office at info@cong-o.com.

**Information desk**

For your convenience we have arranged for an information desk in hall 2. You will be able to obtain information/make reservations regarding local restaurants, hotels, ticket sales, etc.

**Restaurant**

At LINC 2020 you have the opportunity to visit our restaurants right next to hall 2. One restaurant offers a self-service counter for beverages and snacks, the other is a full service restaurant, serving a variety of hot and cold dishes every day of the congress.

**For table reservation, please contact:**

Mrs. Xenia Hunger  
Phone: +49 341 678 7011  
E-Mail: xenia.hunger@fairgourmet.de

**Social dinner**

Tickets for our social dinner in the Moritzbastei on Thursday, 30 January 2020, can be purchased for 60,00 Euro online and onsite at the ticket counter on Wednesday and Thursday from 13.00 until 18.00 o’clock on a first comes – first serves basis.
COURSE CHAIRMAN

Dierk Scheinert, Cardiologist, Angiologist, Leipzig, Germany

SCIENTIFIC COMMITTEE

Ayman Al-Sibaie, Interventional Radiologist, Dubai, United Arab Emirates
Iris Baumgartner, Angiologist, Bern, Switzerland
Giancarlo Biamino, Cardiologist, Angiologist, Impruneta, Italy
Marianne Brodmann, Angiologist, Graz, Austria
Roger Greenhalgh, Vascular Surgeon, London, United Kingdom
Wei Guo, Vascular Surgeon, Beijing, China
Stéphan Haulon, Vascular Surgeon, Paris, France
Osamu Iida, Interventional Radiologist, Amagasaki, Japan
Tilo Kölbel, Vascular Surgeon, Hamburg, Germany
Nils Kucher, Cardiologist, Zurich, Switzerland
Steven Kum, Vascular Surgeon, Singapore, Singapore
Armando Lobato, Vascular Surgeon, São Paulo, Brazil
Vicente Riambau, Vascular Surgeon, Barcelona, Spain
Andrej Schmidt, Cardiologist, Angiologist, Leipzig, Germany
Peter Schneider, Vascular Surgeon, Honolulu, United States
Ulf Teichgräber, Interventional Radiologist, Jena, Germany
Giovanni Torsello, Vascular Surgeon, Münster, Germany
Kazushi Urasawa, Cardiologist, Fukuoka, Japan
Ramon Varcoe, Vascular Surgeon, Sydney, Australia
Frank Veith, Vascular Surgeon, New York, United States
Hiroyoshi Yokoi, Cardiologist, Fukuoka, Japan
Thomas Zeller, Cardiologist, Angiologist, Bad Krozingen, Germany

CHAIRMAN LIVE CASE PROGRAMME

Andrej Schmidt, Cardiologist, Angiologist, Leipzig, Germany

LIVE CASE COMMITTEE

Martin Austermann, Vascular Surgeon, Münster, Germany
Ralf Langhoff, Angiologist, Berlin, Germany
Marco Manzi, Interventional Radiologist, Abano Terme, Italy
Chris Metzger, Interventional Radiologist, Kingsport, United States
Antonio Micari, Cardiologist, Palermo, Italy
Gerard O'Sullivan, Interventional Radiologist, Galway, Ireland
Thomas J. Vogl, Interventional Radiologist, Frankfurt, Germany
Karim Abd El Tawab, Interventional Radiologist, Cairo, Egypt
Said Abisi, Vascular Surgeon, London, United Kingdom
George Adams, Interventional Cardiologist, Wake Forest, United States
Mohamed Aggour, Interventional Radiologist, Saint Etienne, France
Enrique Alejandre Lafont, Interventional Radiologist, St. Gallen, Switzerland
Mohamed Almoaiqel, Interventional Radiologist, Riyadh, Saudi Arabia
Jean-Marc Alsac, Vascular Surgeon, Paris, France
Mohammad Altwalah, Interventional Radiologist, Riyadh, Saudi Arabia
Klaus Amendt, Angiologist, Mannheim, Germany
Hiroshi Ando, Interventional Cardiologist, Kasukabe, Japan
René Aschenbach, Interventional Radiologist, Jena, Germany
Enrico Ascher, Vascular Surgeon, New York, United States
Mohammad Badran, Interventional Radiologist, Riyadh, Saudi Arabia
Olaf Bakker, Vascular Surgeon, Utrecht, Netherlands
Jörn Balzer, Interventional Radiologist, Mainz, Germany
Stanislaw Bartus, Cardiologist, Angiologist, Krakow, Poland
Steffen Basche, Interventional Radiologist, Ramsla, Germany
Rupert Bauersachs, Angiologist, Darmstadt, Germany
Yvonne Bausback, Angiologist, Leipzig, Germany
Robert Beasley, Interventional Radiologist, Miami Beach, United States
Ulrich Beschorner, Angiologist, Bad Krozingen, Germany
Theodosios Bisdas, Vascular Surgeon, Athens, Greece
Stephen Black, Vascular Surgeon, London, United Kingdom
Erwin Blessing, Cardiologist, Angiologist, Karlsbad, Germany
Dittmar Böckler, Vascular Surgeon, Heidelberg, Germany
Michael Borger, Cardiac Surgeon, Leipzig, Germany
Marc Bosiers, Vascular Surgeon, Dendermonde, Belgium
Michel Bosiers, Vascular Surgeon, Münster, Germany
Spiridon Botsios, Vascular Surgeon, Engelskirchen, Germany
Karin Brachmann, Vascular Surgeon, Leipzig, Germany
Sven Bräunlich, Angiologist, Leipzig, Germany
Daniela Branzan, Vascular Surgeon, Leipzig, Germany
Jan Brunckwall, Vascular Surgeon, Cologne, Germany
Florian Bürckenmeyer, Radiologist, Jena, Germany
Richard Bulbulia, Consultant Vascular Surgeon, Oxford, United Kingdom
Peter Bungay, Radiologist, Derby, United Kingdom
Sebastian Carpenter, Vascular Surgeon, Hamburg, Germany
Fausto Castriota, Cardiologist, Interventional Radiologist, Cotignola, Italy
Jun Cheng, Gastroenterologist, Chongqing, China
Roberto Chiesa, Vascular Surgeon, Milan, Italy
Edward Choke, Vascular and Endovascular Surgeon, Singapore, Singapore
Amine Chouiter, Radiologist, Neuchâtel, Switzerland
Giacomo Clerici, Internist, Bergamo, Italy
Jorge Cuenca, Vascular Surgeon, Angiologist, Granada, Spain
Sameer Dani, Interventional Cardiologist, Ahmedabad, India
Maximilian de Bucourt, Interventional Radiologist, Berlin, Germany
Gianmarco de Donato, Vascular Surgeon, Siena, Italy
Rick de Graaf, Interventional Radiologist, Maastricht, Netherlands
Jean-Paul de Vries, Vascular Surgeon, Groningen, Netherlands
INVITED FACULTY

Jose Antonio del Castro, Vascular Surgeon, Oviedo, Spain
Koen Deloose, Vascular Surgeon, Dendermonde, Belgium
Brian DeRubertis, Vascular Surgeon, Los Angeles, United States
Sanjay Desai, Vascular Surgeon, Bangalore, India
Ioannis Diamantis, Radiologist, Jena, Germany
Dai-Do Do, Angiologist, Bern, Switzerland
Bart Dolmatch, Interventional Radiologist, Palo Alto, United States
Konstantinos Donas, Vascular Surgeon, Münster, Germany
Markus Doß, Vascular Surgeon, Leipzig, Germany
Eric Ducasse, Vascular Surgeon, Bordeaux, France
Stephan Duda, Interventional Radiologist, Berlin, Germany
Sandra Düsing, Internist, Leipzig, Germany
Mert Dumantepe, Cardiovascular Surgeon, Istanbul, Turkey
Michael Edmonds, Diabetologist, London, United Kingdom
Pedro Eerdmans, Industry, Geneva, Switzerland
Christian Erbel, Cardiologist, Angiologist, Heidelberg, Germany
Enrique Esteban Hernandez, Interventional Radiologist, Valencia, Spain
Christian Etz, Cardiac Surgeon, Leipzig, Germany
Gianluca Faggioli, Vascular Surgeon, Bologna, Italy
Fabrizio Fanelli, Vascular and Interventional Radiologist, Florence, Italy
Jorge Fernández Noya, Vascular Surgeon, Santiago de Compostela, Spain
Roberto Ferraresi, Interventional Cardiologist, Milan, Italy
Aloke Finn, Interventional Cardiologist, Gaithersburg, United States
Bram Fioole, Vascular Surgeon, Rotterdam, Netherlands
Axel Fischer, Internist, Leipzig, Germany
Tobias Freisinger, Angiologist, Münster, Germany
Bruno Freitas, Vascular Surgeon, Petrolina, Brazil
Masahiko Fujihara, Interventional Cardiologist, Kishiwada, Japan
Naoki Fujimura, Vascular Surgeon, Tokyo, Japan
Martin Funovics, Radiologist, Vienna, Austria
Torsten Fuß, Angiologist, Radebeul, Germany
Peter Gaines, Interventional Radiologist, Sheffield, United Kingdom
Alexander Gangl, Radiology Technician, Graz, Austria
Lawrence Garcia, Cardiologist, Boston, United States
Mauro Gargiulo, Vascular Surgeon, Bologna, Italy
Bernhard Gebauer, Interventional Radiologist, Berlin, Germany
Patrick Geraghty, Vascular Surgeon, St Louis, United States
Reza Ghotbi, Vascular Surgeon, Munich, Germany
Efrem Gomez Jabalera, Vascular Surgeon, Barcelona, Spain
Yann Gouëffic, Vascular Surgeon, St. Herblain, France
Peter Goverde, Vascular Surgeon, Antwerp, Belgium
William Gray, Cardiologist, Wynnewood PA, United States
Mingjin Guo, Vascular Surgeon, Qingdao, China
Olivier Hartung, Vascular Surgeon, Marseille, France
Naoki Hayakawa, Interventional Cardiologist, Asahi, Japan
Paul Hayes, Vascular Surgeon, Cambridge, United Kingdom
Jan Heyligers, Vascular Surgeon, Tilburg, Netherlands
Tobias Hirsch, Angiologist, Halle (Saale), Germany
Arnaud Hocquelet, Interventional Radiologist, Lausanne, Switzerland
Karl-Titus Hoffmann, Neuroradiologist, Leipzig, Germany
Andrew Holden, Interventional Radiologist, Auckland, New Zealand
Peter Huppert, Interventional Radiologist, Bühl/Baden, Germany
Shigeo Ichihashi, Interventional Radiologist, Nara, Japan
Marek Ilzecki, Vascular Surgeon, Lublin, Poland
Timur Imaev, Cardiac Surgeon, Moscow, Russian Federation
Nicholas Inston, Vascular Surgeon, Birmingham, United Kingdom
Ounali Jaffer, Radiologist, London, United Kingdom
Houman Jalaie, Vascular and Endovascular Surgeon, Aachen, Germany
Martin Jonczyk, Radiologist, Berlin, Germany
Robert Jones, Consultant Interventional Radiologist, Birmingham, United Kingdom
Andrea Kahlberg, Vascular Surgeon, Milan, Italy
Piotr Kasprzak, Vascular Surgeon, Regensburg, Germany
Konstantinos Katsanos, Interventional Radiologist, London, United Kingdom
Daizo Kawasaki, Interventional Cardiologist, Osaka, Japan
Roger Kessels, Industry, Eindhoven, Netherlands
Panagiotis Kitrou, Interventional Radiologist, Patras, Greece
Raghu Kolluri, Angiologist, Columbus, United States
Ralf Kolvenbach, Vascular Surgeon, Düsseldorf, Germany
Grigorios Korosoglou, Cardiologist, Angiologist, Weinheim, Germany
Hans Krankenberg, Cardiologist, Angiologist, Hamburg, Germany
Theodoros Kratimenos, Interventional Radiologist, Athens, Greece
Prakash Krishnan, Interventional Cardiologist, New York, United States
Jan Kröger, Vascular Surgeon, Cologne, Germany
Miltiadis Krokidis, Interventional Radiologist, Cambridge, United Kingdom
Mario Lachat, Vascular Surgeon, Zurich, Switzerland
Tina Lautenschläger, Vascular Surgeon, Leipzig, Germany
Holger Lawall, Angiologist, Ettlingen, Germany
Mario Lescan, Vascular Surgeon, Tübingen, Germany
Donglin Li, Vascular Surgeon, Hangzhou, China
Michael Lichtenberg, Angiologist, Arnsberg, Germany
Francesco Liistro, Interventional Cardiologist, Arezzo, Italy
Romaric Loffroy, Interventional Radiologist, Dijon, France
Robert Lookstein, Vascular and Interventional Radiologist, New York, United States
Marzia Lugli, Vascular Surgeon, Modena, Italy
Anina Lukhaup, Angiologist, Munich, Germany
Alessandro Lunardi, Interventional Radiologist, Pisa, Italy
Sean Lyden, Vascular Surgeon, Cleveland, United States
Lieven Maene, Vascular Surgeon, Aalst, Belgium
Martin Malina, Vascular Surgeon, Copenhagen, Denmark
Alexandros Mallios, Vascular Surgeon, Paris, France
Amer Malouhi, Interventional Radiologist, Jena, Germany
Natalie Marks, Vascular Surgeon, New York, United States
Alexander Maßmann, Interventional Radiologist, Homburg/Saar, Germany
Klaus Mathias, Interventional Radiologist, Hamburg, Germany
Manuela Matschuck, Internist, Cardiologist, Angiologist, Leipzig, Germany
Germano Melissano, Vascular Surgeon, Milan, Italy
Matthew Menard, Vascular Surgeon, Lincoln, United States
Bruno Migliara, Vascular and Endovascular Surgeon, Peschiera del Garda, Italy
Michael Moche, Interventional Radiologist, Leipzig, Germany
Frans Moll, Vascular Surgeon, Utrecht, Netherlands
Miguel Montero-Baker, Vascular Surgeon, Houston, United States
Piero Montorsi, Interventional Cardiologist, Milan, Italy
Robert Morgan, Interventional Radiologist, London, United Kingdom
INVITED FACULTY

Nilo Mosquera, Vascular Surgeon, Ourense, Spain  
Katja Mühlberg, Internist, Angiologist, Leipzig, Germany  
Stefan Müller-Hülsbeck, Interventional Radiologist, Flensburg, Germany  
René Müller-Wille, Radiologist, Göttingen, Germany  
Erin Murphy, Vascular Surgeon, Jackson, United States  
Jihad Mustapha, Interventional Cardiologist, Grand Rapids, United States  
Patrice Mwipatayi, Vascular Surgeon, Perth, Australia  
Tatsuya Nakama, Cardiologist, Miyazaki, Japan  
Sigrid Nikol, Cardiologist, Angiologist, Hamburg, Germany  
Piotr Odrowaz-Pieniazek, Interventional Cardiologist, Krakow, Poland  
Kenneth Ouriel, Vascular Surgeon, New York, United States  
Luis Palena, Interventional Radiologist, Abano Terme, Italy  
Sahil Parikh, Interventional Cardiologist, Columbia, United States  
Gianbattista Parlini, Vascular Surgeon, Udine, Italy  
Maciej Pech, Radiologist, Magdeburg, Germany  
Tim Ole Petersen, Interventional Radiologist, Halle (Saale), Germany  
Michele Piazza, Vascular and Endovascular Surgeon, Padua, Italy  
Michael Piorkowski, Angiologist, Frankfurt, Germany  
Corneliu Popescu, Internist, Angiologist, Leipzig, Germany  
Giovanni Pratesi, Vascular Surgeon, Genoa, Italy  
Boris Radeleff, Interventional Radiologist, Hof, Germany  
Marta Ramirez Ortega, Vascular Surgeon, Angiologist, Madrid, Spain  
Christos Rammos, Cardiologist, Essen, Germany  
Mahmood Razavi, Interventional Radiologist, Orange, United States  
Jim A. Reekers, Interventional Radiologist, Amsterdam, Netherlands  
Michel Reijnien, Vascular Surgeon, Arnhem, Netherlands  
Paul Rochon, Interventional Radiologist, Aurora, United States  
Marco Roffi, Cardiologist, Geneva, Switzerland  
Giovanni Rossi, Vascular Surgeon, Lecco, Italy  
Maria Antonella Ruffino, Interventional Radiologist, Turin, Italy  
John Rundback, Interventional Radiologist, Teaneck, United States  
Bartosz Rylski, Cardiovascular Surgeon, Freiburg, Germany  
Ravish Sachar, Interventional Cardiologist, Raleigh, United States  
Oliver Schlager, Angiologist, Vienna, Austria  
Michiel Schreve, Vascular Surgeon, Beverwijk, Netherlands  
Johannes Schuster, Angiologist, Leipzig, Germany  
Arne Schwindt, Vascular Surgeon, Münster, Germany  
Tim Sebastian, Angiologist, Zürich, Switzerland  
Sven Seifert, Vascular Surgeon, Chemnitz, Germany  
Georgios Sfyroeras, Vascular Surgeon, Athens, Greece  
Weihao Shi, Vascular Surgeon, Shanghai, China  
Zhenyu Shi, Vascular Surgeon, Shanghai, China  
Horst Sievert, Cardiologist, Frankfurt, Germany  
Henrik Sillesen, Vascular Surgeon, Copenhagen, Denmark  
Sebastian Sixt, Cardiologist, Angiologist, Biel, Switzerland  
Yoshimitsu Soga, Interventional Cardiologist, Kokura, Japan  
Peter Soukas, Interventional Cardiologist, Providence, United States  
Konstantinos Stavroulakis, Vascular Surgeon, Münster, Germany  
Markus Steinbauer, Vascular Surgeon, Regensburg, Germany  
Sabine Steiner, Angiologist, Vienna, Austria  
Tobias Steinke, Vascular Surgeon, Düsseldorf, Germany
Martin Storck, Vascular Surgeon, Karlsruhe, Germany
Stefan Stortecky, Cardiologist, Angiologist, Bern, Switzerland
Robert Sucher, Vascular Surgeon, Leipzig, Germany
Hideyuki Takimura, Interventional Cardiologist, Tokyo, Japan
Aly Talen, Clinical Researcher, Antwerp, Belgium
Chieh Suai Tan, Nephrologist, Singapore, Singapore
Michinao Tan, Cardiologist, Sapporo, Japan
Tjun Yip Tang, Consultant Vascular Surgeon, Singapore, Singapore
Gunnar Tepe, Interventional Radiologist, Rosenheim, Germany
Jörg Teßarek, Vascular Surgeon, Lingen, Germany
Marcus Thieme, Angiologist, Sonneberg, Germany
Daniel Thomas, Radiologist, Bonn, Germany
Giovanni Federico Torsello, Interventional Radiologist, Berlin, Germany
Marcus Treitl, Interventional Radiologist, Murnau, Germany
Santi Trimarchi, Vascular Surgeon, San Donato Milanese, Italy
Nikolaos Tsilimparis, Vascular Surgeon, Munich, Germany
Yoshinori Tsubakimoto, Interventional Cardiologist, Kyoto, Japan
Matthias Ulrich, Angiologist, Leipzig, Germany
Jose Urbano, Interventional Radiologist, Madrid, Spain
Jos van den Berg, Interventional Radiologist, Lugano, Switzerland
Daniel van den Heuvel, Interventional Radiologist, Nieuwegein, Netherlands
Joost A. van Herwaarden, Vascular Surgeon, Utrecht, Netherlands
Marc van Sambeek, Vascular Surgeon, Eindhoven, Netherlands
Hendrik Verhagen, Vascular Surgeon, Rotterdam, Netherlands
Eric Verhoeven, Vascular Surgeon, Nuremberg, Germany
Frank Vermassen, Vascular Surgeon, Gent, Belgium
Susanne von der Heydt, Vascular Surgeon, Berlin, Germany
Wei Wang, Vascular Surgeon, Nanjing, China
Ernst Weigang, Cardiovascular Surgeon, Berlin, Germany
Clifford Weiss, Radiologist, Baltimore, United States
Martin Werner, Angiologist, Vienna, Austria
Marald Wikkeling, Vascular Surgeon, Drachten, Netherlands
Christian Wissgott, Interventional Radiologist, Heide, Germany
Walter Wohlgemuth, Interventional Radiologist, Halle, Germany
Guanhua Xue, Vascular Surgeon, Shanghai, China
Zhidong Ye, Vascular Surgeon, Beijing, China
Amer Zanabili, Vascular Surgeon, Oviedo, Spain
Tong Zhang, Vascular Surgeon, Beijing, China
Hasan Aldailami, Vascular Surgeon, New York, United States
Mohammad Ansari, Interventional Cardiologist, Lubbock, United States
Abdul Bahro, Interventional Cardiologist, Madison, United States
Atif Baqai, Vascular Surgeon, Inverness, United States
Christian Bianchi, Vascular Surgeon, Redlands, United States
Joseph Campbell, Cardiologist, Cleveland, United States
A.R. Chandrashekar, Vascular Surgeon, Bangalore, India
George Chrysant, Interventional Cardiologist, Oklahoma City, United States
David Dexter, Vascular Surgeon, Virginia Beach, United States
William Dixon, Cardiologist, Tallahassee, United States
Takuya Haraguchi, Interventional Cardiologist, Sapporo, Japan
Kenichi Hashizume, Cardiovascular Surgeon, Tokyo, Japan
Keiichi Hishikari, Vascular Surgeon, Angiologist, Yokosuka, Japan
Kei Ichihashi, Cardiologist, Aichi, Japan
Jang Yong Kim, Vascular Surgeon, Seoul, Republic of Korea
Yutaka Kobayashi, Vascular Surgeon, Kyoto, Japan
Richard Kovach, Interventional Cardiologist, Moorestown, United States
Amane Kozuki, Cardiologist, Osaka, Japan
Vamsi Krishna, Cardiologist, Austin, United States
Sanjeev Kumar, Interventional Radiologist, New Delhi, India
Sreekumar Madassery, Interventional Radiologist, Glenview, United States
Michelle Martin, Vascular Surgeon, Wayland, United States
Paul Michael, Cardiologist, Boca Raton, United States
Murali Krishna Nekkanti, Vascular Surgeon, Bangalore, India
Hyung Sub Park, Vascular Surgeon, Seongnam, Republic of Korea
Yong Park, Interventional Radiologist, Seal Beach, United States
Neftali Rodriguez Ramirez, Vascular Surgeon, Mexico City, Mexico
Ajay Savlania, Vascular Surgeon, Chandigarh, India
Eric Scott, Vascular Surgeon, Clive, United States
Atman Shah, Interventional Cardiologist, Chicago, United States
Tejas Shah, Vascular Surgeon, Elk Grove Village, United States
Kenji Suzuki, Interventional Cardiologist, Tokyo, Japan
Anish Thomas, Interventional Cardiologist, St. Louis, United States
Rajesh Vijayvergiya, Cardiologist, Chandigarh, India
Kei Kwong Wong, Vascular Surgeon, Hong Kong, Special administrative region of the people's republic of China
Hsu-Ping Wu, Cardiologist, Hsinchu City, Taiwan, Province of China
Symposium: Stepping forward: Changing the standard of care in lower limb treatments

Supported with an educational grant from Abbott Vascular

Moderator: D. Scheinert

Panel: L. Palena, Y. Gouëffic, K. Deloose. E. Blessing

08:00 – 08:05 Welcome

D. Scheinert

08:05 – 08:13 Mimetic stent technology – providing safe, sustained, and optimal care

E. Blessing

08:13 – 08:38 Live case transmission from Leipzig

08:38 – 08:46 Supersub II – preliminary results

L. Palena

08:46 – 08:54 STELLA Supera – 12-month results revealed

Y. Gouëffic

08:54 – 09:19 Live case transmission from Leipzig

09:19 – 09:27 Supera VMI-CFA study – 2-year follow-up, ready to change the standard of care?

K. Deloose

09:27 – 09:30 Discussion and conclusion
09:30 – 11:00 Latest insights on safety and efficacy of drug-coated devices
Moderators: D. Scheinert, W. Gray
Panel: H. Yokoi, A. Holden, M. Brodmann, P. Schneider, T. Zeller, E. Freisinger
Focus on Paclitaxel safety
09:30 – 09:40 The controversy about Paclitaxel safety – where do we stand?
A summary of concerns, available data, and open questions A. Holden
09:40 – 09:45 First time data release:
In depth independent safety analysis by Syntactx (CRO) of the Lutonix SFA DCB K. Ouriel
09:45 – 09:50 First time data release:
Paclitaxel exposure and dosage of drug-coated balloons for the treatment of PAD:
exploring mortality rates by regions around the globe P. Schneider
09:50 – 09:55 New long-term information on PTX coated DCB: 5-year results from the AcoArt study W. Guo
09:55 – 10:00 Latest information on long-term efficacy and safety on the Zilver PTX programme T. Zeller
10:00 – 10:05 Mortality after use of Paclitaxel-based devices in peripheral arteries:
A real-world safety analysis E. Freisinger
10:05 – 10:12 The presence and the future of drug-coated devices:
What to expect in the next 5 years? W. Gray
10:12 – 10:17 Panel discussion
Focus on new efficacy data and new approaches
10:17 – 10:22 First time data release:
COMPARE-RCT of low dose vs. high dose Paclitaxel coated balloons:
1-year results of the full cohort S. Steiner
10:22 – 10:27 First time data release:
6-month results from Lutonix SFA Japan PMS update Y. Soga
10:27 – 10:32 First time data release:
Illumenate 4-year update S. Lyden
10:32 – 10:37 Drug-coated balloon angioplasty of femoropopliteal lesions maintained
superiority over standard balloon – 2-year results of the randomized EffPac trial D. Scheinert
10:37 – 10:42 RANGER II SFA: Randomized trial of RANGER DCB vs. PTA in the SFA M. Brodmann
10:42 – 10:47 The DCB dose difference: A comparison of drug in tissue of different .018 DCBs A. Holden
10:47 – 10:52 Post-DCB dissection repair: 12-month results from TOBA III C. Wissgott
10:52 – 11:00 Discussion and conclusion
Symposium: Advanced techniques for the treatment of CLI patients
supported with an educational grant from Philips
Moderators: M. Manzi, J. Mustapha
Panel: K. Stavroulakis, M. Lichtenberg, R. Ferraresi

11:00 – 12:30
11:00 – 11:06 The role of advanced imaging in CLI K. Stavroulakis
11:06 – 11:26 Live case transmission from Leipzig
11:26 – 11:32 The role of vessel prep in CLI M. Lichtenberg
11:32 – 11:52 Live case transmission from Bergamo
11:52 – 11:58 DCB in CLI: Rationale and benefit in current times R. Ferraresi
11:58 – 12:30 Discussion and conclusion

Lunch symposium: Paclitaxel and your practice: Global perspectives
supported with an educational grant from COOK Medical
Moderator: W. Gray
Panel: T. Zeller, O. Iida, R. Morgan, I. Baumgartner

12:30 – 13:25
12:30 – 12:32 Introduction W. Gray
12:32 – 12:42 How Paclitaxel is perceived in Japan O. Iida
12:42 – 12:52 Impact of society guidelines in my daily practice R. Morgan
12:52 – 13:02 Applying the guidelines to my treatment algorithm I. Baumgartner
13:02 – 13:12 Follow the data: Zilver PTX global data analysis T. Zeller
13:12 – 13:17 Overcoming the meta-analysis: Moving forward T. Zeller
13:17 – 13:25 Summary of symposium, discussion, and debate W. Gray
13:30 – 15:00  Symposium: Optimizing revascularisation in patients with risk factors and complex peripheral arterial lesions
sponsored by Medtronic
Moderators: D. Scheinert, T. Zeller
Panel: A. Holden, G. Torsello

13:30 – 13:35  Introduction
13:35 – 13:43  Is there a durable treatment option for challenging lesions?
The scientific evidence for drug-coated balloons  A. Holden
13:43 – 13:51  Anatomically challenging lesion locations:
What are my treatment options?  G. Torsello
13:51 – 14:16  ■ Live case transmission from Bergamo
14:16 – 14:24  Opening your BTK treatment options:
Unique tools & techniques  T. Zeller
14:24 – 14:49  ■ Live case transmission from Leipzig
14:49 – 15:00  Panel discussion and conclusion

15:00 – 16:30  Symposium: AcoArt drug eluting solutions:
5 years safety and effectiveness in FP, latest outcome in BTK
supported with an educational grant from Acotec
Moderators: W. Guo, D. Scheinert

15:00 – 15:09  The application of DCB in Type C/D lesion  X. Jia
15:09 – 15:18  Redefining DCB in BTK treatment: 12-month outcomes of AcoArt II study  T. Zhang
15:18 – 15:27  Why DCBs should be first line therapy for most femoropopliteal lesions  T. Zeller
15:27 – 15:36  DCB in BTK: 12-month results of AcoArt BTK Italy study  F. Liistro
15:36 – 15:45  Exploring DCB in TAO  M. Guo
15:45 – 15:54  Distal embolization after DCB – true or false?  D. Li
15:54 – 16:03  Preliminary experience of using DCB in new indications  Z. Shi
16:03 – 16:20  ■ Live case transmission from Leipzig
16:20 – 16:30  Discussion and conclusion
New stent technologies and advanced concepts for implantable vascular scaffolds

Moderators: W. Gray, K. Deloose
Panel: K. Amendt, B. DeRubertis, Y. Gouëffic, O. Iida

16:30 – 16:37  2-year outcomes from the IMPERIAL randomized study of Eluvia and Zilver PTX  W. Gray

16:37 – 16:42  BATTLE: A RCT comparing bare metal stent vs. Paclitaxel polymer free eluting stent: 2-year outcomes  Y. Gouëffic

16:42 – 16:47  ILLUMINA study – 2-year results with a polymer free Sirolimus eluting DES in femoropopliteal arteries  D. Scheinert

16:47 – 16:52  ViabAhn stent graft placement for superficial femoral artery disease reQUIiring endovaScular tHerapy: Vanquish study  O. Iida

16:52 – 16:57  Increased outward force of self-expanding BMS in the SFA could be a significant risk factor for a restenosis  K. Deloose

16:57 – 17:02  Difference in clinical outcomes of low COF stent vs. high COF stent proven in clinical practice  M. Funovics

17:02 – 17:22  ■ Live case transmission from Berlin

17:22 – 17:27  First time data release:
Final results from the LOCOMOTIVE registry using the VascuFlex Multi-LOC stent system in real-world lesions  K. Amendt

17:27 – 17:32  TINTIN study: Final 12-month data with the combination of Luminor DCB + SX stent in TASC C and D lesions  K. Deloose

17:32 – 17:37  A single-center experience with the Tack endovascular system: Real-world tacking above and below-the-knee  M. Lichtenberg

17:37 – 17:42  Dissecting the TOBA data above and below-the-knee: What it means in practice  W. Gray


17:47 – 17:52  1-year results in unselected, real-world patients with the BioMimics 3D Swirling Flow stent in femoropopliteal lesions: The MIMICS-3D registry  M. Lichtenberg


17:57 – 18:00  Discussion and conclusion
Tuesday, 28 January 2020

08:00 – 09:30  Acute deep vein thrombosis and post-thrombotic syndrome
Efficacy and safety of novel mechanical thrombectomy systems for iliofemoral DVT  M. Lichtenberg
CAVA trial: Why catheter interventions will remain the CAVALry of DVT treatment  H. Jalaie
Update on the ARIVA trial: Aspirin plus Rivaroxaban vs. Rivaroxaban alone for the prevention of stent thrombosis in PTS patients  O. Schlager
The TOPOS study: early outcomes of a hybrid oblique nitinol stent for PTS patients with common iliac vein compression  C. Erbel
Validation of duplex sonography for the detection of venous stent stenosis – a case control study  T. Sebastian
08:50 – 09:10  Live case transmission from Zurich
09:10 – 09:30  Live case transmission from Galway

09:30 – 11:00  Iliac artery pathologies: Guidelines, treatment algorithms, and gaps
partially supported with an educational grant from Gore & Associates
Moderators: G. Torsello, P. Goverde
Panel: J. Heyligers, J. Fernández Noya, M. Reijnen, M. A. Ruffino, H. Krankenberg, A. Maßmann
IVUS for aorto-iliac disease: Is contrast media application and high energy radiation redundant?  J. Teßarek
Treatment approach for iliac occlusive disease: What is the best option? Experience and data  A. Maßmann
09:44 – 10:04  Live case transmission from Leipzig
10:04 – 10:12  Iliac branch device indication in consideration of guidelines and clinical data  J. Heyligers
10:12 – 10:20  Case based discussion: Device selection for a successful preservation  J. Fernández Noya
Options and optimal solutions for bridging stenting in renal artery  G. Torsello
Dealing with emergencies in very complex cases: Why I always have enough covered stents on stock  M. A. Ruffino
10:32 – 10:38  The CERAB procedure for complex aortoliliac obstructions: Technical tips and tricks  P. Goverde
10:38 – 11:00  Midterm outcome of CERAB and how to optimize results  M. Reijnen
Discussion and conclusion

11:00 – 12:30  Venous stent placement for post-thrombotic syndrome
Moderators: H. Jalaie, S. Black
Panel: R. de Graaf, T. Sebastian, O. Hartung
11:00 – 11:20  Live case transmission from Galway
11:20 – 11:40  Live case transmission from Zurich
11:40 – 11:48  VENOVO® venous stent – 24-month update on the Vernacular trial G. O’Sullivan via satellite from Galway
11:56 – 12:04  IVUS for guiding endovascular therapy in deep veins  R. de Graaf
12:04 – 12:12  Dedicated woven nitinol stent for the common femoral vein: Arnsberg – Zurich experience  T. Sebastian
12:12 – 12:20  24-month patency rates and clinical results of the SINUS OBLIQUUS® venous stent: Data from the Arnsberg venous registry  M. Lichtenberg
12:20 – 12:30  Discussion and conclusion
Lunch symposium: SELUTION SLR™: A breakthrough in drug-eluting balloon technology supported with an educational grant from Medalliance
Moderators: M. Brodmann, P. Gaines
12:30 – 12:40 Welcome and introduction M. Brodmann
12:40 – 12:50 Importance of sustained drug release in DEB: Insights into preclinical data for the SELUTION SLR™ A. Finn
12:50 – 13:00 Sustained Limus release translating into sustained clinical outcomes: SELUTION SFA™ – 2-year results T. Zeller
13:00 – 13:10 SELUTION SLR™ in clinical practice: Angio case examples U. Beschorner
13:20 – 13:25 Next steps and adjourn P. Gaines

2020 Vision for venous interventions: Where do we go from here? supported with an educational grant from Boston Scientific
Moderators: M. Lugli, O. Hartung
Panel: S. Black, M. Lichtenberg, H. Jalaie
13:30 – 13:33 Introduction and learning objectives O. Hartung
13:45 – 13:55 Pathway for the accelerated treatment of venous leg ulcers S. Black
13:55 – 14:05 The VICI VENOUS STENT: 24-month outcome data M. Lichtenberg
14:05 – 14:10 Panel discussion
14:10 – 14:30 Recorded case presentation from Galway: Pharmacomechanical CDT: The future of DVT treatment? G. O’Sullivan via satellite from Galway
14:30 – 14:37 Classification guided outcomes in chronic venous obstruction H. Jalaie
14:37 – 15:00 A case based panel discussion
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
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<tr>
<td>15:00 – 16:30</td>
<td><strong>New concepts for AV-shunt revascularisation and central vein stenoses</strong></td>
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<td><em>Moderators: R. Lookstein, A. Holden</em></td>
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<td><em>Panel: B. Dolmatch, P. Kitrou, A. Schwindt, D. Branzan, M. Fujihara</em></td>
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<td>15:00 – 15:06</td>
<td>Innovative new device for fistula maturation in the management of dialysis access</td>
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<td><em>S. Desai</em></td>
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<td>15:06 – 15:11</td>
<td><strong>First time data release:</strong></td>
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<td>AV is now endovascular – initial multi-center experience results of the WavelinQ</td>
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<td><em>R. Jones</em></td>
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<td>15:11 – 15:16</td>
<td><strong>First time data release:</strong></td>
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<td>IN.PACT AV access study: 12 month primary outcomes <em>A. Holden</em></td>
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<td>15:16 – 15:21</td>
<td><strong>First time data release:</strong></td>
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<td>Drug-coated balloons in AV access: Budget impact model based on the IN.PACT AV</td>
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<td>access trial – US and German health system perspectives <em>R. Lookstein</em></td>
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<td>15:21 – 15:31</td>
<td><strong>Recorded live case using the IN.PACT AV access drug-coated balloon</strong> <em>A. Holden</em></td>
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<td>15:31 – 15:37</td>
<td><strong>First time data release:</strong></td>
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<td>How I use drug-coated balloons for AV access maintenance <em>A. Mallios</em></td>
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<td>15:37 – 16:02</td>
<td><strong>Live case transmission from Galway</strong></td>
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<td>16:02 – 16:07</td>
<td><strong>First time data release:</strong></td>
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<td>D Hubbard for the treatment of symptomatic central venous stenosis. Results from a</td>
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<td>retrospective multicenter analysis <em>P. Kitrou</em></td>
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<td>16:07 – 16:13</td>
<td>**Value of stent-graft placement in hemodialysis patients with dysfunctional</td>
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<td>arteriovenous fistulas and grafts <em>G. de Donato</em></td>
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<td>16:13 – 16:19</td>
<td>**Value of stent graft placement to treat cephalic arch stenosis in hemodialysis</td>
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<td>patients <em>R. Jones</em></td>
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<td>16:19 – 16:24</td>
<td><strong>First time data release:</strong></td>
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<td>COVERA™ – 12-month update on AVeNEW trial for outflow stenosis in AV fistula circuits</td>
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<td><em>B. Dolmatch</em></td>
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<td>16:24 – 16:29</td>
<td><strong>First time data release:</strong></td>
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<td>COVERA™ – 24-month update on AVeVA study for treatment of venous anastomotic</td>
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<td>lesions in AV grafts <em>B. Dolmatch</em></td>
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<td>16:29 – 16:30</td>
<td><strong>Discussion and conclusion</strong></td>
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<td>16:30 – 18:00</td>
<td><strong>Scrub-in with the experts:</strong></td>
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<td><strong>Endovascular therapy of varicocele and the pelvic congestion syndrome</strong></td>
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<td><em>with Nils Kucher live from Zurich</em></td>
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<td><em>with Gerard O'Sullivan live from Galway</em></td>
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<td><em>Moderators: O. Hartung, T. Sebastian</em></td>
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<td><em>Panel: R. de Graaf, M. Treitl, T. Hirsch</em></td>
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<td>Flash presentations:</td>
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<td>Outcomes of endovascular treatment of PCS <em>O. Hartung</em></td>
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<td>Varicocele and PCS – one and the same? Learning from cases <em>T. Sebastian</em></td>
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<td>Pelvic congestion syndrome: Underdiagnosed, misdiagnosed, and undertreated ...</td>
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<td>What IVUS may show you <em>R. de Graaf</em></td>
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| 10:00 - 10:06 | Carotid disease treatment in 2020 and future predictions  
F. Veith |
| 10:06 - 10:12 | Is classical surgery for carotid disease still necessary in the future?  
M. Storck |
| 10:12 - 10:18 | The ACST-2 trial – recruitment complete, what are the characteristics of our patients, operators, and interventions?  
R. Bulbulia |
| 10:18 - 10:48 | Live case transmission from Bergamo |
| 10:48 - 10:54 | First time data release:  
Performance I trial: 6-month data from a trial using a novel carotid stent, post dilatation balloon and embolic protection device (Neuroguard) for the treatment of carotid stenoses  
R. Langhoff via satellite from Berlin |
| 10:54 - 11:00 | First time data release:  
Latest data from the Roadsaver registry  
R. Langhoff via satellite from Berlin |
| 11:00 - 11:06 | Dual layer stents for treatment of symptomatic and asymptomatic carotid artery stenosis: 6-year data of a high-volume centre – is re-occlusion an issue?  
S. Müller-Hülsbeck |
| 11:06 - 11:12 | A radial access solution for embolic protection during carotid stenting  
P. Montorsi |
| 11:12 - 11:18 | Proximal and distal embolic protection for carotid stenting  
A. Micari via satellite from Bergamo |
| 11:18 - 11:24 | ROADSTER 2 trial results: TCAR is ready for prime time  
P. Schneider |
| 11:24 - 11:44 | Live case transmission from Berlin |
| 11:44 - 11:50 | Transcervical carotid stenting with flow reversal in high risk patients – clinical results and DWMRI findings  
R. Kolvenbach |
| 11:50 - 11:56 | Evaluation of CEA techniques with a simulation tool  
R. Ghotbi |
| 11:56 - 12:02 | Does carotid intervention prevent dementia? Long-term results from over 1,600 patients randomised to CEA or no procedure in ACST-1  
R. Bulbulia |
| 12:02 - 12:08 | Essential imaging for treatment of acute ischemic stroke  
S. Duda |
| 12:08 - 12:14 | Acute stroke interventions in a cardiology department  
H. Sievert |
| 12:14 - 12:20 | Comparison of drug-eluting and bare metal stents for extracranial vertebral artery stenting  
P. Odrowaz-Pieniazek |
| 12:20 - 12:26 | Management of vertebral artery dissection: The reconstructive and the deconstructive approach  
K.-T. Hoffmann |
| 12:26 - 12:30 | Discussion and conclusion |
ROOM 3 – TECHNICAL FORUM

**Tuesday, 28 January 2020 (cont.)**

### 13:30 – 14:15
**Scrub-in with the experts: Interventional techniques for complex femoropopliteal obstructions (part I)**
- a B. Braun symposium
- **with Ralf Langhoff live from Berlin**
- Moderators: B. DeRubertis, G. Biamino
  - Panel: G. Tepe, E. Blessing, K. Amendt
- Flash presentations:
  - Final results and insights of the LOCOMOTIVE study (full cohort)  
    K. Amendt
  - Learning from LOCOMOTIVE and CONSEQUENT: Spot stenting with DCB in high risk patients  
    G. Tepe
  - Case discussion: VascuFlex 2-LOC/3-LOC in long & complex fempop lesion  
    E. Blessing

### 14:15 – 15:00
**Scrub-in with the experts: Interventional techniques for complex femoropopliteal obstructions (part II)**
- **with Matthias Ulrich live from Leipzig**
- Moderator: B. DeRubertis, G. Biamino
  - Panel: G. Tepe, E. Blessing, K. Amendt
- Flash presentation:
  - Current approaches for biomimetic implants  
    M. Piorkowski

### 15:00 – 16:30
**Controversies in endovascular treatment in 2020**
- **Objective:** Address and debate multiple approaches in treatment of carotid and femoropopliteal lesions supported with an educational grant from Terumo
  - Panel: K. Deloose, G. Tepe, Y. Gouëffic, M. Krokidis, M. Lichtenberg, E. Weigang

#### Controversies in carotid treatment
- **15:00 – 15:07**  
  CEA: What else?  
  E. Weigang
- **15:07 – 15:14**  
  CAS: Time to revisit the guidelines?  
  K. Deloose
- **15:14 – 15:19**  
  Conclusion 1  
  Y. Gouëffic

#### Live case transmission from Bergamo
- **15:19 – 15:39**

#### Controversies in fem-pop treatment
- **15:39 – 15:46**  
  Drug-coated balloons: My life after the meta-analysis storm  
  M. Krokidis/G. Tepe
- **15:46 – 15:53**  
  Scaffolds are there to stay  
  M. Lichtenberg
- **15:53 – 15:58**  
  Conclusion 2  
  K. Deloose
- **15:58 – 16:30**  
  Discussion and conclusion
Scrub-in with the experts:
Complex obstructions of the aortoiliac segment or supraortic branches
- with Sven Bräunlich live from Leipzig
- with Fausto Castriota and Antonio Micari live from Bergamo
Moderator: J. Balzer
Panel: P. Mwipatayi, P. Goverde, S. Botsios
Flash presentations:
Management of severe TASC C-D aorto iliac disease  
G. de Donato
Advantages of balloon expandable covered stents – challenges in aortic complex procedures  
Michel Bosiers
Outcome of covered stent in the subclavian artery  
M. Matschuck
Carotid stenting – in stent restenosis and treatment modalities  
P. Odrowaz-Pieniazek
**ROOM 4 – DISCUSSION FORUM**

**Tuesday, 28 January 2020**

12:30 – 13:25

**Lunch symposium: My guidewire algorithm for successfully crossing peripheral lesions**

supported with an educational grant from Asahi Intecc  
*Moderator: R. Ferraresi*

*Discussants: K. Deloose, D. van den Heuvel, T. Nakama*

12:30 – 12:45

**Guidewire technology in the fem-pop area – the next level**  
*K. Deloose*

12:45 – 13:00

**My guidewire algorithm for below-the-knee success**  
*D. van den Heuvel*

13:00 – 13:15

**Sliding, piercing, and other techniques for below-the-ankle lesion crossing**  
*R. Ferraresi*

13:15 – 13:25

**New concept of guidewire for crossing complex lesions**  
*T. Nakama*
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>12:30</td>
<td><strong>DGA@LINC</strong></td>
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<tr>
<td></td>
<td><em>Moderators: D. Scheinert, M. Lichtenberg</em></td>
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<td></td>
<td><em>Panel: R. Bauersachs, E. Blessing</em></td>
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<tr>
<td>12:30</td>
<td>Welcome remarks – addressing unmet needs in CLI</td>
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<td><em>M. Lichtenberg, President of the German Society for Angiology, DGA</em></td>
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<tr>
<td>12:37</td>
<td>CLI is a threat to life and limb!</td>
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<td><em>K. Mühlberg</em></td>
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<td>12:44</td>
<td>Endovascular first for CLI</td>
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<td></td>
<td><em>D. Scheinert</em></td>
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<tr>
<td>12:51</td>
<td>RECCORD registry – healthcare research from daily routine practice</td>
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<td><em>R. Langhoff via satellite from Berlin</em></td>
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<tr>
<td>12:58</td>
<td>Use of atherectomy in CLI patients – current evidence</td>
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<td><em>E. Blessing</em></td>
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<td>13:05</td>
<td>Optimal antithrombotics in CLI</td>
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<td><em>R. Bauersachs</em></td>
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<td>13:12</td>
<td>Diabetic foot infection</td>
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<td><em>H. Lawall</em></td>
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<td>13:19</td>
<td>Discussion and conclusion</td>
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<td>13:30</td>
<td><strong>CLI-Therapies-LINCed</strong></td>
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<tr>
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<td><em>Multidisciplinary case studies from centres of excellence.</em></td>
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<td><em>Tailored strategies on revascularisation and wound management.</em></td>
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<td><em>Moderators: S. Kum, P. Schneider</em></td>
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<td><em>Panel: R. Ferraresi, M. Manzi</em></td>
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<tr>
<td>13:30</td>
<td>Optimising the SFA in CLI</td>
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<td><em>A. Schwindt</em></td>
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<td>13:38</td>
<td>BAD (Big Artery Disease) and SAD (Small Artery Disease) – an appraisal</td>
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<td>of the challenges in CLI revascularisation</td>
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<td><em>R. Ferraresi</em></td>
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<td>13:46</td>
<td>Angiosome interpretation – what to open, how many to open, when to stop</td>
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<td><em>O. Iida</em></td>
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<td>13:54</td>
<td>Learn to cross like a pro – tricks from an Italian maestro</td>
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<td><em>M. Manzi</em></td>
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<td>14:02</td>
<td>Therapeutic solutions for BAD in CLI</td>
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<td></td>
<td><em>G. Adams</em></td>
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<tr>
<td>14:02</td>
<td>Therapeutic solutions for SAD in CLI</td>
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<td><em>T. Nakama</em></td>
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<td>14:18</td>
<td>Making CLI interventions pain free – how to administer a popliteal nerve</td>
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<td>anaesthesia before an intervention</td>
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<td><em>S. Kum</em></td>
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<td>14:26</td>
<td>Managing CLI wounds – 7 min pearls for the interventionist from</td>
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<td></td>
<td>a wound care specialist</td>
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<td></td>
<td><em>G. Clerici</em></td>
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<tr>
<td>14:34</td>
<td>Discussion and conclusion</td>
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</table>
15:00 – 15:30  
**Steps forward in changing BTK standard of care with bioresorbable scaffolds** supported with an educational grant from Abbott Vascular  
*Moderators: B. DeRubertis, S. Parikh*  
*Panel: S. Kum, A. Shah, R. Varcoe*

15:00 – 15:02  
Introduction

15:02 – 15:09  
Bioresorbable scaffolds to treat patients with complex CLTI – 12-month results of the DISAPEAR study  
*S. Kum*

15:09 – 15:16  
**First time data release:**  
2-year results of bioresorbable scaffold for the treatment of patients with complex infrapopliteal arterial disease  
*A. Shah*

15:16 – 15:23  
Long terms results and glimpse into the future with bioresorbable scaffolds for BTK  
*R. Varcoe*

15:23 – 15:28  
Discussion, question, answers

15:28 – 15:30  
Taking home message

15:30 – 17:00  
**CCT@LINC: Advanced endovascular therapy in Japan – pre-recorded live cases**  
*Moderators: G. Biamino, K. Urasawa*  
*Panel: H. Takimura*

15:30 – 15:45  
Video live and lecture  
*M. Tan*

15:45 – 16:00  
Video live and lecture  
*T. Nakama*

16:00 – 16:15  
Video live and lecture  
*N. Hayakawa*

16:15 – 16:30  
Video live and lecture  
*Y. Tsubakimoto*

16:30 – 16:45  
Video live and lecture  
*H. Ando*

16:45 – 17:00  
Discussion and conclusion
12:30 – 13:30 Update on clinical trials and new data – PVD – aortoiliac/EVAR/carotid/AV shunt

Moderators: F. Moll, S. Duda

12:30 – 12:35 Clinical outcomes and prevalence of polyvascular disease with aorto iliac artery disease – 1-year results from OMOTENASHI registry Y. Shintani

12:35 – 12:40 Results of the Frontier IV study with the PerQseal® fully absorbable patch based large hole vascular closure device D. Branzan

12:40 – 12:45 Percutaneous EVAR with low-profile INCRAFT – pros and cons: 12-months results from a single-center analysis D. Branzan

12:45 – 12:50 Immediate and one-month results from a prospective real-world multicentre clinical practice of CAS using the CGuard embolic prevention system: The IRONGUARD 2 study P. Sirignano

12:50 – 12:55 Accumulating long-term evidence for the MicroNet-covered stent safety, efficacy and durability in primary and secondary stroke prevention: 5-year data from the PARADIGM-Extend prospective academic trial P. Musialek

12:55 – 13:00 OPTIMAL endovascular sequestration of high-risk carotid plaque using the CGuard™ MicroNET–covered embolic prevention stent system in consecutive patients with symptoms or signs of carotid stenosis-related brain injury: An intravascular ultrasound – controlled investigator-initiated multicentric multi-specialty study (CGuard OPTIMA) P. Musialek

13:00 – 13:05 Maturation of Ellipsys® EndoAVF for hemodialysis J. Hull

13:05 – 13:30 Discussion and conclusion
13:30 – 13:35  DESAFINADO registry – 12-month results of the Eluvia DES in predominantly CLI  
S. Kum

13:35 – 13:40  Management of de novo long femoropopliteal occlusions; plain balloon, drug coated balloon, bare metal stent; comparative study  
O. Ismail

13:40 – 13:45  SELUTION SLR – a Sirolimus DEB: Use of preclinical studies in predicting device safety  
A. Finn

13:45 – 13:50  SELUTION SLR: Sustained Limus release DEB for long term patient benefit  
T. Zeller

13:50 – 13:55  First-in-man study on the clinical use and safety of the Magic Touch PTA Sirolimus coated balloon catheter in the treatment of infrainguinal peripheral arterial disease: Interim analyses  
E. Choke

13:55 – 14:00  Paclitaxel-coated balloon treatment in patients with in-stent restenosis – 24-months results of the real-world all-comers registry BIOLUX P-III  
M. Brodmann

14:00 – 14:05  Drug coated balloon supported Supera stent vs. Supera stent in intermediate and long-segment lesions of the superficial femoral artery: 2-year results of the RAPID trial  
S. W. de Boer

14:05 – 14:10  The impact of FAilure VIABAHN for femORopopliTeal lesions TRIAL (FAVORITE TRIAL)  
K. Suzuki

14:10 – 14:15  DiRrectional AthErectomy + Drug CoAted BaLloon Angioplasty to Treat Long, Calcified FemoropopliTeal ArterY lesions: Interim results from the REALITY study  
K. Rocha-Singh

14:15 – 14:20  Transverse View Area Loss (TVAL): An informative angiographic outcome in below-knee lesions  
M. Razavi

14:20 – 14:25  TANGO trial 6-month results for adventitial temsirolimus delivery below-the-knee  
I. Cawich

14:25 – 14:30  Everolimus eluting coronary stents for long infra-popliteal lesions for critical limb ischemia: LONG DES-BTK. A 10-year single center experience with long-term follow-up  
R. Lookstein

14:30 – 14:35  Impact of pedal arch revascularisation on clinical outcomes of diabetic patients with critical limb ischemia  
O. Ismail

14:35 – 14:40  Single centre long-term experience with the Boston Scientific eluvia drug-eluting stent in femoro-popliteal arterial occlusive disease  
A. Holden

14:40 – 15:00  Discussion and conclusion
## 15:00 – 16:30
### Challenging cases and complications – iliac

**Moderators:** R. Ghotbi, P. Mwipatayi

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>15:00</td>
<td>Percutaneous endoluminal anatomical bypass technique for patients with external iliac artery occlusion after failed conventional endovascular recanalisation</td>
<td>T. Nakama</td>
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<tr>
<td>15:05</td>
<td>Endovascular management of unusual late presentation of midaortic syndrome infrarenal type</td>
<td>M. Elmeniesy</td>
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<td>15:10</td>
<td>Extreme multi-level endovascular intervention in a patient with NO surgical options</td>
<td>L. Raja</td>
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<td>15:15</td>
<td>Endovascular treatment for abdominal aortic stenosis contributes to renal failure post kidney transplantation</td>
<td>S. Tsuda</td>
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<td>15:20</td>
<td>Hybrid endovascular revascularisation of TASC-D Aortic occlusion in an old monk with ischemic cardiomyopathy</td>
<td>J. Cheewinmethasiri</td>
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<td>15:25</td>
<td>Lost and recovered covered stent endoprosthesis in the abdominal aorta</td>
<td>S. Giusca</td>
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<tr>
<td>15:30</td>
<td>Endovascular treatment of an anastomotic aneurysm between an aorto-biiliac graft limb and retrograde SMA vein bypass resulting in aorto-biiliac graft limb compression and claudication</td>
<td>E. Scott</td>
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<td>15:35</td>
<td>A case of Lerich syndrome with repeated stent reocclusion caused by stent deformation due to mechanical imbalance</td>
<td>K. Ichihashi</td>
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<tr>
<td>15:40</td>
<td>Management of acute ischemia secondary to large bore access in TAVR and left ventricular assist devices</td>
<td>R. Kovach</td>
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<tr>
<td>15:45</td>
<td>Subacute aorto-iliac occlusion in a young male: “When it rains, it pours!”</td>
<td>B. Purushottam</td>
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<td>15:50</td>
<td>AFX in conjunction with inferior mesenteric chimney, an alternative to the aorto-bifemoral by-pass in severe aortoiliac occlusive disease</td>
<td>M. Serna</td>
</tr>
<tr>
<td>15:55</td>
<td>Usefulness of endovascular VIABAHN VBX balloon-expandable stent-graft placement for symptomatic coral reef aorta – 2 cases report</td>
<td>K. Takayama</td>
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<tr>
<td>16:00</td>
<td>Discussion and conclusion</td>
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12:30 – 13:30  **Selected abstracts original research – embolization/miscellaneous**  
*Moderators: J. Balzer, G. Adams*

12:30 – 12:35  Transhepatic embolization of gastroesophageal varicose veins in patients with acute bleeding  
*O. Oganesyan*

12:35 – 12:40  Embolization of the inferior epigastric artery bleeding is becoming an increasingly common procedure  
*C. Pantoja Peralta*

12:40 – 12:45  Comparison of clinically used embolic agents with GPX in domestic swine  
*G. Adams*

12:45 – 12:50  Endovascular treatment options for acute gastrointestinal bleeding  
*E. Alejandre Lafont*

12:50 – 12:55  Tumor recurrence after treatment of Hepatocellular Carcinoma (HCC): Ablation alone vs. ablation with chemoembolization  
*M. Manevese*

12:55 – 13:00  A novel device for embolization in the arterial peripheral vasculature & first in human update  
*A. Holden*

13:00 – 13:05  Comparative evaluation of the Barbeau test for radial access in defined age segments  
*A. Moraes*

13:05 – 13:30  Discussion and conclusion
### Selected abstracts original research – carotid/EVAR

**Moderators:** F. Moll, M. Storck

#### 13:30 – 15:00

<table>
<thead>
<tr>
<th>Time</th>
<th>Abstract</th>
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| 13:30 | A diffusion weighted magnetic resonance imaging-based study of carotid endarterectomy vs. transcervical carotid artery revascularisation with double mesh stent  
M. P. Lamarca Mendoza |
| 13:35 | First application of Hyperspectral Imaging during carotid endarterectomy in patients with high-grade carotid artery stenosis  
R. Sucher |
| 13:40 | Endovascular approaching to carotid estenose 150 sequential cases  
G. Meirelles |
| 13:45 | PrOspective multiCentrE study of cArotid artery steNting Using MER stent—
the OCEANUS study—30 days and two years follow-up  
P. Odrowaz-Pieniazek |
| 13:50 | Neurological complication rates of intravenous thrombolysis combined with early carotid endarterectomy for treatment of hyperacute ischaemic stroke  
E. Swiecka |
| 13:55 | Safety and efficacy of hybrid procedures in high risk patients  
M. Chernyavskiy |
| 14:00 | The impact of bridging stent and side-branch graft remodelling after branched endovascular aortic repair  
S. Fazzini |
| 14:05 | Abdominal aortic aneurysm size regression after EVAR in different devices  
S. S. Lee |
| 14:10 | Ankura AAA study process and the safety and effectiveness of the Ankura  
M. Ilzecki |
| 14:15 | Endovascular treatment of adult patients with coarctation of the aorta with covered CP stent  
S. Móbius-Winkler |
| 14:20 | Early bi- and three-dimensional aneurysm sac variation in predicting long-term EVAR results  
N. Montelione |
| 14:25 | Different techniques to the treatment of complex aortic arch aneurysms—single center experience  
P. Szopiński |
| 14:30 | Treatment of penetrating ulcer of the aortic arch: A multimodality approach  
T. Segev |
| 14:35 | The 50/60 rule: a new CTA-based algorithm to optimize sizing and planning for abdominal chimney endovascular procedures  
S. Fazzini |
| 14:40 | The impact of flushing the aortic stentgraft with high-volume heparinized saline to minimize air emboli on stroke rates after thoracic endovascular aortic repair  
T. Lautenschläger |
| 14:45 | Discussion and conclusion |

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<table>
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<tr>
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<tbody>
<tr>
<td>15:00 – 15:05</td>
<td>Distal radial 2 peripheral complex interventions  V. Krishna</td>
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<tr>
<td>15:10 – 15:15</td>
<td>Monitoring results of angiographic and intravascular imaging devices from aneurysmal degeneration to femoropopliteal artery occlusion following PB-PES implantation  T. Nakama</td>
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<tr>
<td>15:15 – 15:20</td>
<td>Intravascular Lithotripsy for complex calcified iliofemoral disease  W. Dixon</td>
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<td>15:20 – 15:25</td>
<td>SFA dissection occurred in intravascular ultrasound guided rotational atherectomy, rescued by bail-out stenting  H.-P. Wu</td>
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<td>15:30 – 15:35</td>
<td>A case report: Limb salvage after shark attack  A. Khalil</td>
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<td>15:35 – 15:40</td>
<td>Successful endovascular retrieval of a broken guidewire located in the popliteal vein as a complication of an arterial retrograde puncture  L. Ortiz de Salazar</td>
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<td>15:40 – 15:45</td>
<td>Combination of Supera/DCB in femoro-poplital occlusive disease.</td>
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<td>15:45 – 15:50</td>
<td>Lower extremity pseudoaneurysms  N. Algharem</td>
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<tr>
<td>15:50 – 15:55</td>
<td>Unexpected vascular response during angioplasty in young female with lupus peripheral artery disease  V. Damay</td>
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<td>15:55 – 16:00</td>
<td>Endovascular treatment of an anastomotic pseudoaneurysm of the femoro-crural bypass  M. Dogan</td>
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<tr>
<td>16:00 – 16:05</td>
<td>Infected Viabahn stent graft in the superficial femoral artery  M. Doß</td>
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<td>16:05 – 16:10</td>
<td>Double snare-piercing technique for long occlusive calcified lesion  K. Tobita</td>
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<td>16:10 – 16:15</td>
<td>The CLTI case of below the ankle lesion in which recanalisation was achieved with US guide  T. Tokuda</td>
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<tr>
<td>16:15 – 16:30</td>
<td>Discussion and conclusion</td>
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Optimizing the treatment of BTK vessels in critical limb ischemia

Moderators: D. Scheinert, P. Schneider
Panel: D.-D. Do, F. Liistro, M. Menard, L. Palena, J. Mustapha, S. Kum

08:00 – 09:30

08:00 – 08:05 First time data release:
Latest 24-month BTK global real-world registry Lutonix DCB outcomes
D. Scheinert

08:05 – 08:10 First time data release:
Update on BTK IDE Lutonix DCB – complex patient subset
P. Geraghty

08:10 – 08:15 First time data release:
Stellarex in the real-world: interim look at the BTK cohort
K. Stavroulakis

08:15 – 08:20 First time data release:
12-month results from the randomized AcoArt BTK study
W. Guo

08:20 – 08:25 First time data release:
Initial experience with the temporary drug-coated Spur system to enhance drug delivery to the vessel wall
A. Holden

08:25 – 08:30 First time data release:
Small artery disease (SAD) and media artery calcification (MAC) are changing the fate of CLI patients
R. Ferraresi

08:30 – 08:35 First time data release:
LimFlow pDVA for no-option CLTI: The ALPS registry data at 2 years
A. Schmidt

08:35 – 08:55 Live case transmission from Leipzig

08:55 – 09:00 Optimizing below-the-knee angioplasty: Dissections matter
A. Holden

09:00 – 09:05 Repairing BTK dissection: Results from the TOBA II BTK pivotal study
G. Adams

09:05 – 09:10 Intra-procedural extra-vascular ultrasound prevents early and late failures in BTK
F. Liistro

09:10 – 09:15 High pressure non compliant POBA in real-world CLI – 12-month results from the JADE registry in Singapore
S. Kum

09:15 – 09:20 The advantages of using perfusion angiography during CLI procedures
D. van den Heuvel

09:20 – 09:25 Tissue perfusion assessment drives and predicts clinical success in severe CLI: Experience from a 330 patient study
E. Gomez Jabalera

09:25 – 09:30 Discussion and conclusion

09:30 – 11:00 Symposium: Drug eluting technologies for PAD: From fundamentals to future
supported with an educational grant from Boston Scientific

Moderators: D. Scheinert, T. Zeller
Panel: R. Sachar, M. Brodmann, A. Holden, G. Torsello

09:30 – 09:32 Introduction
T. Zeller

09:32 – 09:42 Fundamentals of drug coated balloons
R. Sachar

09:42 – 09:52 Lessons from Ranger SFA II RCT (Ranger DCB vs. PTA)
M. Brodmann

09:52 – 10:02 Lessons from COMPARE RCT (Ranger DCB vs. IN.PACT DCB)
D. Scheinert

10:02 – 10:27 Live case transmission from Leipzig

10:27 – 10:37 Fundamentals of drug eluting stents
A. Holden

10:37 – 10:47 Lessons from IMPERIAL RCT (Eluvia DES vs. Zilver PTX)
T. Zeller

10:47 – 10:57 Future trials with drug eluting technologies
G. Torsello

10:57 – 11:00 Close and key take aways
D. Scheinert
Symposium: Approaches for fem-pop complex disease: What is the best option? Experts share treatment decisions and their cases supported with an educational grant from Gore & Associates
Moderator: P. Soukas

11:00 – 11:10 The physician algorithm for treatment of fem-pop occlusive disease
J. A. del Castro

11:10 – 11:25 Live case transmission from Paris

11:25 – 11:35 Treatment choice in complex SFA lesions
Y. Gouëffic via satellite from Paris

11:35 – 11:45 Endovascular first: When this is the appropriate choice?
M. Rejinen

11:45 – 11:55 Gore® VIABAHN® endoprosthesis in complex SFA lesions
M. Steinbauer

11:55 – 12:05 Value of covered stents in fem-pop disease
J. Fernández Noya

12:05 – 12:20 Recorded case presentation
J. Fernández Noya

12:20 – 12:30 Discussion and conclusion
P. Soukas

Lunch symposium: The latest in clinically proven technologies to treat complex PAD and venous diseases sponsored by BD
Moderator: E. Ducasse
Panel: M. Montero-Baker, P. Geraghty

12:35 – 12:41 How low pressure inflation with scoring technologies better preserves the vessel and increases revascularisation success
R. Langhoff

12:41 – 12:47 The UltraScore™ Scoring Balloon: Update of a multi-center registry
M. Montero-Baker

12:47 – 12:53 Update on the Lutonix® Drug Coated Balloon IDE trial with below-the-knee disease
P. Geraghty

12:53 – 12:59 First time data release:
The IDE below-the-knee Japan cohort
D. Kawasaki

12:59 – 13:05 What we know about the paclitaxel-related mortality in femoro-popliteal arteries, and how it impacts my practice
E. Ducasse

13:05 – 13:11 Lutonix® Drug Coated Balloon clinical program overview and published independent safety analysis results
M. Brodmann

13:11 – 13:19 Panel discussion

13:19 – 13:25 VENOVO® Arnsberg registry 24-month results
M. Lichtenberg
### ROOM 1 – MAIN ARENA 1

**Symposium: Redefining treatment strategy with new generation Sirolimus coated balloon for peripheral vascular disease with nanolute technology supported with an educational grant from Concept Medical**

*Moderator: S. Parikh*

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<th>Time</th>
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<tbody>
<tr>
<td>13:30 – 15:00</td>
<td>Symposium: Redefining treatment strategy with new generation Sirolimus coated balloon for peripheral vascular disease with nanolute technology supported with an educational grant from Concept Medical</td>
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| 13:30 – 13:36 | The role of Sirolimus coated balloon in peripheral vascular disease  
*S. Parikh*     |
*A. Finn*     |
*E. Choke*     |
| 13:51 – 14:11 | Live case transmission from Leipzig                                                                 |
| 14:11 – 14:16 | Discussion on case                                                                                |
| 14:16 – 14:36 | Live case transmission from Jena                                                                  |
| 14:36 – 14:41 | Discussion on case                                                                                |
| 14:41 – 14:48 | Outcomes of Sirolimus coated angioplasty balloon in the treatment of dysfunctional AVF and AVG  
*C. S. Tan*     |
| 14:48 – 14:53 | SIRONA – head to head comparison of Sirolimus vs. Paclitaxel drug eluting balloon for femoral popliteal artery  
*D. Scheinert* |
| 14:53 – 15:00 | Discussion and conclusion                                                                          |

**VIVA@LINC: Atherectomy as adjunctive or definitive therapy: What’s the data and what are the techniques?**

*Moderators: J. Rundback, P. Schneider*

*Panel: D. Branzan, S. Kum, T. Bisdas, L. Garcia*

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<tr>
<th>Time</th>
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<tr>
<td>15:00 – 15:05</td>
<td>Announcement of the winners of the Vascular Career Award 2020 – Steven Kum and Parag Patel</td>
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<tr>
<td>15:05 – 15:30</td>
<td>Live case transmission from Kingsport</td>
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</table>
| 15:30 – 15:38 | Indications and lesion selection for femoral-popliteal atherectomy  
*J. Rundback*     |
| 15:38 – 15:46 | Tools, techniques, and tips for safe and successful atherectomy below-the-knee  
*D. Branzan*     |
| 15:46 – 15:54 | Atherectomy and anti-restenotic therapy: What do we know so far and what are the likely next developments?  
*S. Kum*     |
| 15:54 – 16:02 | Complications of atherectomy and how to manage them  
*T. Bisdas*     |
<p>| 16:02 – 16:27 | Live case transmission from Kingsport                                                               |
| 16:27 – 16:30 | Discussion and conclusion                                                                          |</p>
<table>
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<tr>
<th>Time</th>
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| 16:30 – 18:00 | Advanced techniques for complex femoropopliteal lesions  
**Moderators:** T. Zeller, G. Adams  
**Panel:** K. Urasawa, B. DeRubertis, P. Soukas, T. Fuß, M. Werner, L. Garcia  
**When, where, and how: An update on the support catheters** J. van den Berg  
**Step-by-step approach in CTOs and the need for retrograde approaches** R. Ferraresi  
**Live case transmission from Leipzig** |
| 16:30 – 16:35 | When, where, and how: An update on the support catheters J. van den Berg |
| 16:35 – 16:41 | Step-by-step approach in CTOs and the need for retrograde approaches R. Ferraresi  
**Live case transmission from Leipzig** |
| 16:41 – 17:01 | First time data release:  
**Advancing laser therapy: Different setting for different lesions** G. Adams  
**Benefit of lesion preparation with a rotational atherectomy device — mid-term outcomes** G. Korosoglou  
**The future of scoring PTA & update of a multi-center registry ATK/BTK** M. Montero-Baker |
| 17:01 – 17:06 | First time data release:  
**First time data release:** IN.PACT global study 150mm cohort: Outcomes through 3 years M. Brodmann  
**First time data release:** Drug-coated-balloon outcomes in the femoropopliteal by vessel size Y. Soga  
**Live case transmission from Kingsport** |
| 17:16 – 17:21 | First time data release:  
**First time data release:** IN.PACT global study 150mm cohort: Outcomes through 3 years M. Brodmann |
| 17:21 – 17:26 | **First time data release:** Drug-coated-balloon outcomes in the femoropopliteal by vessel size Y. Soga  
**Live case transmission from Kingsport** |
| 17:46 – 17:51 | Discussion and conclusion |

**Wednesday, 29 January 2020 (cont.)**
08:00 – 09:00 | **Endovascular repair of iliac artery aneurysms – current techniques and results**  
*Moderators: F. Vermassen, A. Lobato*  
*Panel: S. Botsios, S. Seifert, R. Ghotbi*

08:00 – 08:06 | Unilateral and bilateral primary and secondary iliac aneurysms – endovascular treatment first!  
* M. Storck*

08:06 – 08:26 | **Live case transmission from Münster**

08:26 – 08:32 | Comparison and results of endovascular repair techniques in elective bilateral aortoiliac aneurysms  
* A. Lobato*

08:32 – 08:38 | Iliac branching and long-term value: How effective is preservation in a single center experience  
* R. Ghotbi*

08:38 – 08:44 | Long-term experience and lessons learned with the COOK IBD  
* G. Torsello*

08:44 – 08:52 | E-liac or Zenith® iliac side branch? A comparison from one center of 50 patients each  
* J. Brunkwall*

08:52 – 09:00 | Discussion and conclusion

09:00 – 09:45 | **Innovations for daily practice: Advanced settings for hybrid ORs and new imaging modalities**  
*Moderators: M. van Sambeek, F. Moll*  
*Panel: T. Kölbel, R. Varcoe, E. Ducasse, A. Gangl*

09:00 – 09:06 | Fiber Optic Real Shape (FORS) technology – 3D device guidance in practice  
* T. Kölbel*

09:06 – 09:12 | How to use MRI imaging for planning and fusion of a complex F/BEVAR procedure  
* Michel Bosiers*

09:12 – 09:18 | Workflow & ergonomics improvements in the hybrid OR  
* R. Varcoe*

09:18 – 09:24 | CO² angiography for EVAR treatment. Tips and tricks  
* E. Ducasse*

09:24 – 09:30 | Initial experience with the TrackCath system in endovascular repair of aortic aneurysms  
* D. Branzan*

09:30 – 09:36 | Mechanical characterisation of abdominal aortic aneurysm, using 4D ultrasound  
* M. van Sambeek*

09:36 – 09:42 | The EndoStore APP: Efficient & reliable logistics at your fingertips  
* M. Wikkeling*

09:42 – 09:45 | Discussion and conclusion

09:45 – 11:00 | **Current status of EVAR for infrarenal aortic aneurysms:**  
*Latest guidelines and new data*  
*Moderators: V. Riambau, R. Greenhalgh*  
*Panel: G. Faggioni, S. Botsios, G. Melissano, H. Verhagen, M. Malina*

09:45 – 09:51 | Impact of centralization on abdominal aortic aneurysm repair outcomes: Early experience in public health system  
* V. Riambau*

09:51 – 09:57 | The choice of EVAR vs. OSR: Extreme local variation suggests the impact of political rather than medical factors!  
* M. Malina*

09:57 – 10:03 | Gender differences in EVAR/FEVAR/BEVAR  
* E. Verhoeven*

10:03 – 10:23 | **Recorded case presentation: EVAR with Altura stentgraft**  
* D. Branzan*

10:23 – 10:29 | Proven durability and staying inside the IFU for challenging aortic necks  
* G. Faggioni*

10:29 – 10:35 | ENCORE study update: Durability through Polymer sealing using the Ovation AAA stent graft system  
* H. Verhagen*

10:35 – 10:41 | Long-term performance of endovascular repair of abdominal aortic aneurysms with the TREO graft  
* J. Teßarek*

10:41 – 10:47 | Clinical experience with Lifetech scientific abdominal stent graft  
* G. Sfyroeras*

10:47 – 10:53 | Making EVAR safer in the long-term: Using ultrasound to measure aortic sac diameter annually at home  
* R. Greenhalgh*

10:53 – 10:59 | The NICE guidelines: Nice or not so nice?  
* A. Holden*

10:59 – 11:00 | Discussion and conclusion
COOK off the shelf solutions for thoracic and thoracoabdominal aneurysm — updates and live case
supported with an educational grant from COOK Medical
Moderator: T. Kölbel
Panel: N. Tsilimparis, G. Melissano, Michel Bosiers

11:00 – 11:05   Introduction
T. Kölbel

11:05 – 11:13   Zenith® Alpha TAA: The importance of precision, optimal sealing, and active fixation when treating thoracic aneurysm
N. Tsilimparis

11:13 – 11:21   Long-term outcomes using Alpha Thoracic: How to achieve durability
G. Melissano

11:21 – 11:46
Live case transmission from Münster

11:46 – 11:54   Early outcomes from Post Market Observational study on Zenith® t-Branch® endograft
Michel Bosiers

11:54 – 12:30  Discussion and conclusion

12:35 – 13:25   Lunch symposium: The importance of proven balloon expandable covered stents in the current endovascular era
supported with an educational grant from Getinge
Moderator: J.-P de Vries
Panel: P. Mwipatayi, B. Fioole, S. Carpenter

12:35 – 12:50   When are covered stents the best treatment for aorto-iliac occlusive disease: Which is the best stent-graft for this: What are the long-term results?
P. Mwipatayi

12:50 – 13:05   Relevance and current update of the DISCOVER Dutch iliac stent trial
B. Fioole

13:05 – 13:20
Case presentations: Using proven covered stents to treat complex aorto-iliac occlusive disease
S. Carpenter

13:20 – 13:25  Discussion and conclusion
13:30 – 15:00

**Challenges in endovascular aortic repair: Treatment of juxtarenal aneurysms**

*Moderators: G. Torsello, E. Verhoeven*

*Panel: K. Donas, R. Kolvenbach, M. Reijnen, M. Steinbauer, R. Varcoe*

13:30 – 13:36

Preliminary data from the EAGLE registry  
*M. van Sambeek*

13:36 – 13:42

Contemporary options for treating juxtarenal aneurysm when infrarenal sealing is not enough  
*V. Riambau*

13:42 – 13:48

Mid-term results from ANCHOR and how these clinical insights affect my clinical practice  
*J.-P. de Vries*

13:48 – 13:54

Why 3xFEVAR has replaced 2xFEVAR and FEVAR better than CHEVAR  
*E. Verhoeven*

13:54 – 14:04

**Recorded case presentation: EVAR with Ovation stentgraft and Cydar intelligent navigation system**  
*D. Branzan*

14:04 – 14:10

Useful combinations of aortic endoprosthetic material of different companies in complex situations  
*S. Nikol*

14:10 – 14:16

Is ChEVAS the answer to complex AAA treatment? The future of Nellix in 2020  
*M. Reijnen*

14:16 – 14:36

**Live case transmission from Paris**

14:36 – 14:42

Lessons learned 5 years after the PERICLES registry publication: A position statement about the current role of chimney endografting  
*G. Torsello*

14:42 – 14:48

Long-term results of chimney graft branches in juxtarenal aneurysms  
*R. Kolvenbach*

14:48 – 14:54

Freedom to fenestrate: How the Anaconda platform has impacted my practice  
*P. Bungay*

14:54 – 15:00

Cost effectiveness analysis of FEVAR vs. CHEVAR in juxtarenal aortic aneurysms: A new insight in the old debate  
*K. Donas*

15:00 – 16:30

**CX@LINC: Towards aortic advances**

*Moderator: R. Greenhalgh*

*Panel: T. Kölbel, F. Moll*

15:00 – 15:10

Effects of long thoracic stent grafts on the pathophysiology of the heart  
*F. Moll*

15:10 – 15:20

Audience participation

15:20 – 15:30

Access-techniques to simplify fenestrated and branched EVAR: Upper extremity access is not needed any longer  
*T. Kölbel*

**CX edited live case: Full transfemoral branched EVAR for thoracoabdominal aortic aneurysms**

15:30 – 15:40

**Recorded case presentation**  
*N. Tsilimparis*

15:40 – 15:50

Audience participation

15:50 – 16:00

Modern imaging systems will revolutionize EVAR techniques  
*J. van Herwaarden*

16:00 – 16:10

Audience participation

**CX edited live case: Fenestrated arch repair in chronic Type B aortic dissection**

16:10 – 16:20

**Recorded case presentation**  
*T. Kölbel*

16:20 – 16:30

Audience participation
**ROOM 2 – MAIN ARENA 2**

**Wednesday, 29 January 2020 (cont.)**

Re-do procedures after EVAR and management of endoleaks  
*Moderators: G. Torsello, E. Ducasse*  
*Panel: G. F. Torsello, J.-P. de Vries, Michel Bosiers, M. Reijnen*

- **16:30 – 16:36**  
  Endoleak follow-up and true sac evolution  
  *E. Ducasse*

- **16:36 – 16:42**  
  Direct percutaneous sac puncture: An easy way to solve post-EVAR Type II endoleaks  
  *F. Fanelli*

- **16:42 – 16:48**  
  Direct puncture technique using Onyx 34L for endoleak management  
  *M. Treitl*

- **16:48 – 16:54**  
  Intentional aorto-caval fistula: An unexploited opportunity to treat Type II endoleaks and prevent paraplegia?  
  *M. Malina*

- **16:54 – 17:00**  
  Role of IMA in Type II endoleak after endovascular treatment  
  *P. Kasprzak*

- **17:00 – 17:06**  
  Value of preliminary selective lumbar and inferior mesenteric artery embolization to prevent Type II endoleaks after EVAR  
  *A. Schmidt*

- **17:06 – 17:26**  
  Live case transmission from Münster

- **17:26 – 17:32**  
  Occlusions in EVAR: What is the impact on early outcomes, quality of life, and cost efficiency?  
  *A. Zanabili*

- **17:32 – 17:38**  
  Determination of endograft apposition at the 30-days post-EVAR CT scan can predict later failure  
  *J.-P. de Vries*

- **17:38 – 17:44**  
  Rare complication of standard EVAR treated with rare device  
  *A. Al-Sibaie*

- **17:44 – 17:50**  
  Endorepair of migrated endografts using the Altura endograft system: When and how to do it  
  *J. Teßarek*

- **17:50 – 17:56**  
  Trouble shooting and bail-out in FEVAR and BEVAR  
  *E. Verhoeven*

- **17:56 – 18:00**  
  Discussion and conclusion
<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:00</td>
<td><strong>Focus session: Embolisation therapies liver and interventional oncology (part I)</strong></td>
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<tr>
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<td><em>Moderators:</em> U. Teichgräber, T. J. Vogl</td>
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<td><em>Panel:</em> M. Pech, A. Lunardi, T. O. Petersen, B. Gebauer, R. Lookstein</td>
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<tr>
<td>08:00</td>
<td>Beyond permanent particles: Rationale to use biodegradable particles for HCC</td>
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<td><em>B. Radeleff</em></td>
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<td>08:08</td>
<td>Live case transmission from Frankfurt</td>
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<td>08:33</td>
<td>Pre-operative portal vein embolisation: Indications and patient selection</td>
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<td><em>A. Hocquelet</em></td>
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<tr>
<td>08:49</td>
<td>Live case transmission from Jena</td>
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<tr>
<td>09:14</td>
<td>Pain management with periportal plexus block for thermal ablation of the liver</td>
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<td><em>M. Pech</em></td>
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<td>09:22</td>
<td>Percutaneous infrahepatic split by microwave ablation</td>
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<td><em>A. Lunardi</em></td>
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<td>09:30</td>
<td><strong>Focus session: AVM</strong></td>
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<td></td>
<td><em>Moderators:</em> U. Teichgräber, W. Wohlgemuth</td>
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<tr>
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<td><em>Panel:</em> B. Gebauer, R. Müller-Wille, M. de Bucourt</td>
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<tr>
<td>09:30</td>
<td>Classification of vascular anomalies — recent update of the ISSVA classification</td>
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<td><em>W. Wohlgemuth</em></td>
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<td>09:38</td>
<td>Recorded case presentation</td>
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<tr>
<td>09:59</td>
<td>Clinical and imaging diagnosis of vascular anomalies</td>
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<td><em>A. Malouhi</em></td>
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<td>10:07</td>
<td>Interventional therapy options — what and when</td>
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<td><em>R. Müller-Wille</em></td>
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<td>10:15</td>
<td>Embolisation and erectile dysfunction</td>
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<td><em>R. Aschenbach via satellite from Jena</em></td>
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<td>10:23</td>
<td>Live case transmission from Frankfurt</td>
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<td>10:44</td>
<td>Specifics of invasive therapy in a pediatric age group</td>
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<td><em>S. von der Heydt</em></td>
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<td>10:52</td>
<td>Free evidence-based knowledge in the internet</td>
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<td><em>W. Wohlgemuth</em></td>
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<tr>
<td>11:00</td>
<td><strong>Focus session: Embolisation therapies liver and interventional oncology (part II)</strong></td>
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<td><em>Moderators:</em> T. J. Vogl, M. Pech</td>
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<td><em>Panel:</em> P. Huppert, M. Moche, A. Malouhi, S. Müller-Hülsbeck</td>
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<td>11:00</td>
<td>Balloon TACE: How to do it — clinical evidence</td>
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<td><em>M. Jonczyk</em></td>
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<td>11:08</td>
<td>Live case transmission from Jena</td>
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<td>11:33</td>
<td>Update on the evidence of TACE</td>
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<td><em>P. Huppert</em></td>
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<td>11:49</td>
<td>Non-thermal ablation of the liver — Brachytherapy</td>
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<td><em>M. Pech</em></td>
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<td>12:14</td>
<td>Live case transmission from Frankfurt</td>
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<td>12:22</td>
<td>Hepatic infusion techniques in interventional oncology</td>
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<td><em>T. J. Vogl</em></td>
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<td>12:35</td>
<td>The role of Angio-CT in interventional oncology</td>
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<td><em>M. Moche</em></td>
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<td>12:35</td>
<td><strong>Lunch symposium: Keep calm and NiTiDES: The first effective SFA Sirolimus eluting stent</strong></td>
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<td>supported with an educational grant from Alvimedica</td>
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<td><em>Moderators:</em> D. Scheinert, R. Langhoff</td>
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<td>12:35</td>
<td>Introduction and session objectives</td>
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<td><em>D. Scheinert</em></td>
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<tr>
<td>12:38</td>
<td>Why, when, and where: The DES role in SFA treatment</td>
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<td><em>S. Müller-Hülsbeck</em></td>
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<td>12:46</td>
<td>Drugs on the stage: What we know and what we should know</td>
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<td><em>K. Katsanos</em></td>
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<td>12:54</td>
<td>NiTiDES: The innovative approach for SFA lesions</td>
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<td><em>A. Kahlberg</em></td>
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<td>13:02</td>
<td>ILLUMINA study: 2-year results</td>
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<td><em>D. Scheinert</em></td>
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<td>13:10</td>
<td>Discussion</td>
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<td>13:20</td>
<td>From theory to practice</td>
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<td><em>R. Langhoff</em></td>
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13:30 – 15:00  VIVA@LINC: Carotid revascularisation in 2020

- with Chris Metzger live from Kingsport
- with Andrej Schmidt live from Leipzig

Moderators: S. Lyden, P. Schneider
Panel: W. Gray, M. Werner, S. Steiner, R. Sachar

Flash presentations:
- Clinical trials in carotid disease: What is the state-of-the-art post-CREST? R. Sachar
- Latest data on TCAR  P. Schneider
- Timing of carotid bifurcation repair after symptoms: How does it affect stroke risk?  W. Gray
- Managing restenosis after CAS or CEA  S. Lyden

15:00 – 16:30  Focus session: Embolisation therapies – interventional radiology (part III)

Moderators: U. Teichgräber, T. J. Vogl
Panel: T. Franiel, B. Radeleff, J. Balzer, K. Katsanos, M. Treitl

15:00 – 15:07  PAE: Patient selection and indication  E. Alejandre Lafont
15:07 – 15:27  Live case transmission from Jena
15:27 – 15:34  Cryotherapy  T. J. Vogl
15:34 – 15:41  Bariatric embolization: Technique and clinical data  C. R. Weiss video presentation
15:48 – 16:09  Live case transmission from Frankfurt
16:09 – 16:16  Longterm results PAE  T. Franiel via satellite from Jena
16:16 – 16:23  Hepatic venous outflow obstruction: Recanalisation techniques  T. O. Petersen
16:23 – 16:30  Remote proctoring for advanced embolization techniques  M. de Bucourt

16:30 – 18:00  Miscellaneous topics: Renal, visceral interventions, and beyond

Moderators: P. Huppert, R. Beasley
Panel: D. Thomas, R. Lookstein, S. Basche, S. Müller-Hülsbeck

16:30 – 16:36  Current methods of interventional hemorrhage management  G. F. Torsello
16:36 – 16:42  The use of liquid embolics for hemorrhage management  J. Urbano
16:42 – 16:48  Treatment of visceral aneurysms with detachable coils  R. Lookstein
16:48 – 16:54  Left gastric artery embolization for the treatment of obesity  R. Beasley
16:54 – 17:14  Live case transmission from Jena
17:14 – 17:20  Portal vein recanalisation: Indications, techniques, and clinical results  P. Huppert
17:20 – 17:26  The impact of controlled expansion TIPS: 1-year clinical results and real life experience  D. Thomas
17:26 – 17:32  A treatment algorithm for acute mesenteric ischemia  O. Bakker
17:32 – 17:38  Patency after stenting of the superior mesenteric artery  M. Matschuck
17:38 – 17:44  Is bilateral hypogastric artery occlusion safe?  A. Lobato
17:44 – 18:00  Live case transmission from Leipzig
ROOM 4 – DISCUSSION FORUM

09:30 – 10:45 JET@LINC

Moderators: G. Biamino, H. Yokoi
Discussants: N. Fujimura, M. Fujihara, S. Ichihashi, D. Kawasaki, O. Iida

How far should we go with aortic intervention for super senile patient?
Nonagenarians have good early results, comparable to octogenarians, after elective EVAR from Japanese multicenter registry  N. Fujimura
What is the optimal vessel preparation? The result from IGNITE study of lower limbs intervention  M. Fujihara
What can we do for heavy calcified lesions?  S. Ichihashi
What have we learned from endovascular treatment in the critical limb ischemia field?  D. Kawasaki
Impact of Paclitaxel usage on mortality after DCB treatment in patients with PAD, learn from Lutonix JPN and IN.PACT JPN study  O. Iida

11:00 – 12:00 VIVA@LINC: Strategies on the frontline:
Illustrative cases with step-by-step approach – great vessels, innominate, common carotid, subclavian, and vertebral challenges
Moderator: R. Kolluri
Discussants: P. Schneider, S. Lyden, J. Rundback, R. Lookstein

How to manage tandem lesions that include the carotid bifurcation and an inflow common carotid or innominate lesion?  P. Schneider
Hybrid procedures and debranching of the arch: When to do it and how  S. Lyden
Subclavian revascularisation: How to handle the occluded subclavian  J. Rundback
Managing the dangerous or difficult aortic arch  R. Lookstein

12:35 – 13:20 Lunch symposium: Real world clinical results after treatment with non-crystalline coated balloons
supported with an educational grant from Cardionovum
Moderators: A. Micari, K. Deloose
Discussants: M. Lichtenberg, A. Chouiter

Introduction and learning objectives
12:35 – 12:40

How to limit Wash-Off Effects with Paclitaxel DCBs? The SAFEPAX® story  A. Micari
12:40 – 12:48

APERTO® efficacy in (re-)stenosis in central veins – initial cases  M. Lichtenberg
12:48 – 12:56

High risk of restenosis patients’ treatment: Update on the REFLOW trial  K. Deloose
12:56 – 13:04

Safety of Paclitaxel coated devices used in dialysis access: The APERTO® trial results  A. Chouiter
13:04 – 13:12

Closing remarks
13:12 – 13:20
14:00 – 15:00   SITE@LINC: Aortic disaster cases: What can we learn from the expert’s nightmares?
Moderators: V. Riambau, N. Mosquera
Discussants: J.-P. de Vries, M. Gargiulo, F. Vermassen, T. Kölbel
Objective: To share bad and unexpected experiences and how to deal with them
Big names can also be in trouble
• Case presentations and interactive discussion

15:00 – 16:30   CICE@LINC: Technical review, versatility, and clinical practice review of the new Brazilian peripheral endograft
Moderator: A. Lobato
Discussants: M. Bosiers, B. Freitas, E. San Norberto-Garcìa, N. Mosquera
15:00 – 15:12  The new Solaris endograft: Main characteristics and clinical programme
M. Bosiers
15:13 – 15:25  The Brazilian self-expandable peripheral endograft: Initial European experience
E. San Norberto-Garcìa
15:26 – 15:38  Solaris endograft: Clinical practice review
B. Freitas
15:39 – 15:51  Initial experience in complex cases with Solaris self expandable cover stent
N. Mosquera
15:52 – 16:04  Complex thoracoabdominal aortic aneurysms
A. Lobato
16:05 – 16:30  Discussion and conclusion
Deep dive session: Lower limb interventions (part I)

Moderators: T. Zeller, O. Iida
Panel: S. Bartus

08:00 – 08:20
Live case transmission from Leipzig

Focus on new data
08:20 – 08:25
Propensity-matched analysis in claudicants treated with a drug-coated balloon vs. PTA: 5-year mortality outcomes from a real-world study  G. Torsello
08:25 – 08:30
Durability, safety, and efficacy of a drug-coated balloon for the treatment of peripheral arterial disease in the SFA  O. Iida
08:30 – 08:35
IN.PACT global study 4-year outcomes  T. Zeller
08:35 – 08:40
Results of the Illumenate EU-Global 3-year results  T. Zeller
08:40 – 08:45
12-month full cohort analysis from the KANSHAS 1 study of the novel KANSHAS drug-coated balloon for treatment of femoropopliteal occlusive disease  M. Lichtenberg
08:45 – 08:50
Prestige pilot: Phoenix atherectomy and Stellarex DCB clinical investigation in infrapopliteal interventions  M. Lichtenberg

Focus on crossing and vessel prep
08:50 – 08:55
Trans-radial artery access for lower limb interventions: Will dedicated new tools making this approach the future standard of care?  R. Varcoe
08:55 – 09:00
Retrograde crossing of peripheral occlusions: Long-term results and outcome predictors  S. Bartus
09:00 – 09:05
AMBUVASC: A RCT comparing conventional vs. ambulatory of endovascular procedures of lower extremity peripheral artery disease  Y. Gouëffic via satellite from Paris
09:05 – 09:10
Dissections: Do they matter and how can they be managed?  T. Zeller
09:10 – 09:15
The versatility of directional atherectomy to address challenges of multi-level disease in CLI  K. Stavroulakis
09:15 – 09:20
Combination therapy to optimize your outcomes when treating SFA disease: Valuable tools to get the job done  A. Rastan
09:20 – 09:30
Discussion and conclusion

Controversies and best practices for successful iliofemoral venous stenting outcomes
supported with an educational grant from COOK Medical

Moderator: R. de Graaf
Panel: M. Lichtenberg, S. Black, M. Ramírez Ortega
09:30 – 09:35
Introduction  R. de Graaf
09:35 – 09:45
Stent shape is most important in achieving successful clinical outcomes  M. Lichtenberg
09:45 – 09:55
Stent conformability is most important in achieving successful clinical outcomes  S. Black
09:55 – 10:05
Maximizing clinical outcomes through optimizing post procedural care  R. de Graaf
10:05 – 10:15
Clinical outcomes of the Zilver Vena™ stent in a private practice setting  M. Ramírez Ortega
10:15 – 10:30
Discussion and conclusion
## ROOM 5 – GLOBAL EXPERT EXCHANGE FORUM

**Wednesday, 29 January 2020 (cont.)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td><strong>10:30 – 11:30</strong></td>
<td>Deep dive session: Lower limb interventions (part II)</td>
</tr>
<tr>
<td></td>
<td><em>Moderators: G. Adams, E. Blessing</em></td>
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<tr>
<td></td>
<td><em>Panel: M. Montero-Baker, M. Bosiers, S. Kum</em></td>
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<tr>
<td><strong>10:30 – 10:55</strong></td>
<td>Live case transmission from Leipzig</td>
</tr>
<tr>
<td><strong>10:55 – 11:00</strong></td>
<td>Focus on CLI/BTK</td>
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<tr>
<td></td>
<td>First-in-man experience with the MotiV Bioresorbable scaffold in below-the-knee arteries <em>Michel Bosiers</em></td>
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<tr>
<td><strong>11:00 – 11:05</strong></td>
<td>Treating CLI patients with drug-coated balloons: 12-month outcomes from a real-world study <em>J. Cuenca</em></td>
</tr>
<tr>
<td><strong>11:05 – 11:10</strong></td>
<td>Patterns of calcification in BTK arteries <em>J. Mustapha</em></td>
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<tr>
<td><strong>11:10 – 11:15</strong></td>
<td>Use of directional atherectomy where stenting is not an option <em>G. Torsello</em></td>
</tr>
<tr>
<td><strong>11:15 – 11:20</strong></td>
<td>Hybrid atherectomy: 1-year results from a real-world study <em>M. Montero-Baker</em></td>
</tr>
<tr>
<td><strong>11:20 – 11:25</strong></td>
<td>Comparison of procedural and long-term clinical outcomes in critical limb ischemia patients following endovascular treatment in the LIBERTY 360 study <em>G. Adams</em></td>
</tr>
<tr>
<td><strong>11:25 – 11:30</strong></td>
<td>12-month results of the DISAPEAR registry of BVS in CLI from Singapore <em>S. Kum</em></td>
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<tr>
<td><strong>11:30 – 12:30</strong></td>
<td>CCT@LINC – various techniques to recanalise CTO</td>
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<td><em>Moderators: R. Langhoff, K. Urasawa</em></td>
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<tr>
<td><strong>11:30 – 11:40</strong></td>
<td>Duplex ultrasound guided wire <em>M. Tan</em></td>
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<tr>
<td><strong>11:40 – 11:50</strong></td>
<td>Role of below-the-ankle intervention <em>T. Nakama</em></td>
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<tr>
<td><strong>11:50 – 12:00</strong></td>
<td>Asahi style for complex lesions <em>N. Hayakawa</em></td>
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<tr>
<td><strong>12:00 – 12:10</strong></td>
<td>Various EVT techniques for long SFA CTOs <em>Y. Tsubakimoto</em></td>
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<tr>
<td><strong>12:10 – 12:20</strong></td>
<td>Distal punctures and related techniques <em>H. Ando</em></td>
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<tr>
<td><strong>12:20 – 12:30</strong></td>
<td>Question and answers</td>
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<tr>
<td><strong>12:30 – 13:30</strong></td>
<td>Lunch symposium: Achieving quality &amp; predictable outcomes in treatment of venous thromboembolism supported with an educational grant from BTG, now a part of Boston Scientific</td>
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<td><em>Moderator: N. Kucher</em></td>
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<td></td>
<td><em>Panel: M. Dumantepe, S. Stortecky</em></td>
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<tr>
<td><strong>12:30 – 12:35</strong></td>
<td>Introduction</td>
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<tr>
<td><strong>12:35 – 12:50</strong></td>
<td>How to achieve only 6% PTS in the treatment of acute DVT. What device to use when? <em>N. Kucher</em></td>
</tr>
<tr>
<td><strong>12:50 – 13:05</strong></td>
<td>Treatment of chronic DVT with EKOS™: Reproducing ACCESS PTS data in everyday clinical practice <em>M. Dumantepe</em></td>
</tr>
<tr>
<td><strong>13:05 – 13:20</strong></td>
<td>Effective treatment for high risk and intermediate-high risk pulmonary embolism patients with Acoustic Pulse Thrombolysis™: Data from Bern <em>S. Stortecky</em></td>
</tr>
<tr>
<td><strong>13:20 – 13:30</strong></td>
<td>Discussion and conclusion</td>
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</table>
13:30 – 14:30 Deep dive session: Venous interventions (part I)
Focus on diagnosis of venous obstructions, crossing of venous occlusions, and thrombus removal
Moderators: R. Lookstein, N. Kucher
Panel: S. Black, E. Murphy
13:30 – 13:37 Well-recognized venographic signs of significant iliac vein compression in asymptomatic young volunteers  R. de Graaf
13:37 – 13:44 First time data release: IVUS vs. fluoroscopic guided recanalisation for iliofemoral obstruction: Effective option to reduce radiation exposure during intervention  M. Lichtenberg
13:44 – 13:51 Overlap syndromes in leg swelling, special focus on elevated central venous pressure  R. Kolluri
13:51 – 13:58 The role of CT and MRI imaging for planning of venous procedures  N. Kucher
13:58 – 14:05 Meta-analysis on thrombolysis vs. mechanical thrombectomy for iliofemoral DVT: Safety concerns should stop CDT  M. Lichtenberg
14:05 – 14:12 Optimal techniques for single session pharmaco-mechanical thrombectomy of acute deep vein thrombosis using the 8 french Rheolytic thrombectomy catheter  R. Lookstein
14:12 – 14:19 Safety, procedural success, and outcome of the Aspirex®S endovascular thrombectomy system in the treatment of iliofemoral deep vein thrombosis: Data from the Aspirex registry  M. Lichtenberg
14:19 – 14:30 Discussion and conclusion
14:30 – 14:50 Symposium: Aspirex®S in iliofemoral DVT: New evidence from multiple centres supported with an educational grant from Straub Medical
Moderator: M. Lichtenberg
Panel: R. Loffroy, B. Freitas
14:30 – 14:40 P-MAX study: Iliofemoral DVT. Safety and performance update from the Arnsberg cohort  M. Lichtenberg
14:40 – 14:50 Aspirex®S in iliofemoral DVT: The Dijon experience  R. Loffroy
14:50 – 15:00 Aspirex®S in iliofemoral DVT: The Maceio experience  B. Freitas
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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Details</th>
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<tbody>
<tr>
<td>15:30 – 16:30</td>
<td>Deep dive session: Venous interventions <em>(part II)</em></td>
<td><strong>Focus on venous stenting</strong>&lt;br&gt;<strong>Moderators:</strong> R. de Graaf, H. Jalaie&lt;br&gt;<strong>Panel:</strong> T. Sebastian, M. Ulrich</td>
</tr>
<tr>
<td>15:30 – 15:36</td>
<td>First time data release:</td>
<td>Unique challenges of iliofemoral venous obstruction: Need for venous stents with 50 year durability testing&lt;br&gt;<em>S. Black</em></td>
</tr>
<tr>
<td>15:36 – 15:42</td>
<td>Technical properties of nitinol: the ideal alloy for venous stenting</td>
<td><em>E. Murphy</em></td>
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<tr>
<td>15:42 – 15:48</td>
<td>First time data release:</td>
<td>Impact of stent structure on venous flow&lt;br&gt;<em>H. Jalaie</em></td>
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<tr>
<td>15:48 – 15:54</td>
<td>New stent design for below the inguinal ligament: The Blueflow venous stent</td>
<td><em>M. Lichtenberg</em></td>
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<tr>
<td>15:54 – 16:00</td>
<td>Abre™ IDE study: Overview of baseline demographics</td>
<td><em>E. Murphy</em></td>
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<tr>
<td>16:00 – 16:06</td>
<td>Predictors for patency rate and clinical improvement after iliofemoral venous</td>
<td><em>M. Lichtenberg</em></td>
</tr>
<tr>
<td>16:06 – 16:12</td>
<td>24-month patency rates and clinical results of the SINUS OBLIQUUS® venous</td>
<td><em>M. Lichtenberg</em></td>
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<tr>
<td>16:12 – 16:18</td>
<td>Anticoagulation after ilio-femoral intervention</td>
<td><em>R. Kolluri</em></td>
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<tr>
<td>16:18 – 16:24</td>
<td>Discussion and conclusion</td>
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<tr>
<td>16:30 – 17:30</td>
<td>Deep dive session: Venous interventions <em>(part III)</em></td>
<td><strong>Focus on complex venous procedures</strong>&lt;br&gt;<strong>Moderators:</strong> N. Kucher, R. Kolluri&lt;br&gt;<strong>Panel:</strong> T. Hirsch, K. Brachmann</td>
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<tr>
<td>16:30 – 16:36</td>
<td>Reconstruction of the inferior vena cava using dedicated iliofemoral venous</td>
<td><em>R. Lookstein</em></td>
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<td>16:36 – 16:42</td>
<td>5 year data of acrylate treatment using Venaseal</td>
<td><em>T. Hirsch</em></td>
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<td>16:42 – 16:48</td>
<td>A Singapore Venaseal real world post-market evaluation study (ASVS)</td>
<td><em>T. Y. Tang</em></td>
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<tr>
<td>16:48 – 16:54</td>
<td>VENCLOSE™ – clinical experiences with a new radiofrequency ablation catheter</td>
<td><em>A. Lukhaup</em></td>
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<tr>
<td>16:54 – 17:00</td>
<td>Case study highlighting patients with various venous disorders – what is the referral, diagnostics, and treatment pathway in the US</td>
<td><em>P. Rochon</em></td>
</tr>
<tr>
<td>17:00 – 17:06</td>
<td>Venous ulcer – care pathway in 2020</td>
<td><em>R. Kolluri</em></td>
</tr>
<tr>
<td>17:06 – 17:12</td>
<td>Hybrid venous interventions: It doesn’t stop there</td>
<td><em>R. de Graaf</em></td>
</tr>
<tr>
<td>17:12 – 17:18</td>
<td>Review of treatment techniques for various presentations of AVMs</td>
<td><em>P. Rochon</em></td>
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<td>17:18 – 17:24</td>
<td>Onyx vs. other liquid embolic agents for AVM treatment</td>
<td><em>W. Wohlgemuth</em></td>
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<tr>
<td>17:24 – 17:30</td>
<td>Discussion and conclusion</td>
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</table>
**Challenging cases and complications – venous/AV access**

**Moderators:** M. Treitl, H. Jalaie

09:30 – 09:35
Popliteal vein aneurysm associated with varicose veins, hydrocele, and multiple congenital osteomas: A case report and review of the literature  
A. Ghanem

09:35 – 09:40
Acute iliofemoral deep vein thrombosis in chronically ischemic leg mimicked phlegmasia cerulea dolens  
K. Hongku

09:40 – 09:45
Recurrent painful lower extremity varicosities due to occult right sided iliac venous compression  
Y. Park

09:45 – 09:50
Crossing chronic ilio caval obstructions using COOK TriForce catheter set  
H. Aldailami

09:50 – 09:55
Use of ultrasound accelerated thrombolysis vs. catheter guided for treatment of DVT  
M. Ansari

09:55 – 10:00
Percutaneous reconstruction of ligated inferior vena cava  
D. Dexter

10:00 – 10:05
Nightmare after iliac vein stenting: Spinal epidural hematoma  
Y. Jenab

10:05 – 10:10
Implications of venous stent fractures  
D. Dexter

10:10 – 10:15
Endovascular treatment of cava-iliac trombos  
D. Barbosa Delfino

10:15 – 10:20
Novel management of extensive deep vein thrombosis secondary to Bird Nest’s filter thrombosis  
M. Maneevese

10:20 – 10:25
Successful treatment of an acute bilateral iliacal vein thrombosis in a case of chronically occluded vena cava inferior combined with a protein C deficiency: A case report  
M. C. Weber

10:25 – 10:30
Multiple technique attempt for difficult percutaneous inferior vena cava filter retrievals  
P.-S. Huang

10:30 – 10:35
Retrieval of inferior vena cava filter by using laparoscopic forceps after failure standard filter retrieval technique  
W. Saengprakai

10:35 – 10:40
Role of covered stents in cephalic arch for salvage of AVF  
M. Ismail

10:40 – 10:45
Drug (Sirolimus) coated balloon for AV fistula salvage  
G. Reddy

10:45 – 10:50
Acute thrombosis of Arterio-Venous Fistula (AVF) salvaged by Pharmaco-mechanical management by Alteplase: A thrilling episode!  
A. Goel

10:50 – 10:55
Complications and prevention for dysfunctional radiocephalic AVF juxta-anastomotic stenting (JXAS)  
K. K. Wong

10:55 – 11:00
Discussion and conclusion

**The new Medical Device Regulation (MDR) of the EU:**  
**Impact on healthcare market and physicians**

**Moderators:** J. Balzer, A. Talen

11:00 – 11:08
Current status and the (current) indications  
P. Eerdmans

11:08 – 11:16
EU MDR and its effect on the device supply (perspective of a physician)  
J. Balzer

11:16 – 11:24
EU MDR – the final countdown and practical impact on manufacturers  
R. Kessels

11:24 – 11:32
EU MDR and its effect on the device supply (perspective of the notified body)  
P. Eerdmans

11:32 – 11:40
Clinical consequences to support device availability  
A. Talen

11:40 – 11:50
Discussion and conclusion
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<tr>
<td>12:30 – 13:30</td>
<td><strong>Challenging cases and complications – EVAR aortic dissections</strong>&lt;br&gt;Moderators: T. Kölbel, W. Guo</td>
</tr>
</tbody>
</table>
| 12:30 – 12:35 | The parallel graft technique for patient with Type B aorta dissection  
T. Khafizov |
| 12:35 – 12:40 | Endovascular treatment of complicated Type B aortic dissection in a patient  
with post-cardiac arrest and subsequent incidence of aortoesophageal fistula  
C. Kim |
| 12:40 – 12:45 | Combining stent-graft and VSD occluder to treat a challenging chronic  
Type B dissection  
A. Farghaly |
| 12:45 – 12:50 | Secondary thoracic endovascular aortic repair due to stent graft induced  
new entry (SINE) and the importance of inferior mesenteric artery  
W. Kim |
| 12:50 – 12:55 | A case of successful TEVAR in descending thoracic aortic dissection  
via bidirectional wiring  
J. H. Ahn |
| 12:55 – 13:00 | Insitu & outside fenestration of TEVAR in case of dissection Type A  
M. Sharafutdinov |
| 13:00 – 13:05 | Endovascular treatment for aortic dissection – will the PETTICOAT technique  
move to the next level and beyond?  
K. Hashizume |
| 13:05 – 13:10 | Acute occlusion of descending thoracic aorta  
N. Stella |
| 13:10 – 13:15 | Wrapping of an ascending aorta aneurysm and hybrid technique for acute TBAD  
in high risk patient  
S. Nguyen |
| 13:15 – 13:20 | Distal extended endovascular aortic repair PETTICOAT with CERAB technique  
in a case of acute Type B aortic dissection  
M. A. Ruffino |
<p>| 13:20 – 13:30 | Discussion and conclusion |</p>
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<tr>
<td>13:30 – 15:30</td>
<td><strong>Challenging cases and complications – EVAR aortic arch/thoracic aorta/thoracoabdominal aorta</strong></td>
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<tr>
<td>13:30 – 13:35</td>
<td>Hybrid repair of arch aneurysm – a journey from beginner to advanced</td>
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<td>13:35 – 13:40</td>
<td>Unexpected use of Proglide in aortic arch</td>
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<tr>
<td>13:40 – 13:45</td>
<td>Percutaneous treatment of occlusion and thrombosis of right and left pulmonary arteries on a 9 months old child: Late complication of open-heart repair of Tetralogy of Fallot</td>
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<tr>
<td>13:45 – 13:50</td>
<td>Transcatheter treatment of complex ascending aortic pseudoaneurysm with coils and occluders</td>
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<tr>
<td>13:55 – 14:00</td>
<td>Adult aortic coarctation with intestinal angina and lower limb claudication treated by stent graft</td>
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<tr>
<td>14:00 – 14:05</td>
<td>Ruptured left subclavian artery anastomotic pseudoaneurysm in young patient</td>
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<td>14:05 – 14:10</td>
<td>Endovascular thoracic graft relining: Treatment of symptomatic floating thrombus following aortic arch aneurysm repair</td>
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<tr>
<td>14:10 – 14:15</td>
<td>To be impending rupture Kommerelle diverticulum treated by Amplatz plug</td>
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<tr>
<td>14:15 – 14:20</td>
<td>Percutaneous transapical left ventricular access for complex transcatheter endovascular aortic repair</td>
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<tr>
<td>14:20 – 14:25</td>
<td>Endovascular management in thoracic descending aorta aneurysm involving the celiac trunk</td>
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<tr>
<td>14:25 – 14:30</td>
<td>Single center experience with the use of the Covera Plus as bridging stent during endovascular aortic repair with branched devices</td>
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<tr>
<td>14:30 – 14:35</td>
<td>Endovascular treatment of ruptured thoracoabdominal aneurysms</td>
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<tr>
<td>14:35 – 14:40</td>
<td>Totally open repair of Type IV TAAA by de-branching each visceral artery and tube graft with prior thoraco-iliac conduit</td>
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<tr>
<td>14:40 – 14:45</td>
<td>Mechanical thromboaspiration and relining with covered stent of an occluded renal bridging stent in BEVAR</td>
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<tr>
<td>14:45 – 14:50</td>
<td>A hybrid visceral debranching and endovascular aortic aneurysm repair for infected suprarenal aortic aneurysm in an HIV-infected patient</td>
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<tr>
<td>14:50 – 14:55</td>
<td>TEVAR with visceral debranching for the high-risk old patient with shaggy aorta – Protection of thromboembolism with temporary occlusion of visceral bypasses</td>
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<tr>
<td>14:55 – 15:00</td>
<td>Treatment of Type I and Type II endo leak after TEVAR for thoraco abdominal aortic aneurysm Crawford Type IV using coiling and plug occlusion of chimney coeliac stent</td>
</tr>
<tr>
<td>15:00 – 15:05</td>
<td>Aortic neck dilation following thoracic endovascular aneurysm repair</td>
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<tr>
<td>15:05 – 15:10</td>
<td>Persistent endoleak after Snorkel technique for thoracoabdominal aneurysm treated with transcaval access to aortic sac and coil embolization</td>
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<tr>
<td>15:10 – 15:30</td>
<td>Discussion and conclusion</td>
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</tbody>
</table>
09:30 – 11:00  Challenging cases and complications – carotid/supraaortic/brachial

Moderators: K. Mathias, F. Vermassen

09:30 – 09:35  PTA of aortic arch vessel in patients with Takayasu disease  
R. Vijayvergiya

09:35 – 09:40  Management of traumatic giant pseudoaneurysm of carotid artery with respiratory 
distress by open reconstruction  
A. Savlania

09:40 – 09:45  Redo carotid surgery requiring excision of carotid bifurcation due to prior stapled 
patch, interposition PTFE bypass with ECA reimplant and retrograde CCA stenting  
M. Martin

09:45 – 09:50  Imminent myocardial infarction with co-existing thrombus in carotid artery 
as unfortune complications on early stage of standard CAS procedure  
M. Misztal

09:50 – 09:55  How to clamp and bypass the carotid artery when bilateral subclavian and 
left carotid arteries are occluded and there is severely stenotic right carotid artery 
supplying the brain  
D. M. Oztas

09:55 – 10:00  Double layer stent for endovascular treatment of a carotid artery 
pseudoaneurysm as a complication of CAS  
N. Stella

10:00 – 10:05  Use of the Roadsaver carotid artery stent to treat a late pseudoaneurym after open 
surgical carotid endarterectomy  
G. Coppi

10:05 – 10:10  Endovascular stent graft for carotid artery aneurysm is a good option, a case report  
A. Elmarakby

10:10 – 10:15  Carotid-coated stent in a patient with advanced submandibular gland tumor  
J. Silva

10:15 – 10:20  Hybrid carotid angioplasty with transcervical open access: 
a feasible option for challenging anatomy  
M. Giusti

10:20 – 10:25  Extraordinary and misleading complication after carotid stenting  
M. Maga

10:25 – 10:30  Coil embolization of inferior thyroid artery pseudoaneurysm  
M. Moreira

10:30 – 10:35  Endovascular treatment of extracranial carotid artery pseudoaneurysm using 
a double mesh carotid stent as flow diverter  
D. Soto

10:35 – 10:40  Endovascular treatment of axillary artery rupture secondary to shoulder dislocation 
using the dual bull’s-eye technique: A case report and literature review  
V. Mosquera Rey

10:40 – 10:45  Endovascular treatment of thoracic outlet syndrome (Pectoralis minor type) – 
 case report  
M. Nagib

10:45 – 11:00  Discussion and conclusion
11:00 – 12:30 | Selected abstracts original research – venous interventions  
**Moderators:** S. Black, R. de Graaf

11:00 – 11:05 | Radiofrequency vs. laser ablation for great saphenous reflux under regional femoral nerve block  
A. Elmarakby

11:05 – 11:10 | Stripping vs. radiofrequency vs. cyanoacrylate for treatment of varicose veins.  
Clinical results and cost effectiveness analysis  
J. Hipola

11:10 – 11:15 | Results of endovascular treatment of superior and inferior vena cava at mid-term follow-up (up to 65 months)  
L. Dosev

11:15 – 11:20 | Results of multi-stage pelvic vein embolisation in patients with pelvic venous disorder  
L. Drelicharz

11:20 – 11:25 | Cephalic vein arch stenting vs. transposition  
A. Elmarakby

11:25 – 11:30 | Estimating the extent of postthrombotic iliocaval obstructions prior to endovascular recanalisation – a comparison of different imaging modalities  
M. Mueller

11:30 – 11:35 | Patency rate of endovascular procedure in patients with superior vena cava syndrome: A case series and literature review  
M. Noaparast

11:35 – 11:40 | Long term outcome after surface inside-out access procedure for effective placement of venous catheters in patients with thoracic central venous obstruction  
T. Steinke

11:40 – 11:45 | Inferior vena cava filter thrombosis 10 years experience  
M. Nagib

11:45 – 11:50 | Endovascular management for salvage of failing arteriovenous fistula  
M. Ismail

11:50 – 11:55 | Percutaneous insertion of peripheral vein port catheter for chemotherapy in cancer patients  
S. Nagib

11:55 – 12:00 | Hybrid salvage of thrombosed dialysis access grafts  
H. Ali

12:00 – 12:05 | Comparative outcome of patch angioplasty vs. balloon angioplasty after surgical thrombectomy of thrombosed arteriovenous hemodialysis graft: 18-month results  
A. Allam

12:05 – 12:10 | Safety and efficacy of the Indigo aspiration system in patients with acute pulmonary embolism: Results from a prospective, single-arm, multicenter IDE study (EXTRACT-PE)  
R. Lookstein

12:10 – 12:30 | Discussion and conclusion
12:30 – 13:30  Selected abstracts original research – PVD general/iliac
Moderators: S. Nikol, O. Iida

12:30 – 12:35  Triple antithrombotic therapy versus dual antiplatelet therapy in patients with peripheral artery disease undergoing endovascular therapy  K. Hishikari

12:35 – 12:40  Association between polypharmacy and major adverse cardiovascular and limb event in patients with peripheral artery disease from I-PAD 3-year registry  M. Inoue

12:40 – 12:45  Does endothelial function differ in patients with critical limb ischemia compared to patients with limb claudication and how does it change after endovascular procedures during the one-year follow-up period?  P. Kaczmarczyk

12:45 – 12:50  The impact of residual SYNTAX score after endovascular treatment peripheral artery disease  T. Kato

12:50 – 12:55  Comparison of multiple nutrition status assessment on clinical outcome in peripheral artery disease patients undergoing endovascular therapy  K. Kawamura

12:55 – 13:00  The impact of the nutritional and inflammatory status on patients with critical ischemia of lower limbs  E. San Norberto-García

13:00 – 13:05  Association of the prognosis of ankle-brachial index improvement 1 year after endovascular therapy: From the I-PAD registry  K. Senda

13:05 – 13:10  First experience with percutaneous mechanical thrombectomy (PMT) – learning curve and 18 month follow-up  E. Swiecka

13:10 – 13:15  Comparative evaluation of efficacy and safety of stenting of prolonged iliac artery lesion in comparison with aorto femoral bypass surgery. Interim results of a randomized trial  A. Karpenko


13:20 – 13:30  Discussion and conclusion
13:30 – 15:00  
**Selected abstracts original research – SFA/popliteal**

*Moderators: M. Brodmann, D. Do*

13:30 – 13:35  
Optimal vessel preparation and bail-out stent implantation evaluated by multimodality for superficial femoral artery disease – result from IGNITE study  
*M. Fujihara*

13:35 – 13:40  
The novel approach for calcification; “Calc.Break Technique – Fracking Method”  
*T. Haraguchi*

13:40 – 13:45  
Comparison of echo-guided endovascular treatment (EVT) vs. angio-guided EVT for femoropopliteal artery occlusive disease  
*T. Tokuda*

13:45 – 13:50  
Eximo Medical’s (an AngioDynamics Inc. company) B-Laser™ up to date clinical data  
*M. Brodmann*

13:50 – 13:55  
Outcomes of atherectomy plus drug-coated balloon vs. drug-coated balloon alone for native femoropopliteal artery disease  
*Y.­G. Ko*

13:55 – 14:00  
Clinical outcome after endovascular treatment for femoro-popliteal lesion with hemodialysis patients  
*H. Miyashita*

14:00 – 14:05  
How to achieve “successful” balloon angioplasty: Insight from IGNITE prospective multicenter trial acute phase IVUS data  
*A. Kozuki*

14:05 – 14:10  
Downstream effect: Slow-flow phenomenon after drug coated balloon angioplasty for femoropopliteal occlusive disease  
*K. Sato*

14:10 – 14:15  
Outcomes of drug coated balloon vs. drug-eluting stent for native femoropopliteal artery disease in real world practice  
*Y.­G. Ko*

14:15 – 14:20  
Initial treatment results of Eluvia paclitaxel-eluting stent for treatment of femoropopliteal lesions in Japanese population  
*K. Takayama*

14:20 – 14:25  
Benefits of DEB post stenting in diabetic patients and males – subgroup analysis of the randomized Freeway Stent study  
*S. Müller-Hülsbeck*

14:25 – 14:30  
Nitinol stent vs. bypass in long femoropopliteal lesions: 2-year results of a randomized controlled trial  
*F. Enzmann*

14:30 – 14:35  
Vessel healing after drug-eluting stent (Eluvia) implantation: Observed by optical coherence tomography and high resolution angioscopy  
*A. Kozuki*

14:35 – 14:40  
Vascular response of a Polymer-free, Paclitaxel-coated stent (Zilver PTX) vs. a Polymer-coated, Paclitaxel-eluting stent (Eluvia) in healthy swine femoropopliteal arteries  
*A. Finn*

14:40 – 14:45  
Cost-Effectiveness of a Polymer-Coated, Paclitaxel-Eluting stent (Eluvia) compared to a Polymer-Free, Paclitaxel-Coated stent (Zilver PTX) for endovascular femoropopliteal intervention in diabetes patients: A United States payer perspective  
*S. Müller-Hülsbeck*

14:45 – 14:50  
Outcomes of peripheral arterial disease interventions in patients with and without chronic kidney disease – a meta-analysis of clinical trials  
*M. Anantha-Narayanan*

14:50 – 15:00  
Discussion and conclusion
15:00 – 16:30

**Selected abstracts original research – CLI/BTK**

**Moderators:** R. Ferraresi, R. Langhoff

- **15:00 – 15:05**
  The prognosis after endovascular revascularisation among hemodialysis patients  
  *M. Iiya*

- **15:05 – 15:10**
  Tibiopedal retrograde vascular access in no-option-treatment patients – single centre assessment of technique effectiveness  
  *M. Maga*

- **15:10 – 15:15**
  Predictive ability of WIFI composite scores for clinical outcomes before and after endovascular therapy for critical limb ischemia  
  *S. Mori*

- **15:15 – 15:20**
  Indirect (non angiosome) arterization with foot arch revascularisation in wound healing and foot salvage in Critical limb ischemic patients  
  *M. Nagib*

- **15:20 – 15:25**
  Inguinal lymphadenopathy as a predicting factor for ipsilateral primary limb amputation after successful endovascular treatment  
  *D. Raskin*

- **15:25 – 15:30**
  6-year results of a toe-flow diabetic foot unit included in a vascular surgery department  
  *L. de Benito*

- **15:30 – 15:35**
  New different approaches to “no-option” CLI patients. Totally percutaneous vs. Hybrid AV reversal flow  
  *B. Migliara*

- **15:35 – 15:40**
  Subcutaneous oxygen microsensors assess long-term tissue viability following endovascular revascularisation treatments in CLI patients  
  *S. Kanick*

- **15:40 – 15:45**
  24-month results of Ulysses registry: Ultrasound plasty to improve plain percutaneous angioplasty outcomes  
  *C. del Giudice*

- **15:45 – 15:50**
  Multidisciplinary approach in diabetic foot care in the outpatient setting  
  *C. Ünlü*

- **15:50 – 15:55**
  The 1 year success of below the knee angioplasty in patients with critical limb ischaemia: A single centre review  
  *T.-A. Russell*

- **15:55 – 16:00**
  Post-endovascular treatment analysis of below-the-knee blood flow dynamics. Can it be a novel predictor of clinical outcomes in post-procedural observations  
  *A. Wachsmann-Maga*

- **16:00 – 16:05**
  Below-the-ankle angioplasty in patients with critical limb ischemia: A systematic review and meta-analysis  
  *M. Schreve*

- **16:05 – 16:10**
  Pedal arch: To treat or not to treat?  
  *N. Pisarenko*

- **16:10 – 16:15**
  Endovascular management of peripheral arterial aneurysm  
  *H. Sharaf El Din*

- **16:15 – 16:20**
  New trends in p-DVA: technical and anatomical key points  
  *B. Migliara*

- **16:20 – 16:30**
  Discussion and conclusion
mediAVentures is the exclusive supplier of all multimedia services for the LINC courses. All live case transmissions are co-ordinated, filmed and produced by mediAVentures crew, using the latest in high definition television and wireless technology. As the complete transmission chain (from fluoroscopy to projector) is performed in full HD, the quality of the medical images as seen by the audience is identical to what the operators in the digital cathlab are seeing. Ultrabright projection onto huge screens, interactive panel and audience participation, innovative display techniques and a unique conference support service create a unique teaching experience, making LINC the most comprehensive interventional course available today.

www.mediAVentures.be
08:00 – 09:30  The last frontiers: Extreme BTK interventions for limb salvage in CLI
Moderators: R. Ferraresi, S. Kum
08:00 – 08:20  Live case transmission from Abano Terme
08:20 – 08:26  Peripheral vascular morbidity and its treatment in diabetic patients with renal failure  M. Edmonds
08:26 – 08:32  How to guide your intervention with perfusion angiography  J. Reekers
08:32 – 08:38  Advantages of intra-vascular imaging in BTK procedures  M. Lichtenberg
08:43 – 08:49  When is below-the-ankle angioplasty indicated?  R. Ferraresi
08:49 – 09:09  Live case transmission from Leipzig
09:09 – 09:14  5-year results from the ABSORB BTK study: Bioresorbable scaffolds for the treatment of tibial artery stenosis  R. Varcoe
09:14 – 09:19  Latest experience with the 3F Microstent in complex BTK procedures  R. Beasley
09:19 – 09:30  Discussion and conclusion

09:30 – 11:00  Symposium: Rotarex®S in ISR and bypass occlusion: Are they still only a niche indication?
supported with an educational grant from Straub Medical
Moderator: R. Loffroy
Panel: B. Freitas, B. Migliara, C. Rammos
09:30 – 09:40  Rotarex®S for in-stent stenosis/occlusion: A French multicentre experience with 128 patients  R. Loffroy
09:40 – 10:05  Live case transmission from Leipzig
10:05 – 10:15  Rotarex®S for in-stent restenosis/occlusion: The Leipzig experience with more than 300 patients  B. Freitas
10:15 – 10:40  Live case transmission from Leipzig
10:40 – 10:50  Clinical and cost effectiveness of treating bypass occlusion with Rotarex®S vs. surgery  B. Migliara
10:50 – 11:00  SAVioR trial: Acute improvement of vascular function following debulking atherectomy with Rotarex®S  C. Rammos
<table>
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<th>Time</th>
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| 11:00 – 12:30 | Innovating dialysis access: Latest data and developments in creation, maintenance, and program implementation sponsored by BD  
**Moderator: D. Scheinert**  
**Panel: N. Inston, P. Kitrou, E. Ducasse, T. Steinke, O. Jaffer**  
**11:00 – 11:07** The WavelinQ EndoAVF™ system: Past, present, future  
**N. Inston**  
**11:07 – 11:17**  
- **Recorded case presentation: Procedure with the EndoAVF 4F™ system**  
**P. Kitrou**  
**11:17 – 11:22** The 1st French experience with the WavelinQ EndoAVF 4F™ system  
**E. Ducasse**  
**11:22 – 11:27** EndoAVF secondary interventions  
**P. Kitrou**  
**11:27 – 11:37** Panel discussion  
**N. Inston, P. Kitrou, E. Ducasse**  
**11:37 – 11:44** The Covera™ Vascular Covered stent in fistula: the AVEVA & AVENEW studies  
**B. Dolmatch**  
**11:44 – 11:54**  
- **Recorded case presentations with Covera™ Vascular Covered stent**  
**T. Steinke**  
**11:54 – 12:04** Panel discussion  
**B. Dolmatch, T. Steinke**  
**12:04 – 12:09** DCB in central venous stenosis. A multicenter retrospective study  
**P. Kitrou**  
**12:09 – 12:15** An overview of the Lutonix® Drug Coated Balloons clinical program and patient population characteristics  
**T. Steinke**  
**12:15 – 12:20** Use of drug-coated balloons in dysfunctional arteriovenous dialysis access treatment: The effect of consecutive treatments on lesion patency  
**P. Kitrou**  
**12:20 – 12:30** Panel discussion  
**P. Kitrou, T. Steinke, O. Jaffer**  
**12:30 – 13:30** Focus session: Percutaneous bypass technique for challenging femoropopliteal occlusions  
**Moderator: P. Schneider**  
**Panel: D. Scheinert, K. Ouriel, S. Lyden**  
**12:30 – 12:38** Using the vein as a DETOUR to long, complex CTOs  
**P. Schneider**  
**12:38 – 12:58**  
- **Live case transmission from Leipzig**  
**12:58 – 13:06** Patient selection for the PQ Bypass DETOUR procedure  
**S. Lyden**  
**13:06 – 13:30** Discussion and conclusion |
Pioneering techniques for “no-option” CLTI patients – deep venous arterialization

Moderators: D. Scheinert, P. Schneider
Panel: R. Ferraresi, G. Clerici, M. Schreve

13:30 – 13:36 Promise and limitations of below-the-ankle revascularisation and pedal loop technique
   M. Manzi via satellite from Abano Terme

13:36 – 13:42 The “no-option” CLTI population and prevalence of Small Artery disease
   P. Schneider

13:42 – 13:48 Surgical, hybrid, and percutaneous DVA – overview of techniques and limitations
   M. Schreve

13:48 – 13:54 LimFlow PROMISE I study results – the first prospective multi-center trial on DVA
   P. Schneider

13:54 – 14:00 Ultrasound guided distal AV fistula creations for segmental foot arterialization
   M. Montero-Baker

14:00 – 14:06 DVA pathophysiology and mechanism of action
   R. Ferraresi

14:06 – 14:12 Post-DVA care in a multidisciplinary setting
   G. Clerici

14:12 – 14:32 Live case transmission from Leipzig

14:32 – 15:00 Discussion and conclusion
Thursday, 30 January 2020 (cont.)

15:00 – 18:00

The last frontiers: Remaining challenges, ongoing controversies, and unmet clinical needs
Moderators: J. van den Berg, P. Krishnan
Panel: T. Fuß, T. Zeller, M. Bosiers, H. Ando

Focus on ultra-long lesions
15:00 – 15:05 The SUPER B RCT shows VIABAHN® endografts perform as well as open surgical fempop bypass grafts for 2 years M. Reijnen
15:05 – 15:10 Gore® VIABAHN® endoprosthesis demonstrates powerful patency in 20+ cm SFA lesions P. Soukas
15:10 – 15:35 Live case transmission from Leipzig
15:35 – 15:40 The ZILVERPASS study: A randomized study comparing ZILVER PTX stenting with BYPASS in femoropopliteal lesions (final 24-month results) M. Bosiers

Focus on advanced recanalisation techniques for “no stent zones”
15:40 – 15:45 Vessel preparation options when stenting is not an option in the popliteal artery J. van den Berg
15:45 – 15:50 Utility of the orbital atherectomy system (CSI) in the treatment of no-stenting zones involving isolated lesions of the popliteal artery K. Donas
15:50 – 15:55 Intravascular lithoplasty in calcified common femoral arteries E. Blessing
15:55 – 16:20 Live case transmission from Münster

First choice treatment of PAOD in the common femoral artery
16:20 – 16:25 Pro surgery D. Böckler
16:25 – 16:30 Pro intervention T. Zeller

Focus on severe calcified occlusions
16:30 – 16:35 My choice of atherectomy system in severe calcification P. Krishnan
16:35 – 16:40 Use of Intravascular Lithotripsy in aorto-iliac occlusive disease A. Holden
16:40 – 16:45 Crack-and-pave techniques: Technical tips and follow-up data M. Matschuck
16:45 – 17:10 Live case transmission from Leipzig

Focus on thrombus containing lesions and in-stent-restenosis
17:10 – 17:15 Treatment approaches for acute limb ischemia M. Thieme
17:20 – 17:25 Aspiration thrombectomy for acute limb ischemia. Is the era of the Fogarty balloon over? M. A. Ruffino
17:25 – 17:50 Live case transmission from Abano Terme
17:50 – 17:55 How to treat in-stent-restenosis in the femoropopliteal tract? What does the literature tell us? Michel Bosiers
17:55 – 18:00 Step by step approach for endovascular salvage of occluded fem-pop bypass M. Montero-Baker
**New insights and current techniques for thoracic endovascular aortic repair**

*Moderators:* V. Riaimbau, G. Torsello

*Panel:* T. Kölbel, M. Lachat, M. van Sambeek, E. Ducasse, M. Malina, A. Al-Sibaie

**08:00 – 08:05**

Valiant Navion: What we have learned about this next generation TEVAR device: 1-year results from the global clinical trial  
*S. Trimarchi*

**08:05 – 08:10**

Addressing unmet clinical needs with a new generation TEVAR device: Practical application of the Valiant Navion  
*T. Kratimenos*

**08:10 – 08:15**

The Fustar steerable sheath in my daily practice: When and how?  
*T. Bisdas*

**08:15 – 08:20**

Insights on TEVAR from the SURPASS registry  
*G. Torsello*

**08:20 – 08:50**

Live case transmission from Münster

**08:50 – 08:55**

Incidence and predictors of early and mid-term neurological complications following thoracic endovascular repair  
*M. Piazza*

**08:55 – 09:05**

Recorded case presentation: Relay proximal scallop?  
*J.-M. Alsac*

**09:05 – 09:10**

Stroke in TEVAR: How to minimize cerebral damage?  
*T. Kölbel*

**09:10 – 09:15**

Aortyx patch: An innovative repair approach for focal aortic defects  
*V. Riaimbau*

**09:15 – 09:20**

BEVAR by femoral approach with a steerable sheath  
*S. Abisi*

**09:20 – 09:30**

Discussion and conclusion

**09:30 – 11:00**

**Symposium: Achieving durable outcomes in endovascular aortic repair:**

*Lessons learned on the benefits of the GORE® ACTIVE CONTROL system*

Supported with an educational grant from Gore & Associates

*Moderator:* S. Trimarchi

*Panel:* D. Böckler, H. Verhagen, M. van Sambeek, N. Mosquera, G. Pratesi

**09:30 – 09:35**

Introduction

**09:35 – 09:50**

Active control in TEVAR: When is the use of angulation control beneficial for achieving optimal outcomes?  
*D. Böckler*

**09:50 – 10:10**

Recorded case presentation: Thoracic case with TAG Conformable with active control performed by H. Verhagen

**10:10 – 10:25**

Active control in EVAR: Orthogonal placement and 360 seal using the angulation control  
*M. van Sambeek*

**10:25 – 10:45**

Recorded case presentation: Abdominal case with EXCC performed by N. Mosquera

**10:45 – 11:00**

Value of conformability for the success of aortic endovascular repair in the short and long-term  
*G. Pratesi*
Pioneering techniques for pathologies of the ascending aorta and the aortic arch

Moderators: T. Kölbel, R. Chiesa

Accuracy and alignment near and in the aortic arch  G. Rossi

Safety and effectiveness of a proximal scallop endograft for deployment close to the supra-aortic trunks: Results of a prospective, multicenter clinical study  J.-M. Alsac

Endovascular treatment of aortic arch disease  T. Imaev

The role of double layer PTFE grafts and in situ fenestration in complex aortic arch cases  R. Kolvenbach

Parallel grafts for aortic arch lesions; tips to make them work and when do they  M. Lachat

Live case transmission from Paris

Aortic arch reconstruction with a newly-designed modular branched stent graft – a first-in-man study  W. Guo

Endovascular treatment of the ascending aorta – are there indications?  H. Krankenberg

Endovascular treatment of true ascending aortic aneurysms: The last endovascular frontier?  R. Kolvenbach

Endospan Nexus for zone 1 disease of the aortic arch  A. Holden

Why and how to wrap the dilated ascending aorta: Indications, contraindications, technical tips, and results  M. Lachat

Discussion and conclusion
### EVAR for aortic dissections, ruptured aneurysms, and aortic infections

**Moderators:** V. Riambau, F. Veith  
**Panel:** M. Malina, T. Köbel, M. Lachat, W. Guo, S. Seifert, D. Böckler

**Focus on aortic dissection management**

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<tr>
<th>Time</th>
<th>Topic</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>13:30 – 13:36</td>
<td>Results of early TEVAR in acute/subacute uncomplicated Type B dissection</td>
<td>D. Böckler</td>
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<tr>
<td>13:36 – 13:42</td>
<td>Morphologic changes in dissected aortas after TEVAR: Remodeling aortas</td>
<td>M. Lescan</td>
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<td>13:42 – 13:48</td>
<td>Factors indicating complication for a still uncomplicated Type B dissection</td>
<td>J. Brunkwall</td>
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<td>13:48 – 13:54</td>
<td>How to take care of the false lumen in chronic aortic dissection</td>
<td>T. Köbel</td>
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<td>13:54 – 14:00</td>
<td>Indicators for distal stent-graft induced new entry (SINE) &amp; controversial discussion and results</td>
<td>D. Böckler</td>
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<tr>
<td>14:00 – 14:06</td>
<td>Conventional surgery for Type A aortic dissection: What's new?</td>
<td>M. Borger</td>
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### Live case transmission from Münster

**Focus on management of ruptured aneurysms and aortic infections**

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<tr>
<th>Time</th>
<th>Topic</th>
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<tbody>
<tr>
<td>14:32 – 14:38</td>
<td>Clinical experience for the treatment of PAU</td>
<td>N. Tsilimparis</td>
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<tr>
<td>14:38 – 14:44</td>
<td>Ruptured AAA – open and endo are complementary and required</td>
<td>D. Böckler</td>
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<tr>
<td>14:44 – 14:50</td>
<td>TIPS and tricks for obtaining supraceliac aortic control with EVAR for ruptured AAAs: It is not simple</td>
<td>F. Veith</td>
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<td>14:50 – 15:00</td>
<td>Discussion and conclusion</td>
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### Symposium: Sac dynamics in EVAR: Why AAA sac regression matters

**Moderators:** V. Riambau, J.-P. de Vries  
**Panel:** M. Reijnen, H. Verhagen, G. Pratesi

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<th>Time</th>
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<tr>
<td>15:00 – 15:02</td>
<td>Introduction</td>
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<td>15:02 – 15:11</td>
<td>Why sac regression matters; how our experience with Endurant informs our practice</td>
<td>H. Verhagen</td>
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<td>15:11 – 15:20</td>
<td>How does Type II endoleaks and secondary interventions play a role in overall sac dynamics?</td>
<td>M. Reijnen</td>
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<td>15:29 – 16:00</td>
<td>Discussion and conclusion</td>
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| 16:00 – 18:00| Latest techniques for endovascular repair of thoracoabdominal aneurysms and management of aortic ruptured or infected aneurysms  
Moderators: E. Verhoeven, M. Borger  
Panel: T. Kölbel, R. Chiesa, D. Branzan, M. Lachat, W. Guo |
<p>| 16:00 – 16:05| When and how to treat patients with genetic aortic disorders by endovascular aortic techniques? T. Kölbel |
| 16:05 – 16:10| TAAA open repair: Updated results in the modern adjuncts era R. Chiesa |
| 16:10 – 16:15| Mortality/complications during waiting time for custom made grafts in more than 1,000 F&amp;B patients E. Verhoeven |
| 16:15 – 16:40| 3D aortic models for the urgent endovascular treatment of thoracoabdominal and juxtarenal aortic pathologies using physician modified stent-grafts D. Branzan |
| 16:40 – 16:45| Parallel grafts are the best way to treat ruptured complex (T)AAAs M. Lachat |
| 16:50 – 17:00| Recorded case presentation: Relay + 4-fenestration Anaconda case (edited) M. Lescan |
| 17:00 – 17:05| Endovascular repair of thoracoabdominal aortic aneurysms with a novel integrated multi-branched stentgraft – a first-in-man study W. Guo |
| 17:05 – 17:10| A simplified technique for transfemoral access to antegrade branches in complex aortic repair T. Kölbel |
| 17:10 – 17:15| Mechanical and clinical bridging stent-graft stability G. F. Torsello |
| 17:15 – 17:20| The usage of BX over SX covered stents to improve the clinical outcome in BEVAR E. Verhoeven |
| 17:20 – 17:25| Overview of current strategies to prevent spinal cord ischemia during endovascular TAAA repair C. Etz |
| 17:25 – 17:30| Segmental artery coil embolization to prime the spinal cord collateral network before EVAR: Concept and early results D. Branzan |
| 17:30 – 17:55| Live case transmission from Münster |
| 17:55 – 18:00| Discussion and conclusion |</p>
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<tr>
<td>08:00</td>
<td><strong>CLI and CTO summit – complex aortoiliac and femoral interventions</strong></td>
<td>with Sven Bräunlich live from Leipzig</td>
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<td><strong>Moderators:</strong> L. Garcia, P. Mwipatayi</td>
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<td><strong>Panel:</strong> P. Goverde, H. Krankenberg, S. Bartus</td>
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<td></td>
<td><strong>Flash presentation:</strong> Role for EVUS and IVUS in complex CLI revascularisation</td>
<td>J. Campbell</td>
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<tr>
<td>09:00</td>
<td><strong>Step by step algorithmic approach to optimize patients outcomes</strong></td>
<td>supported with an educational grant from Abbott Vascular</td>
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<td><strong>Moderator:</strong> L. Maene</td>
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<td><strong>Panel:</strong> E. Alejandre Lafont, G. Parlani, R. Langhoff</td>
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<td>09:00</td>
<td><strong>Opening</strong></td>
<td>L. Maene</td>
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<td>09:05</td>
<td><strong>Supera in CFA</strong>                                      <strong>E. Alejandre Lafont</strong></td>
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<td>09:15</td>
<td><strong>Supera for CTO – subintimal approach</strong> <strong>G. Parlani</strong></td>
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<td>09:25</td>
<td><strong>Supera for treatment of long dissections</strong> <strong>S. Bräunlich via satellite from Leipzig cathlab</strong></td>
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<td>09:35</td>
<td><strong>Supera in calcified lesions</strong> <strong>R. Langhoff</strong></td>
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<td>09:45</td>
<td><strong>Closing</strong></td>
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<td>10:00</td>
<td><strong>CLI and CTO summit – complex femoral and BTK interventions</strong></td>
<td>with Marco Manzi live from Abano Terme</td>
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<td><strong>Moderators:</strong> R. Langhoff, A. Micari</td>
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<td><strong>Panel:</strong> B. DeRubertis, A. R. Chandrashekar, G. Biamino</td>
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<td><strong>Flash presentations:</strong> Common femoral endovascular therapy: What we can learn from coronary intervention <strong>G. Chrysant</strong></td>
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<td>Bioresorbable technology for BTK arteries: Existing data and future trials <strong>B. DeRubertis</strong></td>
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<td>Utility of TCPO2 in managing critical limb threatening ischemia <strong>C. Bianchi</strong></td>
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</table>
The VEITHsymposium session: The use of ultrasound to facilitate complex endovascular techniques, minimize radiation exposure, and limit contrast material

Moderators: F. Veith, E. Ascher

Panel: N. Marks, S. Kum

11:00 – 11:07  Endovascular repair of popliteal artery aneurysms using duplex scan as the sole imaging technique: It is feasible, quick and more accurate than standard angiography  E. Ascher

11:07 – 11:14  The value of SFA gray scale medium in predicting successful crossings in CTOs and popliteal artery volume flow as a predictor successful SFA stenting  N. Marks

11:14 – 11:21  The utility of transcutaneous ultrasound to determine procedural endpoints – The BIO REACT study concept  K. Deloose

11:21 – 11:28  The use of ultrasound guidance for retrograde access  S. Kum

11:28 – 11:35  The value and limitations of transcutaneous ultrasound to guide challenging limb salvage procedures  M. Manzi via satellite from Abano Terme

11:35 – 11:42  Japanese experience with transcutaneous and intravascular ultrasound to guide peripheral interventions  H. Takimura

11:42 – 11:49  What can we learn from transcutaneous ultrasound to facilitate very distal and crossing of challenging CTOs  J. Mustapha

11:49 – 11:56  Opportunities of real-time 3D ultrasound using XL14-3 for guiding intervention in vascular disease  H. Sillesen


12:03 – 12:10  Can lower extremity acute arterial occlusions be treated under duplex guidance alone? YES!  N. Marks

12:10 – 12:30  Discussion and conclusion
   supported with an educational grant from Veryan
   Moderator: P. Gaines
   Panel: S. Carpenter, J. Kröger, M. Piorkowski, M. Lichtenberg
12:30 – 12:40  The Paclitaxel controversy: Where we are now  P. Gaines
12:40 – 12:50  Swirling Flow®: Nature’s alternative to drug elution  S. Carpenter
12:50 – 13:00  4D MRI evidence: Swirling Flow® is real   J. Kröger
13:00 – 13:10  BioMimics3D® in my clinical practice  M. Piorkowski
13:20 – 13:30  Discussion and conclusion

13:30 – 15:00  PAIRS@LINC – embolization: Techniques and indications
   Moderators: A. Al-Sibaie, U. Teichgräber
   Panel: M. Altwalah, M. Almoaiqel, K. Abd El Tawab, M. Aggour, M. Badran
13:30 – 13:38  Hemoptysis: Endovascular management  A. Al-Sibaie
13:38 – 13:46  Varicocele embolization  M. Altwalah
13:46 – 13:54  Fibroid embolization  M. Almoaiqel
13:54 – 14:02  Prostatic artery embolization: Experience from the Arab world  K. Abd El Tawab
14:02 – 14:10  Non-fibroid embolization (adenomyosis, Fallopian tube embolization, and pelvic congestion syndrome in the Middle East)  M. Almoaiqel
14:10 – 14:18  Endovascular management of epistaxis and iatrogenic traumas  M. Aggour
14:18 – 14:26  Lymphatic embolization: Basic to advanced  M. Badran
14:26 – 15:00  Discussion and conclusion

15:00 – 17:00  Pioneering techniques for critical limb ischemia and “no-option” patients
   with Marco Manzi live from Abano Terme
   with Andrej Schmidt live from Leipzig
   Moderator: G. Biamino
   Panel: A. Micari, H. Yokoi, O. Bakker
   Recorded case presentation: LimFlow procedure in end stage CLI  M. Manzi via satellite from Abano Terme
   Flash presentation:
   Perfusion assessment in CLI – current technologies  K. Mühlberg
   ByCross rotational artherectomy: technical aspects of a new device with a new philosophy  J. Teßarek
### Vascupedia@LINC

**Endoleaks – case-based solutions**

**Moderators:** G. Torsello, V. Riambau  
**Discussants:** M. Gargiulo, G. F. Torsello, R. Chiesa

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker(s)</th>
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<tr>
<td>10:00 – 10:15</td>
<td>Type Ia – decision making, treatment, tips &amp; tricks</td>
<td>M. Gargiulo</td>
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<tr>
<td>10:15 – 10:30</td>
<td>Type Ib – decision making, treatment, tips &amp; tricks</td>
<td>T. Bisdas</td>
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<td>10:30 – 10:45</td>
<td>Type II – decision making, treatment, tips &amp; tricks</td>
<td>G. F. Torsello</td>
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<tr>
<td>10:45 – 11:00</td>
<td>Conversion to open procedure – decision making, treatment, tips &amp; tricks</td>
<td>R. Chiesa</td>
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### VIVA@LINC: Strategies on the frontline –

**The year in review: Triumph or tragedy – my most surprising case of the past year and how it changed my approach**

**Moderator:** R. Kolluri  
**Discussants:** S. Lyden, W. Gray, L. Garcia, J. Rundback  
Aortic: S. Lyden  
Carotid: W. Gray  
Femoro-popliteal: L. Garcia  
Tibial-pedal: J. Rundback

This is topic-based session with illustrative cases. The speaker will present a recent case and go through a step-by-step approach with technical tips and advice on best management.
**Room 5 – Global Expert Exchange Forum**

**Thursday, 30 January 2020**

09:30 – 11:00

**Special course for nurses and technicians**

**Current concepts and new approaches in endovascular interventions**

Step-by-step review of techniques and data by leading interventional experts

*Moderators: S. Steiner, M. Montero-Baker*

**Focus on aorto-iliac obstructions**

09:30 – 09:37

Latest techniques for crossing of aortoiliac occlusions

*M. Ulrich*

09:37 – 09:44

Optimal reconstruction of the aortoiliac bifurcation – the CERAB technique

*P. Goverde*

**Focus on femoropopliteal arteries**

09:44 – 09:51

The controversy about Paclitaxel coated devices – latest evidence

*W. Gray*

09:51 – 09:58

The retrograde approach for complex femoropopliteal and BTK obstructions

*A. Fischer*

09:58 – 10:05

Vessel preparation in the SFA before PTA or stenting – the role of optimal balloon angioplasty, high pressure and focal force balloons

*E. Blessing*

10:05 – 10:12

Rotational and directional atherectomy devices: What works in which lesion?

*P. Krishnan*

10:12 – 10:19

DES vs. DCB in femoral arteries – what works best?

*S. Steiner*

**Focus on BTK arteries and CLI**

10:19 – 10:26

Calcification in BTK arteries and recanalisation techniques for CTOs

*J. Mustapha*

10:26 – 10:33

The role of stents and scaffolds in BTK vessels

*R. Varcoe*

10:33 – 10:40

The concept of deep venous arterialization for end-stage CLI – current status

*S. Kum*

10:40 – 11:00

Discussion and conclusion

11:30 – 12:30

**Orbital atherectomy hands-on training village for nurses and technologists:**

Understanding the challenges of calcium in PAD and treatment options with orbital atherectomy

*sponsored by Cardiovascular Systems, Inc and OrbusNeich*

**Learning objectives:**

– Orbital atherectomy dual mechanism of action for treating calcified lesions

– OAS device set-up and preparation

– Proper OAS device selection
Focus session: Advanced imaging concepts for guidance of peripheral recanalisation procedures

Moderators: J. van den Berg, K. Mühlberg

11:00 – 11:07 Angiography alone in the lower limb: First results comparing IVUS and angiography in the leg  K. Stavroulakis
11:07 – 11:14 Towards using tissue oxygen measurements across the continuum of care for CLI management  M. Montero-Baker
11:14 – 11:21 The use of OCT in peripheral interventions: Can the Clarity of this imaging system provide better, safer outcomes? Opportunities of real-time 3D ultrasound using XL14-3 for guiding intervention in vascular disease  H. Sillesen
11:21 – 11:28 Value of current parameters of hemodynamic adjustment of CLI patients  P. Schneider
11:28 – 11:35 Imaging the terra incognita of PAD: The microcirculation  J. Reekers
11:35 – 11:42 Blood volume measurements in critical foot ischemia during interventional revascularisation: Can we predict the outcome?  P. Huppert
11:42 – 11:49 Intraprocedural perfusion monitoring during lower extremity revascularisation: Outcomes from a novel system  M. Razavi
11:49 – 11:56 Use of hyperspectral imaging to determine CLI and the effect of revascularisation  J.-P. de Vries
11:56 – 12:03 Assessing the clinical utility of on-table tissue oxygen monitoring for endovascular revascularisation procedures  M. Brodmann
12:03 – 12:10 Case reviews of tissue oxygen monitoring during endovascular revascularisation: Experience at Dendermonde  K. Deloose
12:10 – 12:30 Discussion and conclusion

13:30 – 15:00 Special course for nurses and technicians

Current concepts and new approaches in endovascular interventions

Step-by-step review of techniques and data by leading interventional experts

Moderators: R. Langhoff, Michel Bosiers

Focus on endovascular aortic repair

13:30 – 13:37 Optimal imaging for procedural planning and guidance of procedures  G. F. Torsello
13:37 – 13:44 How to deal with difficult aortic necks – the interventional armamentarium  K. Donas
13:44 – 13:51 Branched endografts for thoracoabdominal aneurysms  M. van Sambeek
13:58 – 14:05 Radiation protection during endovascular procedures – focus on the eye lens  A. Gangl

Focus on venous interventions

14:05 – 14:12 Iliac vein recanalisation: When and how?  O. Schlager
14:12 – 14:19 Venous ulcers: The role of interventions in the venous system  R. Kolluri

Focus on embolization procedures

14:19 – 14:26 Principles of embolization techniques for bleeding, endoleaks and beyond  A. Holden
14:26 – 14:33 Coil embolization before EVAR and TEVAR: What is the rationale?  D. Branzan
14:33 – 15:00 Discussion and conclusion
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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>09:00 – 10:00</td>
<td><strong>Challenging cases and complications – renal/embolization/miscellaneous</strong></td>
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<td><strong>Moderators:</strong> U. Teichgräber, J. van den Berg</td>
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<tr>
<td>09:00 – 09:05</td>
<td>Life threatening hemorrhage after renal artery angioplasty  A. Kerzmann</td>
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<td>09:05 – 09:10</td>
<td>A challenging case: Transplanted kidney, stenosed renal artery and giant pseudoaneurysm  M. Ugurlucan</td>
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<td>09:10 – 09:15</td>
<td>Was there an error of judgment?  V. Serafimov</td>
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<td>09:15 – 09:20</td>
<td>Endovascular treatment of iatrogenic uterine artery pseudoaneurysm  H. Hemmati</td>
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<tr>
<td>09:20 – 09:25</td>
<td>Endovascular interventions to treat life and limb threatening vascular injuries in a complex paediatric pelvic fracture patient  K. K. Wong</td>
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<td>09:25 – 09:30</td>
<td>Sclerotherapy of lymphangioma in children: Report of 3 cases  S. Nagib</td>
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<td>09:30 – 09:35</td>
<td>Persistent Priapism: 3 cases treated with Geofoam embolization  G. Meirelles</td>
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<td>09:35 – 10:00</td>
<td>Discussion and conclusion</td>
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<td>10:00 – 11:00</td>
<td><strong>Innovation forum – EVAR/iliac/renal/venous/AV-access</strong></td>
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<td><strong>Moderators:</strong> A. Lobato, P. Goverde</td>
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<tr>
<td>10:00 – 10:05</td>
<td>Totally open repair of Type IV TAAA by de-branching each visceral artery and tube graft with prior thoraco-iliac conduit  M. Haggag</td>
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<td>10:05 – 10:10</td>
<td>Early results of a newly-designed multilayer flow modulator stent for residual dissection after proximal repair of Stanford Type A or Type B aortic dissection: A multicenter, prospective, randomized study  Z.-H. Xiao</td>
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<td>10:10 – 10:15</td>
<td>The utility of a novel distal protection system with an OPTIMO guiding catheter for the occluded lesion of the iliac artery  T. Taguchi</td>
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<td>10:15 – 10:20</td>
<td>Adventitial neuromodulating agents for renal denervation: Pharmacy vs. chemistry  K. Seward</td>
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<tr>
<td>10:20 – 10:25</td>
<td>The double parallel balloon angioplasty technique: A new approach for better result for treatment of symptomatic central vein stenosis in patients with haemodialysis fistulas  M. Ben Mrad</td>
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<td>10:25 – 10:30</td>
<td>Endovascular arteriovenous fistula (endoAVF) creation – comparing the 4F and 6F Wavelinq system for Hemodialysis access  T. Steinke</td>
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<td>10:30 – 10:35</td>
<td>Endovascular ‘Banding’ with angioplasty of forearm arteries: A new approach to manage dialysis-associated steal syndrome  A. Lagha</td>
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<td>10:35 – 10:40</td>
<td>Percutaneous endovascular arteriovenous fistula creation for hemodialysis access using “off-the-shelf” conventional devices  M. Lobato</td>
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<tr>
<td>10:40 – 10:45</td>
<td>Real time evaluation of blood flow patterns of AAA depending on intra-aneurysmal thrombosis using AneurysmFlow  J. Y. Kim</td>
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<tr>
<td>10:45 – 11:00</td>
<td>Discussion and conclusion</td>
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</table>
11:00 – 12:30  **Challenging cases and complications – CLI/BTK**  
*Moderators: L. Palena, L. Garcia*

11:00 – 11:05  Standardizing zero contrast CLI angioplasty in CKD: From aorta to tibials  *P. Michael*

11:05 – 11:10  Utility of alternative access in complex CLI revascularisation  *J. Campbell*

11:10 – 11:15  “TurboCat” (Laser+Penumbra) Technique for ALI and non-ALI peripheral arterial disease interventions  *K. Madassery*

11:15 – 11:20  Combined arterial revascularisation, free-flap transfer, and rehabilitation program for limb salvage in patients with major tissue loss from chronic limb threatening ischemia  *S. Hahtapornsawan*

11:20 – 11:25  Anterior tibial artery to anterior tibial vein deep vein arterialization for limb salvage  *K. Madassery*

11:25 – 11:30  Application of retrograde pedal access, transcollateral and pedal-plantar loop approach in a young CLI patient with all BTK total occlusions  *J.-H. Lee*

11:30 – 11:35  Hybrid open-endovascular thrombectomy of the lower limb for acute limb ischemia combining standard Fogarty balloon thrombectomy and the use of the Indigo system  *G. Coppi*

11:35 – 11:40  Case of acute digital artery occlusion in upper extremities, treated with fibrinolytic treatment  *K. Horie*

11:40 – 11:45  Hybrid approach utilizing balloon angioplasty may be the only solution to salvage the upper limb after multiple surgical interventions  *M. Mabrouk*

11:45 – 11:50  Unique technique for treatment of critical hand ischemia  *A. Bahro*

11:50 – 12:30  Discussion and conclusion
**Innovation forum – PVD/SFA/BTK**

*Moderators: W. Gray, M. Montero-Baker*

12:30 – 12:35  Endovascular extra-anatomic femora-popliteal bypass for limb salvage in chronic critical limb ischemia  
*G. Angelopoulos*

12:35 – 12:40  MicroNET-Covered Self-EXPandable STent In High-Risk Vascular Lesions Beyond The Carotid Bifurcation: The EXTRA-GUARD study  
*P. Musialek*

12:40 – 12:45  Natural Vascular Scaffolding (NVS) to restore and maintain femoropopliteal luminal patency in Peripheral Arterial Disease (PAD)  
*W. Gray*

12:45 – 12:50  Temporal reverse flow by proximal femoral artery occlusion during drug-coated balloon dilatation: A significant technique to minimize downstream particle embolization and systemic adverse effects  
*M. Kimura*

12:50 – 12:55  The technology behind SELUTION SLR: The first limus-eluting DEB for treating lesions PAD  
*J. Shulze*

12:55 – 13:00  Magic touch Sirolimus coated balloon: Coating technology and clinical trial programme  
*D. Scheinert*

13:00 – 13:05  Novel technique to cross infrapopliteal artery chronic total occlusions  
*B. Purushottam*

13:05 – 13:10  Proximal DVA using the venous arterialization simplified technique (VAST) approach  
*A. Ysa*

13:10 – 13:15  First in man results from a novel device providing real time, quantitative feedback on tissue perfusion during peripheral intervention  
*P. Hayes*

*M. Brodmann*

13:20 – 13:25  Continuous monitoring of tissue oxygen dynamics during endovascular revascularisation provides functional assessment that would be missed by discrete measurements at start and end  
*M. Werner*

13:25 – 13:30  Discussion and conclusion
### Challenging cases and complications – PVD/femoral/popliteal (part II)

**Moderators:** P. Krishnan, M. Thieme

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<th>Presenter(s)</th>
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<tr>
<td>13:35 – 13:40</td>
<td>Successful removal of a fractured catheter tip using 0.014 inch wires during heavily calcified femoropoliteal artery intervention</td>
<td>H.-S.Kim</td>
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<tr>
<td>13:40 – 13:45</td>
<td>Relining of gardener’s stent fracture (Supera stent fracture) in popliteal artery</td>
<td>J. K. Kim</td>
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<tr>
<td>13:45 – 13:50</td>
<td>Acute limb ischemia caused by thrombotic occlusion of a persisting sciatic artery</td>
<td>D. Kretzschmar</td>
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<td>13:50 – 13:55</td>
<td>Successful endovascular treatment of an acute thrombosed popliteal aneurysm</td>
<td>M. P. Lamarca Mendoza</td>
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<td>13:55 – 14:00</td>
<td>“Distal” hybrid intervention in case of diffuse atherosclerosis of femoral-popliteal zone in patient with critical limb ischemia</td>
<td>O. Oganesyan</td>
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<tr>
<td>14:00 – 14:05</td>
<td>Challenging contralateral femoral access throughout a chronically occluded right iliac-femoral arterial axis for endovascular treatment of long left superficial femoral artery occlusion</td>
<td>A. Silvestro</td>
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<tr>
<td>14:05 – 14:10</td>
<td>The downside of closure devices</td>
<td>G. Chrysant</td>
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<tr>
<td>14:10 – 14:15</td>
<td>Urgent endovascular therapy for dislodged angio-seal arterial closure devices; including intravascular ultrasound and angioscopy imaging of dislodged angio-seal</td>
<td>N. Ito</td>
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<tr>
<td>14:15 – 14:20</td>
<td>Incidence, predictors and prognostic implications of hospitalization for late bleeding after endovascular therapy</td>
<td>K. Hishikari</td>
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<tr>
<td>14:20 – 14:25</td>
<td>On-site modified sheath to overcome the undesirable catheterization of the profunda femoral artery during antegrade femoral access</td>
<td>M. Lobato</td>
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<tr>
<td>14:25 – 14:30</td>
<td>Eximo medical’s (an AngioDynamics Inc. company) B-Laser™ experience without GW</td>
<td>W. Kuczmik</td>
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<tr>
<td>14:30 – 14:35</td>
<td>Hybrid management for common femoral artery (CFA) disease</td>
<td>A. Sayed</td>
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<td>14:35 – 14:40</td>
<td>Peculiar case of popliteal entrapment syndrome</td>
<td>E. Peretti</td>
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<tr>
<td>14:40 – 15:00</td>
<td>Discussion and conclusion</td>
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</table>
09:30 – 11:00  Challenging cases and complications – EVAR general/infrarenal (part I)

Moderators: F. Moll, S. Botsios

09:30 – 09:35 Recanalisation of chronic iliac artery occlusion, with EVAR-IBE and TEVAR for aortoiliac aneurysms after previous open repair of Type II thoracoabdominal aortic aneurysm A. El-Bakr

09:35 – 09:40 Iliac conduit construction without vascular control: An alternative access for bail-out stent grafting to salvage failed IBD implantation with retained delivery system K. Hongku

09:40 – 09:45 Percutaneous puncture of angioplasty balloon for creating an access route for endovascular aortic aneurysm repair M. Inagaki

09:45 – 09:50 Ease of deployment of the TREO stent-graft: Value in resident training B. Rylski

09:50 – 09:55 EVAR in a case of infrarenal abdominal aortic pseudoaneurysm – salvaged by indigenous modification of EVAR technique and on table device modification S. Kumar

09:55 – 10:00 Sequentially treated both internal iliac aneurysms with stenting and coiling method via endovascular approach S. Oh

10:00 – 10:05 Chimney EVAR with 10 complication J. Kojuri

10:05 – 10:10 Bail out procedure for juxtaaortic cuff dislocation during transcatheter aortic valve implantation after endovascular repair for ruptured aortic aneurysm R. Kopp

10:10 – 10:15 Endovascular solutions for maldeployment of contralateral limb in EVAR. Tips and tricks to avoid open conversion S. Koussayer

10:15 – 10:20 An unusual case of delayed complete aortic graft occlusion treated by kissing balloon expandable covered stents and renal chimney C. Panzano

10:20 – 10:25 Total laparoscopic inferior mesenteric artery ligation and direct sac puncture embolization technique for treatment of Type II endoleak E. San Norberto-Garcia

10:25 – 10:30 Management of an AAA with obstructive uropathy by EVAR using 20ml of contrast A. Sayed

10:30 – 10:35 Ilio-renal endovascular bypass: An innovative technique to preserve an accessory renal artery in endovascular abdominal aortic repair (EVAR) C. Tello-Diaz

10:35 – 10:40 Increased use of open aortic surgery for the management of AAA given the long term failure rate of existing grafts A. Baqai

10:40 – 11:00 Discussion and conclusion
### Challenging cases and complications – EVAR general/infrarenal (part II)

**Moderators:** F. Vermassen, H. Verhagen

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<th>Time</th>
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<tr>
<td>11:00</td>
<td>Unexpected mid-term results after endovascular aneurysm sealing</td>
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<td>11:05</td>
<td>Recurrence mycotic aneurysm after successful EVAR, good imaging does not mean good result</td>
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<tr>
<td>11:10</td>
<td>Endovascular management of iliocaval fistula using stent-graft and vascular plug</td>
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<td>11:15</td>
<td>Retrograde fenstration of inadvertently deployed overbifurcation stent graft</td>
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<td>11:20</td>
<td>A challenging case of a leaking bypass graft following open aortic aneurysm repair in a patient with iodine contrast allergy successfully relined with EVAR stent graft using carbon dioxide angiography</td>
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<tr>
<td>11:25</td>
<td>Cardio-circulatory breakdown by rupture of iliac aneurysm: The endovascular solution to survive</td>
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<td>11:30</td>
<td>Endovascular treatment of an abdominal aortic aneurysm with a very narrow lumen using an iliac branch device</td>
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<tr>
<td>11:35</td>
<td>Complex endovascular aortic aneurysm repair of juxtarenal abdominal aortic aneurysm (JRAA) with concomitant aortoiliac occlusion: A single stage procedure</td>
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<tr>
<td>11:40</td>
<td>Colt as a rescue device for failed EVAS</td>
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<tr>
<td>11:45</td>
<td>Physician-modified endografts (PMEG) for endovascular treatment of hostile AAA</td>
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<td>11:50</td>
<td>LASER-MADE (in situ laser fenestration) for treatment endoleak Type 1A</td>
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<tr>
<td>11:55</td>
<td>Endovascular options of treating iliac aneurysm</td>
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<tr>
<td>12:00</td>
<td>Treatment of complex visceral and iliac aneurysms with endografts</td>
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<td>12:05</td>
<td>Trouble shooting after iliac side branch implantation</td>
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<tr>
<td>12:10</td>
<td>Discussion and conclusion</td>
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</tbody>
</table>

### Challenging cases and complications – visceral

**Moderators:** O. Bakker, E. Alejandre Lafont

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>12:30</td>
<td>A case of rapidly expanding superior mesenteric artery aneurysm in a patient with systemic lupus erythematosus and antiphospholipid syndrome</td>
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<tr>
<td>12:35</td>
<td>Endovascular management of massive hemobilia due to cystic artery pseudoaneurysm following laproscopic cholecystectomy</td>
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<tr>
<td>12:40</td>
<td>Venous sac embolization for huge arteriovenous malformation around pancreas with AV shunt approach</td>
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<tr>
<td>12:45</td>
<td>Emergency treatment of ruptured giant splenic artery aneurysm after endovascular approach</td>
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<td>12:50</td>
<td>Endovascular management of a giant aneurysm of the Celiac Trunk</td>
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<tr>
<td>12:55</td>
<td>Clinical outcomes of endovascular intervention and open surgical repair for mesenteric ischemia</td>
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<tr>
<td>13:00</td>
<td>Complex interventions in abdominal aorta and its branches in children with Takayasu arteritis</td>
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<tr>
<td>13:05</td>
<td>Management of mesenteric ischemia in contaminated peritoneal cavity by using reimplantation of SMA and ilio mesenteric bypass by using reversed femoral vein graft</td>
</tr>
<tr>
<td>13:10</td>
<td>Discussion and conclusion</td>
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</tbody>
</table>
Critical issues and pioneering solutions in aortic endografting
- with Andrej Schmidt live from Leipzig
- with Martin Austermann live from Münster
Moderator: G. Torsello
Panel: M. Lachat, M. Malina, R. Ghotbi, A. Lobato, F. Vermassen, D. Böckler
Endovascular management of traumatic aortic injuries:
- Challenges and solution  S. Kumar
- Successful treatment of post-traumatic arch pseudoaneurysm with fenestrated custom-made TEVAR  J. Sousa
Endovascular treatment of aortic injury following thoracic spinal surgery:
- Case report and literature review  B. Marinelli Teixeira
A new era of CO2 imaging just started  S. Seifert
Role of cone beam CT in the treatment of ruptured AAA – are we ready to go?  D. Böckler
Emergency intervention for retrograde Type A acute aortic dissection with PETTICOAT technique  Y. Kobayashi
Infected TEVAR, FEVAR, and BEVAR – open surgery reloaded  P. Kasprzak
Aortocaval fistula: A rare but lethal entity  T. Shah
Join us for brunch, served from 08:45am until 11:00am

09:00 – 13:00

“Great saves and big disasters” –
Review of challenging cases and complications
■ with Andrej Schmidt live from Leipzig
Moderators: G. Biamino, J.-P. de Vries
Panel: S. Sixt, A. Micari, H. Krankenberg, D.-D. Do, S. Lyden
Announcement of the winners of the LINC 2020 poster award

Peripheral
Review of a large series of endovascular stuck catheter removal adopting
a personal combination of techniques  G. Saracino
Management of vascular complications during TAVI  M. Roffi
Endovascular therapy for CFA disease: Case presentation and discussion of data
B. DeRubertis
Management of popliteal aneurysms, bypass vs. stenting  M. Martin
Endovascular repair of a large pseudoaneurysm of anterior tibial artery
following total knee replacement  A. Khan
Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>13:00 – 14:30</td>
<td><strong>Moderated poster round in front of Main arena 1</strong>&lt;br&gt;Jurors: R. Bulbulia, K. Brachmann</td>
</tr>
</tbody>
</table>
| 13:00 – 13:05 | Rare case of successful endovascular treatment of superior vena cava syndrome caused by Ormond’s disease  
*M. Chernyavskiy* |
| 13:05 – 13:10 | Venoplasty and stenting of iliac vein in two patients with severe iliac vein stenosis resulting from diffuse pelvic mass  
*S. Zarrintan* |
| 13:10 – 13:15 | A real world experience of endovascular treatment in deep vein posttrombotic syndrome, 9 year follow-up and reintervention history – a single case report  
*V. Zaiceva* |
*E. Soydan* |
| 13:20 – 13:25 | Angioplasty of left iliac vein by technique parallel balloon  
*A. Rai* |
| 13:25 – 13:30 | Novel approaches in the endovenous management of massive ilio-femoral DVT  
*B. Purushottam* |
*A. Koledinskii* |
| 13:35 – 13:40 | Endovascular management of thrombosed AVG and AVF  
*M. Ismail* |
| 13:40 – 13:45 | Complications of portacath how to snare broken part without a snare  
*M. Ismail* |
| 13:45 – 13:50 | Combining catheter directed thrombolysis with endovenous stenting in a case of central venous stenosis for successful outcome: A case report  
*N. Bhalla* |
*H. Araki* |
| 13:55 – 14:00 | Pneummbra Indigo deceive thrombectomy in thrombosed SVC and left brachiocephalic vein  
*A. Al Qahtani* |
| 14:00 – 14:05 | Arteriovenous fistula (AVF) steal syndrome: A minimally invasive treatment  
*M. Giusti* |
| 14:05 – 14:10 | Acute distal ischemia of the left upper limb treated by indigo thrombus aspiration system combined with local-regional thrombolysis  
*F. Intrieri* |
| 14:10 – 14:15 | Hybrid open/endovascular approach to seal with a covered stent a reentry tear in left common carotid artery in a patient with acute Type A aortic dissection  
*M. A. Ruffino* |
| 14:15 – 14:20 | Neck and upper extremity pseudoaneurysms  
*N. Algharem* |
| 14:20 – 14:25 | Endovascular treatment of an incidental subclavian artery aneurysm using a balloon expandable BeGraft aortic covered stent  
*B. Huasen* |
| 14:25 – 14:30 | Reconstruction of left subclavian artery using carotid technology  
*B. Huasen* |
Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

15:00 – 16:40

Moderated poster round in front of Main arena 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>15:00</td>
<td>Are drug coated balloon effective in the treatment of hemodialysis vascular access?</td>
<td>M. Serna</td>
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<tr>
<td>15:05</td>
<td>The COVERA stentgraft for the treatment of recurrent cephalic arch stenosis in hemodialysis accesses</td>
<td>T. Steinke</td>
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<tr>
<td>15:10</td>
<td>Facilitated catheter directed thrombectomy of acute pulmonary emboli a new facilitated regimen; preliminary results of an ongoing study</td>
<td>E. Soydan</td>
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<tr>
<td>15:15</td>
<td>Role of VAC assisted therapy in treatment of post phlebetic ulcers</td>
<td>H. Sharaf ElDin</td>
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<tr>
<td>15:20</td>
<td>Evaluating the response to treatment of central venous stenosis or obstruction by balloon angioplasty in patients with hemodialysis</td>
<td>A. Saroukhani</td>
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<tr>
<td>15:25</td>
<td>Percutaneous pharmaco-mechanical thrombectomy of acute symptomatic superior mesenteric vein thrombosis</td>
<td>P. Rabuffi</td>
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<tr>
<td>15:30</td>
<td>Comparative analysis of stenting and hybrid operations in patients with postthrombotic syndrome</td>
<td>I. Popova</td>
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<tr>
<td>15:35</td>
<td>Laser crossectomy vs. anterior accessory vein laser ablation in treating anterior accessory vein reflux</td>
<td>M. Nagib</td>
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<tr>
<td>15:40</td>
<td>Short term outcomes and complications of patients with intermediate-high or high risk pulmonary embolism treated with percutaneous ultrasound-assisted catheter-directed thrombolysis</td>
<td>F. Klein</td>
</tr>
<tr>
<td>15:45</td>
<td>Single session rheolytic thrombectomy to treat acute deep vein thrombosis: Early and midterm results of a multi-center prospective Zelé registry</td>
<td>C. del Giudice</td>
</tr>
<tr>
<td>15:50</td>
<td>Impact on deep vein thrombosis with the use of thromboaspiration devices vs. manual</td>
<td>R. Costantini</td>
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<tr>
<td>15:55</td>
<td>Venous insufficiency and ulceration in South India</td>
<td>N. R. Pradhan</td>
</tr>
<tr>
<td>16:00</td>
<td>Aspiration and mechanical thrombectomy for acute deep venous thrombosis</td>
<td>A. Hilles</td>
</tr>
<tr>
<td>16:05</td>
<td>Hybrid management of acute deep vein thrombosis in the iliocaval vein. Eliminating once and for all the anatomical occlusion-stenosis</td>
<td>L. Alvarado</td>
</tr>
<tr>
<td>16:10</td>
<td>VasQ support device is associated with improved post-operative vein diameter in radio-cephalic arterio-venous fistula</td>
<td>G. Derone</td>
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<tr>
<td>16:15</td>
<td>Efficacy of the transjugular approach in the endovascular intervention for hemodialysis access</td>
<td>J. G. Gwon</td>
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<tr>
<td>16:20</td>
<td>Treatment of hemodialysis arteriovenous graft thrombosis by thrombectomy and high-pressure venoplasty: A hybrid approach</td>
<td>S. Zarrintan</td>
</tr>
<tr>
<td>16:25</td>
<td>Does intravascular visualization help in carotid artery stenting?</td>
<td>M. Chernyavskiy</td>
</tr>
<tr>
<td>16:30</td>
<td>The clinical characteristics and outcomes of carotid body tumors in Chinese patients: A population-based study</td>
<td>L. Yang</td>
</tr>
<tr>
<td>16:35</td>
<td>The use of CGuard stents; U. K. experience</td>
<td>S. D’Souza</td>
</tr>
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</table>

Original research: Venous, AV-fistulae, AV-shunt, carotid
Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

**09:00 – 10:35**  
**Moderated poster round in front of Main arena 1**  
*Jurors: R. Beasley, R. Ferraresi*  
**Original research: BTK, CLI, femoral**

- **09:00 – 09:05**  
  First-line treatment in case of acute below-the-knee graft occlusion: Hybrid technique vs. endovascular only procedures  
  *P. Scrivere*

- **09:05 – 09:10**  
  Clinical and angiographic results of high pressure non-compliant balloon angioplasty for long tibial lesions  
  *C. Ünlü*

- **09:10 – 09:15**  
  Spatial analysis of the incidence of lower limb amputations in patients with peripheral vascular disease in the state of Paraná – Brazil  
  *R. Franco*

- **09:15 – 09:20**  
  Wound healing after tibial angioplasty in chronic limb threatening ischemia with diabetic foot ulcers  
  *M. Abd El Mageed*

- **09:20 – 09:25**  
  12-month patency post directional atherectomy in infringuinal arteries – an Australian quaternary center experience  
  *Q. Tran*

- **09:25 – 09:30**  
  Clinical outcomes and predictors of vessel patency after endovascular therapy using drug-coated balloon for femoro-popliteal artery disease  
  *Y. Tomoi*

- **09:30 – 09:35**  
  Usage of contemporary drug-eluting stent by japanese interventional radiologists for femoropopliteal in-stent restenosis lesions – COMBAT-ISR study – UMIN000036174  
  *K. Takayama*

- **09:35 – 09:40**  
  The impact of FAilure VIABAHN for femORopoplITeal lesions TRIAL (FAVORITE TRIAL)  
  *K. Suzuki*

- **09:40 – 09:45**  
  One year outcome of patients treated with the Passeo-Lux paclitaxel eluting balloon for femoro-popliteal artery disease  
  *A. Silvestro*

- **09:45 – 09:50**  
  Endovascular recanalisation with stenting versus remote endarterectomy in long occlusions of SFA: Comparison of results after 24 months  
  *S. Shoraan*

- **09:50 – 09:55**  
  Endovascular treatment versus femoropopliteal bypass surgery outcomes for TASC II C lesions of the superficial femoral artery  
  *O. Saydam*

- **09:55 – 10:00**  
  Retrograde popliteal approach with total SFA occlusion for revascularisation of critical limb ischemia  
  *S. Nagib*

- **10:00 – 10:05**  
  Predictors of restenosis following endoluminal bypass implantation for femoro-popliteal lesions  
  *H. Miyashita*

- **10:05 – 10:10**  
  Endovascular treatment of femoropopliteal disease with Supera stent: A real-world experience  
  *J. Moreno Escobar*

- **10:10 – 10:15**  
  Intravascular lithotripsy in calcified, femoropopliteal and crural lesions: Real-world single-center experience  
  *D. Kretzschmar*

- **10:15 – 10:20**  
  6- and 12-month results of the Paclitaxel-eluting Eluvia stent for long femoropopliteal lesions in Asian patients with predominantly chronic limb-threatening ischemia  
  *J. Ipema*

- **10:20 – 10:25**  
  Results of revascularisation long steno-obstructive lesions of the femoropopliteal segments (TASC II C, D) by Supera biomimetic stent  
  *A. Gostev*

- **10:25 – 10:30**  
  6-month outcome of distal emboli due to Paclitaxel-coated balloon in femoropopliteal artery. ‘Analysis with a laser-doppler-flowmetry’  
  *K. Fukai*

- **10:30 – 10:35**  
  Below-the-knee arterial lesions: Comparison of clinical outcomes of patients with drug-eluting balloon deployed with or without severe calcification  
  *B. Teymen*
Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

11:00 – 12:25

**Moderated poster round in front of Main arena 1**

*Jurors: L. García, L. Palena*

**Original research: Femoral, SFA**

11:00 – 11:05
Popliteal artery stenting is a controversial treatment, a study analysis
*A. Elmarakby*

11:05 – 11:10
Double lumen balloon to cross long chronic total occlusions
*C. del Giudice*

11:10 – 11:15
Use of Viabahn stentgraft for the treatment of iatrogenic arterial complications in the ilio-femoral territory
*C. Castro Ávila*

11:15 – 11:20
Comparison of outcomes in patients undergoing rotational atherectomy and drug coated balloon therapy in treatment of chronic total occlusion lesions of peripheral arterial diseases
*M. O. Ulukan*

11:20 – 11:25
Endoluminal bypass for severe calcified femoro-popliteal lesions
*K. Tobita*

11:25 – 11:30
Long-term outcomes after plain balloon angioplasty in combination with or without crosster catheter for popliteal lesions with eccentric calcified nodules
*T. Shimada*

11:30 – 11:35
Outcome of spot stenting strategy using drug-coated balloon for femoropopliteal lesions
*Y. Shima*

11:35 – 11:40
Retrograde approach for challenging occlusions of the femoral-popliteal arteries
*H. Sharaf El Din*

11:40 – 11:45
Single center experience with Tigris® stent in critical limb ischemia patients
*S. Gordillo*

11:45 – 11:50
Endovascular treatment of the common femoral artery using the Phoenix atherectomy device
*S. Giusca*

11:50 – 11:55
Retrospective analysis of 200 cases of superficial femoral artery disease
*D. Dekiwadia*

11:55 – 12:00
Angiogenic stimulation by blood flow restricted training – an innovative approach to post-interventional rehabilitation of patients with lower limbs ischemia
*J. Krezel*

12:00 – 12:05
The technology of recanalisation and implantation of Supera stent with shoulder access for tandem lesions of the common femoral artery and external iliac artery in the endovascular and hybrid interventions
*A. Karpenko*

12:05 – 12:10
Endografts of peripheral arterial aneurysms in Egyptian patients with Behcet’s disease
*H. Sharaf El Din*

12:10 – 12:15
Impact of scoring balloons on percutaneous transluminal angioplasty outcomes in femoropopliteal lesions
*K. Horie*

12:15 – 12:20
2-year mortality of patients with pad treated by Paclitaxel-coated balloon vs. plain balloon angioplasty: Retrospective, single center results
*D. H. L. Bail*

12:20 – 12:25
Re-entry catheter for chronic total occlusions of SFA: Single centre experience
*P. Bonanno*
Moderated poster round in front of Main arena 1

Jurors: B. DeRubertis, M. Menard

Challenging cases: Femoral

13:00 – 13:05 Two different ways of successful bail out from thrombotic occlusion of VIABAHN stents implanted in SFA CTO lesion  M. Yamasaki

13:05 – 13:10 The utility of pressure wire-guided EVT for diffuse and tandem lesions of the superficial artery  S. Tsuda


13:15 – 13:20 Efficacy of the CROSSER system for multiple lesion flossing with subsequent angioplasty to modify heavily calcified lesions in common femoral artery (CRASH)  N. Satoru


13:25 – 13:30 Where to put sheath in when neither ipsilateral CFA nor contralateral CFA is possible?  W. Pitaksantayothin


13:35 – 13:40 Puncture of expanded balloon in the sub-intimal lumen using re-entry device successfully revascularise the femoropopliteal occlusion  T. Nakai

13:40 – 13:45 Surgical and endovascular treatment of persistent sciotic artery syndrome  S. Nagib

13:45 – 13:50 Endovascular therapy for superficial femoral artery occlusion under ultrasound guidance with radial approach  S. Mori

13:50 – 13:55 Recanalisation in femoropopliteal territory after several open treatments  A. P. Mollon

13:55 – 14:00 A case with severely calcified CFA stenosis which was optimally revascularised using X-ray guided needle penetration and CROSSER  Y. Matsubara

14:00 – 14:05 A 85-year-old woman with recurrent right leg pain; treated by repeated mechanical thrombectomy  J.-H. Lee

14:05 – 14:10 Endovascular treatment of access site pseudoaneurysms with the use of n-butyl-2-cyanoacrylate  A. Kiselew

14:10 – 14:15 Percutaneous mechanical thrombectomy with Casper CAS system in patients with acute upper limb ischemia  A. Kiselew

14:15 – 14:20 Challenging vascular access for the left superficial femoral artery angioplasty in patient underwent the right to left femorofemoral bypass surgery for the left iliac artery occlusion  H.-S. Kim

14:20 – 14:25 A successful case of catheter-directed thrombolysis in a patient with acute thrombosis of Paclitaxel eluting stents ELUVIA in SFA CTO with poor runoff  T. Kido

14:25 – 14:30 A case with true deep femoral artery aneurysm who successfully underwent restoration using stent-grafts  N. Ikmeura

14:30 – 14:35 Idiopathic infected pseudoaneurysm of the popliteal artery demonstrating the need for follow-up in the late postoperative period  J. Silva

14:35 – 14:40 Direct vein bypass puncture as an alternative in patients with difficult access in peripheral vascular interventions: Report of 2 cases  J. Ebaugh

14:40 – 14:45 Fractured Supera stent in the popliteal artery, how frequently is it reported?  O. Eldergash

14:45 – 14:50 Pulsating masses in the groins: Bilateral anastomotic pseudoaneurysms with successful surgical reconstruction therapy  M. Akin

14:50 – 14:55 Rotational atherectomy after vascular surgery – case report  A. C. Silveira

14:55 – 15:00 Aneurysmal changes from drug coated balloon angioplasty in femoro-popliteal arterial disease  B. Purushottam
Electronic posters will be displayed from 08:00 – 18:00
in front of Main arena 1

15:15 – 16:25 Moderated poster round in front of Main arena 1
Jurors: D.-D. Do, G. Adams
Original research and challenging cases: PVD, CLI
15:15 – 15:20 Endothelial functions changes as predictors of endovascular treatment outcomes?  
M. Schönborn
15:20 – 15:25 Ultrasound-guided thrombin injection for treatment of iatrogenic femoral artery pseudoaneurysms compared with open surgery:
First experiences from a single institution  
O. Saydam
15:25 – 15:30 Ultrasound guided hemostatic agent injection for treatment of femoral pseudoaneurysms: Focus on size of the sheath on pseudoaneurysm diameter  
C. Maturi
15:30 – 15:35 Radial plus ipsilateral femoral approach tends to reduce periprocedural bleeding after percutaneous interventions for iliac artery chronic total occlusion  
Y.-H. Yoon
15:35 – 15:40 Evaluation of a novel thyroid collar designed for increased reduction of head and neck exposure during x-ray guided interventions  
M. Larsson
15:40 – 15:45 Effect of successful revascularisation on left ventricular diastolic dysfunction in patients with aortoiliac occlusive disease  
W. Kim
15:45 – 15:50 The use of subcutaneous Bicarbonate solution and Lidocaine in endovascular cases  
B. Huasen
15:50 – 15:55 Vascular access in the elderly  
H. Hayeq
15:55 – 16:00 Evolution in iatrogenic pseudoaneurysm treatment, a single-center experience  
S. Gordillo
16:00 – 16:05 Endovascular options in upper extremity acute arterial occlusion treatment  
I. Semin
16:05 – 16:10 Manual modified 0.014 catheters for infrapopliteal intra-arterial thrombolysis in acute limb ischemia  
B. Purushottam
16:10 – 16:15 A failed deep venous arterialization performed without dedicated devices  
S. W. Park
16:15 – 16:20 Endovascular management of acute ischemia secondary to antiphospholipid syndrome that associates severe hematological disorders  
A. Martin Álvarez
16:20 – 16:25 A challenging surgery for limb salvage after brachial artery injury  
A. Khalil
Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

09:00 – 10:00 Moderated poster round in front of Main arena 1
Jurors: P. Kasprzak, F. Vermassen

Challenging cases: EVAR (part I)

09:00 – 09:05 The rare case of nickel allergy after endovascular treatment K. Zvereva
09:05 – 09:10 IgG4-related retroperitoneal fibrosis in vascular surgeon practice K. Zvereva
09:10 – 09:15 In situ fenestration for celiac trunk vessel preservation during TEVAR M. Sharafutdinov
09:15 – 09:20 Type I endoleak treated with customized proximal cuff C. Quintero-Pérez
09:20 – 09:25 A Type B dissection challenging case E. Peretti
09:25 – 09:30 An AFX bifurcated unibody endograft in extremely severe narrowing of distal aortic bifurcation S. Orrapin
09:30 – 09:35 Review of increase in complication rates in the early experience of endovascular aneurysm sealing system Nellix, in a regional vascular center in Hong Kong W. K. Ng
09:35 – 09:40 Correction of juxtarenal abdominal aortic aneurysm with fenestrated Anaconda endoprosthesis: 5-year follow-up A. Moraes
09:40 – 09:45 Branch associated with chimney technic to treat thoraco-abdominal aortic aneurysms G. Meirelles
09:45 – 09:50 Successful endovascular management of an aortocaval fistula A. Mathew
09:50 – 09:55 Challenges of Pheochromocytoma during Endovascular of Abdominal Aortic Aneurysm Repair (EVAR) – a case report R. Makar
09:55 – 10:00 Self-expandable stents for acute Type B aortic dissection N. Kuzmin
Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

Moderated poster round in front of Main arena 1

Jurors: M. Malina, R. Varcoe

Challenging cases: EVAR (part II)

11:00 – 11:05 Type IIa endoleak 2 year post EVAR with expansion of aneurysm  J. Kojuri

11:05 – 11:10 The difficulties in treatment for patient with aortocaval fistula: A case report  S.-Y. Kim

11:10 – 11:15 Use of iliac branch device with prior open surgical repair to preserve internal iliac artery flow during endovascular abdominal aortic repair  W. Kim

11:15 – 11:20 Challenging T-Branch for Type IV TAAA with unsuitable anatomy. Can we tame the monster?  M. Haggag

11:20 – 11:25 Interventional repair of a vascular aneurysm in a patient with Marfan syndrome  M. Ghonem

11:25 – 11:30 EVAR in aorto-enteric fistula  M. A. Fabiani

11:30 – 11:35 Treatment of challenging AAA neck with EVAR combined with E-XL nitinol stent  R. Dammrau

11:35 – 11:40 The multidisciplinary approach in treatment patient with aortic aneurysms and cancer  M. Chernyavskiy

11:40 – 11:45 Clinical case of successful acute aortic dissection of debakey Type III treatment complicated with rupture and massive left hemotherax  M. Chernyavskiy

11:45 – 11:50 New endovascular solution in the treatment of complex pararenal aneurysms  F. Benedetto

11:50 – 11:55 Complex Type III endoleak in long-term FEVAR treated with thoracic endoprosthesis  C. Quintero-Pérez

11:55 – 12:00 Delayed ischemia colitis after surgery for Type A acute aortic dissection: A night mare  S. Nguyen

12:00 – 12:05 Pigtail catheter navigation through the true lumen in dissecting Type B TAAA in absence of IVUS  M. Haggag

12:06 – 12:10 Successful treatment of post-traumatic arch pseudoaneurysm with fenestrated custom-made TEVAR  J. Sousa
Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

13:00 – 14:15 Moderated poster round in front of Main arena 1
   Jurors: A. Holden, M. Reijnen

Original research: EVAR
13:00 – 13:05 End-tidal carbon dioxide as an indicator of partial REBOA in normovolemia and hemorrhagic shock in anesthetized pigs  M. Sadeghi
13:05 – 13:10 The impact of proximal neck characteristics on lowest renal artery visualization in EVAR procedures with CO2 angiography  A. Vacirca
13:15 – 13:20 Role of the cardiac synchronised computed tomography angiography in diagnosis and follow up of the dissection of descending thoracic aorta  M. A. Ruffino
13:40 – 13:45 Treatment results in urgent endovascular repair of symptomatic abdominal aortic aneurysm  T. de Francisco Torres
13:45 – 13:50 The effect of the diameter of Aneurysm of abdominal aorta on post-operative levels of CRP in patients treated with endovascular aneurysm repair  N. Turkka
13:55 – 14:00 Radiation dose in the endovascular treatment of abdominal aortic aneurysms (EVAR)  A. Picado
14:00 – 14:05 EVAR in wide and angled aortic necks using 35-mm-diameter Excluder® stent-graft  V. Mosquera Rey
14:05 – 14:10 First experience with the low-profile Relay®Pro Thoracic stent-graft prosthesis for thoracic aortic pathologies  H. El Beyrouti
14:10 – 14:15 Endovascular treatment for blunt aortic istmic injuries: Early outcome  G. Pagliariccio
Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

14:30 – 15:45

**Moderated poster round in front of Main arena 1**

*Jurors: S. Basche, E. Alejandre Lafont*

**Original research und challenging cases: Iliac, embolization, visceral, miscellaneous**

14:30 – 14:35

Safety and efficacy of covered endovascular reconstruction of the aortic bifurcation (CERAB) technique for relining of failed aorto-iliac stenting: A single center experience  
*M. A. Ruffino*

14:35 – 14:40

Midterm results of the Viabahn® in the external iliac artery occlusive disease  
*V. Mosquera Rey*

14:40 – 14:45

Long-term results after endovascular approach in bilateral aorto-iliac occlusive disease  
*M. Chernyavskiy*

14:45 – 14:50

Efficacy of CT fusion 3D-roadmap for iliac artery chronic total occlusion  
*N. Hayakawa*

14:50 – 14:55

Fracture and reocclusion of balloon-expandable stent in the common iliac artery due to spinal spur  
*P. Tokarev*

14:55 – 15:00

Mechanical thrombectomy using Rotarex for aortobifemoral synthetic graft thrombosis  
*Y. Jenab*

15:00 – 15:05

Profound hypotension following angioplasty of known case of Leriche syndrome  
*M. H. Namazi*

15:05 – 15:10

Endovascular treatment of an iatrogenic rupture of the external iliac artery following rotational thrombectomy  
*A. Eid*

15:10 – 15:15

Interventional radiology in the diagnosis and treatment of lymphatic leaks  
*A. Ruiz Guanter*

15:15 – 15:20

Endovascular treatment of an aneurysm of the splenic artery  
*B. Conti*

15:20 – 15:25

Splenic artery injury  
*N. Algharem*

15:25 – 15:30

Post renal transplant left external iliac artery pseudoaneurysm  
*N. Algharem*

15:30 – 15:35

Right ventricular metastatic tumor diagnosed by transvenous forceps biopsy  
*H. Sugawara*

15:35 – 15:40

Feasibility and clinical outcome of REBOA in patients with impending traumatic cardiac arrest  
*D. McGreevy*

15:40 – 15:45

Challenging case of critical limb ischemia in young female  
*E. Peretti*
At LINC 2020 we offer our participants a shuttle service to and from the Messe Leipzig.

Bus shuttles will be leaving every morning:
- Tuesday at 07:00am
- Wednesday at 07:15am
- Thursday at 07:15am
- Friday at 08:20am

in front of the following hotels:
- Adina Apartment Hotel Leipzig
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- Sachsenpark-Hotel
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- Steigenberger Grandhotel Handelshof Leipzig
- Victor's Residenz-Hotel Leipzig

Shuttles for the return trip will be available after the last session of each day has adjourned (approx. 18:00).

Transit to and from the Congress Center:

From the city center:
- **Tramway:** 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.
- **Train:** Every 5–15 minutes (depending on time of day, please check schedule) a train leaves from the central station to „Leipzig 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 30 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.
Save the date!

LINC 2021 will take place on 26–29 January 2021
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We would like to sincerely thank the following companies for their generous support of LINC 2020.

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