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
Welcome to LINC 2020

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 Sãao 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
- Branced endograft 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 that is 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 2020 – 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

LINC 2019 had a multidisciplinary attendance of 4,913 participants from more than 75 countries. Please visit our website for more details.

LINC 2019 Statistics

- 28% Angiologists/Cardiologists
- 24% Interventional Radiologists
- 47% Vascular Surgeons


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
Hiroyoshi Yokoi, Cardiologist, Fukuoka, Japan
Thomas Zeller, Cardiologist, Angiologist, Bad Krozingen, Germany

CHAIRMAN LIVE CASE PROGRAMME

Andréj 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
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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 Alejandro 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
Karim Brachmann, Vascular Surgeon, Leipzig, Germany
Sven Bräunlich, Angiologist, Leipzig, Germany
Daniela Branzan, Vascular Surgeon, Leipzig, Germany
Jan Brunkwall, 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
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
Eric Ducasse, Vascular Surgeon, Bordeaux, France
Stephan Duda, Interventional Radiologist, Berlin, Germany
Sandra Düssing, 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 Faggioni, 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 Franiel, Interventional Radiologist, Jena, Germany
Eva 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
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
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Robert Jones, Consultant Interventional Radiologist, Birmingham, United Kingdom
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Piotr Kasprzak, Vascular Surgeon, Regensburg, Germany
Konstantinos Katsanos, Interventional Radiologist, London, United Kingdom
Daizo Kawasaki, Interventional Cardiologist, Osaka, Japan
Roger Kessels, Industry, Eindhoven, Netherlands
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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
Tina Lautenschläger, Vascular Surgeon, Leipzig, Germany
Holger Lawall, Angiologist, Ettingen, 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
Nilo Mosquera, Vascular Surgeon, Ourense, Spain
Katja Mühlberg, Internist, Angiologist, Leipzig, Germany
Stefan Müller-Hülsbeck, Interventional Radiologist, Flensburg, Germany
INVITED FACULTY

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-Pieniązek, Interventional Cardiologist, Krakow, Poland
Matteo Orrico, Vascular Surgeon, Rome, Italy
Kenneth Ouriel, Vascular Surgeon, New York, United States
Luis Palena, Interventional Radiologist, Abano Terme, Italy
Sahil Parikh, Interventional Cardiologist, Columbia, United States
Gianbattista Parlani, Vascular Surgeon, Udine, Italy
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 Ramírez 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 Reijnen, 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 Ryłski, 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
</table>
| 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 |
| 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 | X. Jia                                                                   |
| 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                                              |                                                                           |
**ROOM 1 – MAIN ARENA 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:00</td>
<td>Symposium: Advanced techniques for the treatment of CLI patients</td>
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<tr>
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<td>supported with an educational grant from Philips</td>
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<td>Moderators: M. Manzi, J. Mustapha</td>
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<td></td>
<td>Panel: K. Stavroulakis, M. Lichtenberg, R. Ferraresi</td>
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<tr>
<td>11:00</td>
<td>The role of advanced imaging in CLI</td>
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<td>K. Stavroulakis</td>
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<tr>
<td>11:06</td>
<td>Live case transmission from Leipzig</td>
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<tr>
<td>11:26</td>
<td>The role of vessel prep in CLI</td>
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<td></td>
<td>M. Lichtenberg</td>
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<tr>
<td>11:32</td>
<td>Live case transmission from Bergamo</td>
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<tr>
<td>11:52</td>
<td>DCB in CLI: Rationale and benefit in current times</td>
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<tr>
<td></td>
<td>R. Ferraresi</td>
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<tr>
<td>11:58</td>
<td>Discussion and conclusion</td>
</tr>
<tr>
<td>12:30</td>
<td>Lunch symposium: Paclitaxel and your practice: Global perspectives</td>
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<tr>
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<td>supported with an educational grant from COOK Medical</td>
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<td></td>
<td>Moderator: W. Gray</td>
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<tr>
<td>12:30</td>
<td>Introduction</td>
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<tr>
<td>12:32</td>
<td>How Paclitaxel is perceived in Japan</td>
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<tr>
<td>12:42</td>
<td>Impact of society guidelines in my daily practice</td>
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<tr>
<td>12:52</td>
<td>Applying the guidelines to my treatment algorithm</td>
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<tr>
<td>13:02</td>
<td>Follow the data: Zilver PTX global data analysis</td>
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<tr>
<td>13:12</td>
<td>Overcoming the meta-analysis: Moving forward</td>
</tr>
<tr>
<td>13:17</td>
<td>Summary of symposium, discussion, and debate</td>
</tr>
</tbody>
</table>

*Tuesday, 28 January 2020 (cont.)*
## ROOM 1 – MAIN ARENA 1

**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_

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>13:30 – 13:35</td>
<td>Introduction</td>
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</table>
| 13:35 – 13:43 | Is there a durable treatment option for challenging lesions?  
                 _A. Holden_ |
| 13:43 – 13:51 | Anatomically challenging lesion locations:  
                 _G. Torsello_ |
| 13:51 – 14:16 | **Live case transmission from Bergamo** |
| 14:16 – 14:24 | Opening your BTK treatment options:  
                 _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: X. Jia, D. Scheinert_  

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 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

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

17:22 – 17:27  TINTIN study: Final 12-month data with the combination of Luminor DCB + SX stent in TASC C and D lesions  K. Deloose
17:27 – 17:32  A single-center experience with the Tack endovascular system: Real-world tacking above and below-the-knee  M. Lichtenberg
17:32 – 17:37  Dissecting the TOBA data above and below-the-knee: What it means in practice  W. Gray
17:42 – 17:47  1-year results in unselected, real-world patients with the BioMimics 3D Swirling Flow stent in femoropopliteal lesions: The MIMICS-3D registry  M. Lichtenberg
17:52 – 17:57  Discussion and conclusion
**Room 2 – Main Arena 2**

**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*
*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*
10:20 – 10:26  **Options and optimal solutions for bridging stenting in renal artery**  *G. Torsello*
10:26 – 10:32  **Dealing with emergencies in very complex cases: Why I always have enough covered stents on stock**  *M. A. Ruffino*
10:32 – 10:38  **Midterm outcome of CERAB and how to optimize results**  *M. Reijnen*
10:38 – 11:00  **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*
11:48 – 11:56  **Analysis of venous intimal reaction after stent implantation: Does stent porosity matter?**  *H. Jalaie*
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**
Tuesday, 28 January 2020 (cont.)

**Lunch symposium: SELUTION SLR™:
A breakthrough in drug-eluting balloon technology**
supported with an educational grant from Medalliance
*Moderators: M. Brodmann, P. Gaines*
*Panel: A. Finn, T. Zeller, U. Beschorner, T. Y. Tang*

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>12:30 – 12:40</td>
<td>Welcome and introduction  <em>M. Brodmann</em></td>
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<tr>
<td>12:40 – 12:50</td>
<td>Importance of sustained drug release in DEB: Insights into preclinical data for the SELUTION SLR™ <em>A. Finn</em></td>
</tr>
<tr>
<td>12:50 – 13:00</td>
<td>Sustained Limus release translating into sustained clinical outcomes: SELUTION SFA™ – 2-year results <em>T. Zeller</em></td>
</tr>
<tr>
<td>13:00 – 13:10</td>
<td>SELUTION SLR™ in clinical practice: Angio case examples <em>U. Beschorner</em></td>
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<tr>
<td>13:20 – 13:25</td>
<td>Next steps and adjourn <em>P. Gaines</em></td>
</tr>
</tbody>
</table>

**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*

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>13:30 – 13:33</td>
<td>Introduction and learning objectives <em>O. Hartung</em></td>
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<tr>
<td>13:33 – 13:45</td>
<td>Post thrombotic disease: The relevance of long term follow up <em>M. Lugli</em></td>
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<tr>
<td>13:45 – 13:55</td>
<td>Pathway for the accelerated treatment of venous leg ulcers <em>S. Black</em></td>
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<td>13:55 – 14:05</td>
<td>The VICI VENOUS STENT: 24-month outcome data <em>M. Lichtenberg</em></td>
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<tr>
<td>14:05 – 14:10</td>
<td>Panel discussion</td>
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<tr>
<td>14:10 – 14:30</td>
<td>Recorded case presentation from Galway: Pharmacomechanical CDT: The future of DVT treatment? <em>G. O’Sullivan via satellite from Galway</em></td>
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<tr>
<td>14:30 – 14:37</td>
<td>Classification guided outcomes in chronic venous obstruction <em>H. Jalaie</em></td>
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<td>14:37 – 15:00</td>
<td>A case based panel discussion</td>
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<tr>
<td>15:00</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>Innovative new device for fistula maturation in the management of dialysis access</td>
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<td>15:06</td>
<td><strong>First time data release:</strong> AV is now endovascular – initial multi-center experience results of the WavelinQ</td>
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<td>15:11</td>
<td><strong>First time data release:</strong> IN.PACT AV access study: 12 month primary outcomes</td>
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<td>15:16</td>
<td><strong>First time data release:</strong> Drug-coated balloons in AV access: Budget impact model based on the IN.PACT AV access trial – US and German health system perspectives</td>
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<td>15:21</td>
<td><em>Recorded live case using the IN.PACT AV access drug-coated balloon</em></td>
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<td>15:31</td>
<td><strong>First time data release:</strong> Value of stent-graft placement in hemodialysis patients with dysfunctional arteriovenous fistulas and grafts</td>
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<tr>
<td>15:37</td>
<td><strong>First time data release:</strong> Value of stent graft placement to treat cephalic arch stenosis in hemodialysis patients</td>
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<td>15:19</td>
<td><strong>First time data release:</strong> COVERA™ – 12-month update on AVeNEW trial for outflow stenosis in AV fistula circuits</td>
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<tr>
<td>15:24</td>
<td><strong>First time data release:</strong> COVERA™ – 24-month update on AVeVA study for treatment of venous anastomotic lesions in AV grafts</td>
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<td>15:30</td>
<td><strong>Scrub-in with the experts:</strong> Endovascular therapy of varicoceles and the pelvic congestion syndrome**</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><strong>Flash presentations:</strong> Outcomes of endovascular treatment of PCS</td>
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<td>Varicocele and PCS – one and the same? Learning from cases</td>
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<td>Pelvic congestion syndrome: Underdiagnosed, misdiagnosed, and undertreated ...</td>
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<td>What IVUS may show you</td>
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</tbody>
</table>
**Management of carotid artery disease:**

**Current status, new developments, and future outlook**

*Moderators: H. Sievert, P. Odrowaz-Pieniazek*

*Panel: R. Bulbulia, S. Müller-Hülsbeck, M. Storck*

10:00 – 10:06  
Is classical surgery for carotid disease still necessary in the future?  
* M. Storck

10:06 – 10:12  
The ACST-2 trial – recruitment complete, what are the characteristics of our patients, operators, and interventions?  
* R. Bulbulia

10:12 – 10:48  
**First 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 live 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  
**First 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
**Tuesday, 28 January 2020 (cont.)**

**ROOM 3 – TECHNICAL FORUM**

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

  **Controversies in fem-pop treatment**
    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, 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
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
# DGA@LINC

_**Moderators:** D. Scheinert, M. Lichtenberg  
**Panel:** R. Bauersachs, E. Blessing_

**12:30 – 12:37** Welcome remarks – addressing unmet needs in CLI  
_M. Lichtenberg, President of the German Society for Angiology, DGA_

**12:37 – 12:44** CLI is a threat to life and limb!  
_K. Mühlberg_

**12:44 – 12:51** Endovascular first for CLI  
_D. Scheinert_

**12:51 – 12:58** RECCORD registry – healthcare research from daily routine practice  
_R. Langhoff via satellite from Berlin_

**12:58 – 13:05** Use of atherectomy in CLI patients – current evidence  
_E. Blessing_

**13:05 – 13:12** Optimal antithrombotics in CLI  
_R. Bauersachs_

**13:12 – 13:19** Diabetic foot infection  
_H. Lawall_

**13:19 – 13:30** Discussion and conclusion

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# CLI-Therapies-LINCed

**Multidisciplinary case studies from centres of excellence. Tailored strategies on revascularisation and wound management**

_**Moderators:** S. Kum, P. Schneider  
**Panel:** R. Ferraresi, M. Manzi_

**13:30 – 13:38** Optimising the SFA in CLI  
_A. Schwindt_

**13:38 – 13:46** BAD (Big Artery Disease) and SAD (Small Artery Disease) – an appraisal of the challenges in CLI revascularisation  
_R. Ferraresi_

**13:46 – 13:54** Angiosome interpretation – what to open, how many to open, when to stop  
_O. Iida_

**13:54 – 14:02** Learn to cross like a pro – tricks from an Italian maestro  
_M. Manzi_

**14:02 – 14:10** Therapeutic solutions for BAD in CLI  
_G. Adams_

**14:10 – 14:18** Therapeutic solutions for SAD in CLI  
_T. Nakama_

**14:18 – 14:26** Making CLI interventions pain free – how to administer a popliteal nerve anaesthesia before an intervention  
_S. Kum_

**14:26 – 14:34** Managing CLI wounds – 7 min pearls for the interventionist from a wound care specialist  
_G. Clerici_

**14:34 – 15:00** Discussion and conclusion
ROOM 5 – GLOBAL EXPERT EXCHANGE FORUM

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
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
P. Schäfer

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 multcentric 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
<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>13:30 – 15:00</td>
<td>Update on clinical trials and new data – PVD – femoral/BTK/CLI</td>
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<tr>
<td>Moderators: W. Gray, I. Baumgartner</td>
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<tr>
<td>13:30 – 13:35</td>
<td>DESAFINADO registry – 12-month results of the Eluvia DES</td>
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<td>in predominantly CLI</td>
<td>S. Kum</td>
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<td>13:35 – 13:40</td>
<td>Management of de novo long femoropopliteal occlusions; plain balloon, drug coated balloon, bare metal stent; comparative study</td>
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<td>13:40 – 13:45</td>
<td>SELUTION SLR – a Sirolimus DEB: Use of preclinical studies in predicting device safety</td>
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<tr>
<td>13:55 – 14:00</td>
<td>Paclitaxel-coated balloon treatment in patients with in-stent restenosis – 24-months results of the real-world all-comers registry BIOLUX P-III</td>
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<tr>
<td>14:00 – 14:05</td>
<td>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</td>
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<td>14:05 – 14:10</td>
<td>The impact of FAilure VIABAHN for femORopopliTeal lesions TRIAL (FAVORITE TRIAL)</td>
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<tr>
<td>14:10 – 14:15</td>
<td>DiRrectional AthErectomy + Drug CoAted BaLloon Angioplasty to Treat Long, Calcified FemoropopliTeal Artery lesions: Interim results from the REALITY study</td>
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<td>14:15 – 14:20</td>
<td>Transverse View Area Loss (TVAL): An informative angiographic outcome in below-knee lesions</td>
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<td>14:20 – 14:25</td>
<td>TANGO trial 6-month results for adventitial temsirolimus delivery below-the-knee</td>
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<tr>
<td>14:30 – 14:35</td>
<td>Impact of pedal arch revascularisation on clinical outcomes of diabetic patients with critical limb ischemia</td>
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<tr>
<td>14:35 – 14:40</td>
<td>Single centre long-term experience with the Boston Scientific eluvia drug-eluting stent in femoro-popliteal arterial occlusive disease</td>
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<td>14:40 – 15:00</td>
<td>Discussion and conclusion</td>
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ROOM 6 – SPEAKERS’ CORNER

Tuesday, 28 January 2020 (cont.)
15:00 – 16:30  Challenging cases and complications – iliac

Moderators: R. Ghotbi, P. Mwipatayi

15:00 – 15:05  Endovascular management of unusual late presentation of midaortic syndrome infrarenal type  M. Elmeniesy

15:05 – 15:10  Extreme multi-level endovascular intervention in a patient with NO surgical options  L. Raja

15:10 – 15:15  Percutaneous endoluminal anatomical bypass technique for patients with external iliac artery occlusion after failed conventional endovascular recanalisation  T. Nakama

15:15 – 15:20  Endovascular treatment for abdominal aortic stenosis contributes to renal failure post kidney transplantation  S. Tsuda

15:20 – 15:25  Hybrid endovascular revascularisation of TASC-D Aortic occlusion in an old monk with ischemic cardiomyopathy  J. Cheewinmethasiri

15:25 – 15:30  Lost and recovered covered stent endoprosthesis in the abdominal aorta  S. Giusca

15:30 – 15:35  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  E. Scott

15:35 – 15:40  A case of Lerich syndrome with repeated stent reocclusion caused by stent deformation due to mechanical imbalance  K. Ichihashi

15:40 – 15:45  Management of acute ischemia secondary to large bore access in TAVR and left ventricular assist devices  R. Kovach

15:45 – 15:50  Subacute aorto-iliac occlusion in a young male: “When it rains, it pours!”  B. Purushottam

15:50 – 15:55  AFX in conjunction with inferior mesenteric chimney, an alternative to the aorto-bifemoral by-pass in severe aortoiliac occlusive disease  M. Serna

15:55 – 16:00  Usefulness of endovascular VIABAHN VBX balloon-expandable stent-graft placement for symptomatic coral reef aorta – 2 cases report  K. Takayama

16:00 – 16:30  Discussion and conclusion
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
<table>
<thead>
<tr>
<th>13:30 – 15:00</th>
<th>Selected abstracts original research – carotid/EVAR</th>
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<tbody>
<tr>
<td><strong>Moderators:</strong> F. Moll, M. Storck</td>
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<tr>
<td>13:30 – 13:35</td>
<td>A diffusion weighted magnetic resonance imaging-based study of carotid endarterectomy vs. transcervical carotid artery revascularisation with double mesh stent M. P. Lamarca Mendoza</td>
</tr>
<tr>
<td>13:35 – 13:40</td>
<td>First application of Hyperspectral Imaging during carotid endarterectomy in patients with high-grade carotid artery stenosis R. Sucher</td>
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<td>13:40 – 13:45</td>
<td>Endovascular approaching to carotid estenose 150 sequential cases G. Meireles</td>
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<tr>
<td>13:45 – 13:50</td>
<td>PrOspective multiCentrE study of cArotid artery steNting Using MER stent—the OCEANUS study—30 days and two years follow-up P. Odrowaz-Pieniazek</td>
</tr>
<tr>
<td>13:50 – 13:55</td>
<td>Neurological complication rates of intravenous thrombolysis combined with early carotid endarterectomy for treatment of hyperacute ischaemic stroke E. Swiecka</td>
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<tr>
<td>13:55 – 14:00</td>
<td>Safety and efficacy of hybrid procedures in high risk patients with isolated aortic arch aneurysms N. Zherdev</td>
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<tr>
<td>14:00 – 14:05</td>
<td>The impact of bridging stent and side-branch graft remodelling after branched endovascular aortic repair S. Fazzini</td>
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<td>14:05 – 14:10</td>
<td>Ankura AAA study process and the safety and effectiveness of the Ankura M. Ilzecki</td>
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<tr>
<td>14:10 – 14:15</td>
<td>Endovascular treatment of adult patients with coarctation of the aorta with covered CP stent S. Möbius-Winkler</td>
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<td>14:15 – 14:20</td>
<td>Early bi- and three-dimensional aneurysm sac variation in predicting long-term EVAR results N. Montelione</td>
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<tr>
<td>14:20 – 14:25</td>
<td>Different techniques to the treatment of complex aortic arch aneurysms—single center experience P. Szopiński</td>
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<td>14:25 – 14:30</td>
<td>Treatment of penetrating ulcer of the aortic arch: A multimodality approach T. Segev</td>
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<td>14:30 – 14:35</td>
<td>The 50/60 rule: a new CTA-based algorithm to optimize sizing and planning for abdominal chimney endovascular procedures S. Fazzini</td>
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<tr>
<td>14:35 – 14:40</td>
<td>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</td>
</tr>
<tr>
<td>14:40 – 15:00</td>
<td>Discussion and conclusion</td>
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15:00 – 16:30

**Challenging cases and complications – PVD/femoral/popliteal (part I)**

*Moderators: G. Adams, H. Krankenberg*

15:00 – 15:05  Distal radial 2 peripheral complex interventions  *V. Krishna*
15:05 – 15:10  Calc. Break technique – fracking method  *T. Haraguchi*
15:10 – 15:15  Intravascular Lithotripsy for complex calcified iliofemoral disease  *W. Dixon*
15:15 – 15:20  SFA dissection occurred in intravascular ultrasound guided rotational atherectomy, rescued by bail-out stenting  *H.-P. Wu*
15:20 – 15:25  Monitoring results of angiographic and intravascular imaging devices from aneurysmal degeneration to femoropopliteal artery occlusion following PB-PES implantation  *T. Nakama*
15:25 – 15:30  Complicated thrombolysis of a fem-fem and fem-pop bypass graft requiring complex access. Recurrent thrombosis despite successful thrombolysis  *Y. Park*
15:30 – 15:35  A case report: Limb salvage after shark attack  *A. Khalil*
15:35 – 15:40  Successful endovascular retrieval of a broken guidewire located in the popliteal vein as a complication of an arterial retrograde puncture  *L. Ortiz de Salazar*
15:40 – 15:45  Combination of Supera/DCB in femoro-poplital occlusive disease. Single center experience. 3-year follow-up  *A. Thomas*
15:45 – 15:50  Lower extremity pseudoaneurysms  *N. Algharem*
15:50 – 15:55  Unexpected vascular response during angioplasty in young female with lupus peripheral artery disease  *V. Damay*
15:55 – 16:00  Endovascular treatment of an anastomotic pseudoaneurysm of the femoro-crural bypass  *A. Eid*
16:00 – 16:05  Double snare-piercing technique for long occlusive calcified lesion  *K. Tobita*
16:05 – 16:10  The CLTI case of below the ankle lesion in which recanalisation was achieved with US guide  *T. Tokuda*
16:10 – 16:30  Discussion and conclusion
### ROOM 1 – MAIN ARENA 1

**08:00 – 09:30**
**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*

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>08:00 – 08:05</td>
<td><strong>First time data release:</strong> Latest 24-month BTK global real-world registry Lutonix DCB outcomes</td>
<td>D. Scheinert</td>
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<tr>
<td>08:05 – 08:10</td>
<td><strong>First time data release:</strong> Update on BTK IDE Lutonix DCB – complex patient subset</td>
<td>P. Geraghty</td>
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<tr>
<td>08:10 – 08:15</td>
<td><strong>First time data release:</strong> Stellarex in the real-world: interim look at the BTK cohort</td>
<td>K. Stavroulakis</td>
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<td>08:15 – 08:20</td>
<td>12-month results from the randomized AcoArt BTK study</td>
<td>X. Jia</td>
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<tr>
<td>08:20 – 08:25</td>
<td>Initial experience with the temporary drug-coated Spur system to enhance drug delivery to the vessel wall</td>
<td>A. Holden</td>
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<tr>
<td>08:25 – 08:30</td>
<td>Small artery disease (SAD) and media artery calcification (MAC) are changing the fate of CLI patients</td>
<td>R. Ferraresi</td>
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<tr>
<td>08:35 – 09:30</td>
<td><strong>First time data release:</strong> LimFlow pDVA for no-option CLTI: The ALPS registry data at 2 years</td>
<td>A. Schmidt via satellite from Leipzig</td>
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<tr>
<td>08:55 – 09:00</td>
<td>Optimizing below-the-knee angioplasty: Dissections matter</td>
<td>A. Holden</td>
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<td>09:00 – 09:05</td>
<td>Repairing BTK dissection: Results from the TOBA II BTK pivotal study</td>
<td>G. Adams</td>
</tr>
<tr>
<td>09:05 – 09:10</td>
<td>Intra-procedural extra-vascular ultrasound prevents early and late failures in BTK</td>
<td>F. Liistro</td>
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<tr>
<td>09:10 – 09:15</td>
<td>High pressure non compliant POBA in real-world CLI – 12-month results from the JADE registry in Singapore</td>
<td>S. Kum</td>
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<tr>
<td>09:15 – 09:20</td>
<td>The advantages of using perfusion angiography during CLI procedures</td>
<td>D. van den Heuvel</td>
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<td>09:20 – 09:25</td>
<td>Tissue perfusion assessment drives and predicts clinical success in severe CLI: Experience from a 330 patient study</td>
<td>E. Gomez Jabalera</td>
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<td>09:25 – 09:30</td>
<td>Discussion and conclusion</td>
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**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*

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<td>09:30 – 09:32</td>
<td>Introduction</td>
<td>T. Zeller</td>
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<td>09:32 – 09:42</td>
<td>Fundamentals of drug coated balloons</td>
<td>R. Sachar</td>
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<td>09:42 – 09:52</td>
<td>Lessons from Ranger SFA II RCT (Ranger DCB vs. PTA)</td>
<td>M. Brodmann</td>
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<td>09:52 – 10:02</td>
<td>Lessons from COMPARE RCT (Ranger DCB vs. IN.PACT DCB)</td>
<td>D. Scheinert</td>
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<td>10:02 – 10:27</td>
<td><strong>Live case transmission from Leipzig</strong></td>
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<tr>
<td>10:47 – 10:57</td>
<td>Future trials with drug eluting technologies</td>
<td>G. Torsello</td>
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<tr>
<td>10:57 – 11:00</td>
<td>Close and key take aways</td>
<td>D. Scheinert</td>
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</table>
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
Y. Gouëffic via satellite 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

**13:30 – 15:00**

**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*

**Panel:** T. Zeller, D. Scheinert, J. van den Berg, S. Dani

- **13:30 – 13:36**
  The role of Sirolimus coated balloon in peripheral vascular disease  
  *S. Parikh*

- **13:36 – 13:42**
  The Magic Touch – PTA Sirolimus coated balloon – insights from pre-clinical evaluation  
  *A. Finn*

- **13:42 – 13:51**
  XTOSI: MagicTouch Sirolimus coated balloon for PAD and FUTURE SFA/FUTURE BTK randomised controlled trials  
  *E. Choke*

- **13:51 – 14:11**
  Live case transmission from Jena

- **14:11 – 14:16**
  Discussion on case

- **14:16 – 14:36**
  Live case transmission from Leipzig

- **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

**15:00 – 16:30**

**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*

- **15:00 – 15:05**
  Announcement of the winners of the Vascular Career Award 2020 – Steven Kum and Parag Patel

- **15:05 – 15:30**
  Live case transmission from Kingsport

- **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*

- **16:02 – 16:27**
  Live case transmission from Kingsport

- **16:27 – 16:30**
  Discussion and conclusion
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 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                                                                 |
| 16:41 – 17:01 | Live case transmission from Leipzig                                    |
| 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 |
| 17:01 – 17:06 | First time data release:  
Advancing laser therapy: Different setting for different lesions  
G. Adams                                                                 |
| 17:06 – 17:11 | Benefit of lesion preparation with a rotational atherectomy device —  
mid-term outcomes  
G. Korosoglou                                                                 |
| 17:11 – 17:16 | The future of scoring PTA & update of a multi-center registry ATK/BTK  
M. Montero-Baker                                                                 |
| 17:16 – 17:21 | 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                                                                 |
| 17:26 – 17:46 | Live case transmission from Kingsport                                    |
| 17:46 – 17:51 | Vessel preparation in calcified lesions: Which method for which lesion?  
T. Bisdas                                                                 |
<p>| 17:51 – 18:00 | Discussion and conclusion                                                                 |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</thead>
</table>
| 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  
08:06 - 08:26 | 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. Köbel, R. Varcoe, E. Ducasse, A. Gangl |
| 09:00 - 09:06 | Fiber Optic Real Shape (FORS) technology – 3D device guidance in practice T. Köbel |
| 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. Faggioli, S. Botsios, G. Mellisano, 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. Faggioli |
| 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 |
**ROOM 2 – MAIN ARENA 2**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 11:00 – 12:30 | **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** |
### ROOM 2 – MAIN ARENA 2

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>13:30</td>
<td><strong>Challenges in endovascular aortic repair: Treatment of juxtarenal aneurysms</strong>&lt;br&gt;&lt;br&gt;<strong>Moderators:</strong> G. Torsello, E. Verhoeven&lt;br&gt;&lt;br&gt;<strong>Panel:</strong> K. Donas, R. Kolvenbach, M. Reijnen, M. Steinbauer, R. Varcoe</td>
</tr>
<tr>
<td>13:30</td>
<td>Preliminary data from the EAGLE registry  M. van Sambeek</td>
</tr>
<tr>
<td>13:36</td>
<td>Contemporary options for treating juxtarenal aneurysm when infrarenal sealing is not enough  V. Riambau</td>
</tr>
<tr>
<td>13:42</td>
<td>Mid-term results from ANCHOR and how these clinical insights affect my clinical practice  J.-P. de Vries</td>
</tr>
<tr>
<td>13:48</td>
<td>Why 3xFEVAR has replaced 2xFEVAR and FEVAR better than CHEVAR  E. Verhoeven</td>
</tr>
<tr>
<td>13:54</td>
<td>Recorded case presentation: EVAR with Ovation stentgraft and Cydar intelligent navigation system  D. Branzan</td>
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<tr>
<td>14:04</td>
<td>Useful combinations of aortic endoprosthetic material of different companies in complex situations  S. Nikol</td>
</tr>
<tr>
<td>14:10</td>
<td>Is ChEVAS the answer to complex AAA treatment? The future of Nellix in 2020  M. Reijnen</td>
</tr>
<tr>
<td>14:16</td>
<td>Live case transmission from Paris</td>
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<tr>
<td>14:36</td>
<td>Lessons learned 5 years after the PERICLES registry publication: A position statement about the current role of chimney endografting  G. Torsello</td>
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<tr>
<td>14:42</td>
<td>Long-term results of chimney graft branches in juxtarenal aneurysms  R. Kolvenbach</td>
</tr>
<tr>
<td>14:48</td>
<td>Freedom to fenestrate: How the Anaconda platform has impacted my practice  P. Bungay</td>
</tr>
<tr>
<td>14:54</td>
<td>Cost effectiveness analysis of FEVAR vs. CHEVAR in juxtarenal aortic aneurysms: A new insight in the old debate  K. Donas</td>
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<tr>
<td>15:00</td>
<td><strong>CX@LINC: Towards aortic advances</strong>&lt;br&gt;&lt;br&gt;<strong>Moderator:</strong> R. Greenhalgh&lt;br&gt;&lt;br&gt;<strong>Panel:</strong> T. Kölbel, F. Moll</td>
</tr>
<tr>
<td>15:00</td>
<td>Effects of long thoracic stent grafts on the pathophysiology of the heart  F. Moll</td>
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<tr>
<td>15:10</td>
<td>Audience participation</td>
</tr>
<tr>
<td>15:20</td>
<td>Access-techniques to simplify fenestrated and branched EVAR:&lt;br&gt;Upper extremity access is not needed any longer  T. Kölbel</td>
</tr>
<tr>
<td>15:30</td>
<td>Recorded case presentation  N. Tsilimparis</td>
</tr>
<tr>
<td>15:40</td>
<td>Audience participation</td>
</tr>
<tr>
<td>15:50</td>
<td>Modern imaging systems will revolutionize EVAR techniques  J. van Herwaarden</td>
</tr>
<tr>
<td>16:00</td>
<td>Audience participation</td>
</tr>
<tr>
<td>16:10</td>
<td>Recorded case presentation  T. Kölbel</td>
</tr>
<tr>
<td>16:20</td>
<td>Fenestrated arch repair in chronic Type B aortic dissection</td>
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**CX edited live case:**
- Full transfemoral branched EVAR for thoracoabdominal aortic aneurysms
- Fenestrated arch repair in chronic Type B aortic dissection
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 via satellite from Leipzig*

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>
<th>Session</th>
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</table>
| **08:00 – 09:30** | Focus session: Embolisation therapies liver and interventional oncology (part I)  
Moderators: U. Teichgräber, T. J. Vogl  
Panel: A. Lunardi, T. O. Petersen, B. Gebauer, R. Lookstein  
08:00 – 08:08  
Beyond permanent particles: Rationale to use biodegradable particles for HCC  
B. Radeleff  
08:08 – 08:33  
Live case transmission from Frankfurt  
08:33 – 08:41  
Pre-operative portal vein embolisation: Indications and patient selection  
A. Hocquelet  
08:41 – 08:49  
Venous embolisation before liver surgery: Technical aspects  
B. Gebauer  
08:49 – 09:14  
Live case transmission from Jena  
09:14 – 09:22  
Percutaneous intrahepatic split by microwave ablation  
A. Lunardi  
09:22 – 09:30  
Discussion and conclusion |
| **09:30 – 11:00** | Focus session: AVM  
Moderators: U. Teichgräber, W. Wohlgemuth  
Panel: B. Gebauer, R. Müller-Wille, M. de Bucourt  
09:30 – 09:38  
Classification of vascular anomalies – recent update of the ISSVA classification  
W. Wohlgemuth  
09:38 – 09:59  
Recorded case presentation  
W. Wohlgemuth  
09:59 – 10:07  
Clinical and imaging diagnosis of vascular anomalies  
A. Malouhi  
10:07 – 10:15  
Interventional therapy options – what and when  
R. Müller-Wille  
10:15 – 10:23  
Embolisation and erectile dysfunction  
R. Aschenbach via satellite from Jena  
10:23 – 10:44  
Live case transmission from Frankfurt  
10:44 – 10:52  
Specifics of invasive therapy in a pediatric age group  
S. von der Heydt  
10:52 – 11:00  
Free evidence-based knowledge in the internet  
W. Wohlgemuth |
| **11:00 – 12:30** | Focus session: Embolisation therapies liver and interventional oncology (part II)  
Moderators: T. J. Vogl  
Panel: P. Huppert, M. Moche, A. Malouhi, S. Müller-Hülsbeck  
11:00 – 11:08  
Balloon TACE: How to do it – clinical evidence  
M. Jonczyk  
11:08 – 11:33  
Live case transmission from Jena  
11:33 – 11:41  
Update on the evidence of TACE  
P. Huppert  
11:41 – 12:14  
Live case transmission from Frankfurt  
12:14 – 12:22  
Hepatic infusion techniques in interventional oncology  
T. J. Vogl  
12:22 – 12:30  
The role of Angio-CT in interventional oncology  
M. Moche |
| **12:35 – 13:25** | Lunch symposium: Keep calm and NiTiDES: The first effective SFA Sirolimus eluting stent  
Supported with an educational grant from Alvimedica  
Moderators: D. Scheinert, R. Langhoff  
Panel: S. Müller-Hülsbeck, K. Katsanos, A. Kahlberg  
12:35 – 12:38  
Introduction and session objectives  
D. Scheinert  
12:38 – 12:46  
Why, when, and where: The DES role in SFA treatment  
S. Müller-Hülsbeck  
12:46 – 12:54  
Drugs on the stage: What we know and what we should know  
K. Katsanos  
12:54 – 13:02  	NiTiDES: The innovative approach for SFA lesions  
A. Kahlberg  
13:02 – 13:10  	ILLUMINA study: 2-year results  
D. Scheinert  
13:10 – 13:20  
Discussion  
13:20 – 13:25  
From theory to practice  
R. Langhoff |
Wednesday, 29 January 2020 (cont.)

**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 Frankfurt
- 15:27 – 15:41 Cryoablation *T. J. Vogl*
- 15:41 – 15:48 Bariatric embolization: Technique and clinical data *C. R. Weiss video presentation*
- 15:48 – 16:09 Live case transmission from Jena
- 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
**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

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**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

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**Lunch symposium: Real world clinical results after treatment with non-crystalline coated balloons**  
supported with an educational grant from Cardionovum  
**Moderator:** 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  
**12:48 – 12:56**  
APERTO® efficacy in (re-)stenosis in central veins – initial cases — M. Lichtenberg  
**12:56 – 13:04**  
High risk of restenosis patients' treatment: Update on the REFLOW trial — K. Deloose  
**13:04 – 13:12**  
Safety of Paclitaxel coated devices used in dialysis access: The APERTO® trial results — A. Chouiter  
**13:12 – 13:20**  
Closing remarks
### ROOM 4 – DISCUSSION FORUM

**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-García, N. Mosquera*

- **15:00 – 15:12** The new Solaris endograft: Main characteristics and clinical programme  
  *M. Bosiers*

- **15:13 – 15:25** The Brasilian self-expandable peripheral endograft: Initial European experience  
  *E. San Norberto-García*

- **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
<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenters</th>
</tr>
</thead>
</table>
| 08:00 – 09:30| **Deep dive session: Lower limb interventions (part 1)** | **Moderators:** T. Zeller, O. Iida  
**Panel:** S. Bartus |
| 08:00 – 08:20| Live case transmission from Leipzig                      |                                                |
| 08:20 – 08:25| Focus on new data                                        | G. Torsello                                    |
| 08:25 – 08:30| Propensity-matched analysis in claudicants treated with a drug-coated balloon vs. PTA: 5-year mortality outcomes from a real-world study | O. Iida                                        |
| 08:30 – 08:35| Durability, safety, and efficacy of a drug-coated balloon for the treatment of peripheral arterial disease in the SFA | O. Iida                                        |
| 08:35 – 08:40| IN.PACT global study 4-year outcomes                     | T. Zeller                                      |
| 08:40 – 08:45| Results of the Illumenate EU-Global 3-year results       | T. Zeller                                      |
| 08:45 – 08:50| 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                                  |
| 08:50 – 08:55| Prestige pilot: Phoenix atherectomy and Stellarex DCB clinical investigation in infrapopliteal interventions | M. Lichtenberg                                  |
| 08:55 – 09:00| **Focus on crossing and vessel prep**                   |                                                |
| 09:00 – 09:05| Trans-radial artery access for lower limb interventions: Will dedicated new tools making this approach the future standard of care? | R. Varcoe                                      |
| 09:05 – 09:10| Retrograde crossing of peripheral occlusions: Long-term results and outcome predictors | S. Bartus                                      |
| 09:10 – 09:15| AMBUVASC: A RCT comparing conventional vs. ambulatory of endovascular procedures of lower extremity peripheral artery disease | Y. Gouëffic via satellite from Paris           |
| 09:15 – 09:20| Dissections: Do they matter and how can they be managed? | T. Zeller                                      |
| 09:20 – 09:30| The versatility of directional atherectomy to address challenges of multi-level disease in CLI | K. Stavroulakis                                 |
| 09:30 – 10:30| Controversies and best practices for successful iliofemoral venous stenting outcomes |                                                |
| 09:30 – 09:35| supported with an educational grant from COOK Medical    |                                                |
| 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                                       |
| 10:05 – 10:15| Maximizing clinical outcomes through optimizing post procdural care | R. de Graaf                                    |
| 10:15 – 10:30| Clinical outcomes of the Zilver Vena™ stent in a private practice setting | M. Ramírez Ortega                              |
10:30 – 11:30  Deep dive session: Lower limb interventions (part II)  
*Moderators: G. Adams, E. Blessing*  
*Panel: M. Montero-Baker, M. Bosiers, S. Kum*

10:30 – 10:55  Live case transmission from Leipzig

10:55 – 11:00  First-in-man experience with the MotiV Bioresorbable scaffold in below-the-knee arteries  
*Michel Bosiers*

11:00 – 11:05  Treating CLI patients with drug-coated balloons: 12-month outcomes from a real-world study  
*J. Cuenca*

11:05 – 11:10  Patterns of calcification in BTK arteries  
*J. Mustapha*

11:10 – 11:15  Use of directional atherectomy where stenting is not an option  
*G. Torsello*

11:15 – 11:20  Hybrid atherectomy: 1-year results from a real-world study  
*M. Montero-Baker*

11:20 – 11:25  Comparison of procedural and long-term clinical outcomes in critical limb ischemia patients following endovascular treatment in the LIBERTY 360 study  
*G. Adams*

11:25 – 11:30  12-month results of the DISAPEAR registry of BVS in CLI from Singapore  
*S. Kum*

11:30 – 12:30  CCT@LINC – various techniques to recanalise CTO  
*Moderators: R. Langhoff, K. Urasawa*

11:30 – 11:40  Duplex ultrasound guided wire  
*M. Tan*

11:40 – 11:50  Role of below-the-ankle intervention  
*T. Nakama*

11:50 – 12:00  Asahi style for complex lesions  
*N. Hayakawa*

12:00 – 12:10  Various EVT techniques for long SFA CTOs  
*Y. Tsubakimoto*

12:10 – 12:20  Distal punctures and related techniques  
*H. Ando*

12:20 – 12:30  Question and answers

*Moderator: N. Kucher*  
*Panel: M. Dumantepe, S. Stortecky*

12:30 – 12:35  Introduction

12:35 – 12:50  How to achieve only 6% PTS in the treatment of acute DVT. What device to use when?  
*N. Kucher*

12:50 – 13:05  Treatment of chronic DVT with EKOS™: Reproducing ACCESS PTS data in everyday clinical practice  
*M. Dumantepe*

13:05 – 13:20  Effective treatment for high risk and intermediate-high risk pulmonary embolism patients with Acoustic Pulse Thrombolysis™: Data from Bern  
*S. Stortecky*

13:20 – 13:30  Discussion and conclusion
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 – 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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<tr>
<th>Time</th>
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<tr>
<td>15:30 – 16:30</td>
<td><strong>Deep dive session: Venous interventions (part II)</strong></td>
<td><strong>Focus on venous stenting</strong></td>
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<td></td>
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<td><strong>Moderators:</strong> R. de Graaf; H. Jalaie</td>
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<td><strong>Panel:</strong> T. Sebastian, M. Ulrich</td>
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<tr>
<td>15:30 – 15:36</td>
<td><strong>First time data release:</strong></td>
<td>Unique challenges of iliofemoral venous obstruction: Need for venous stents with 50 year durability testing S. Black</td>
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<td>15:36 – 15:42</td>
<td>Technical properties of nitinol: the ideal alloy for venous stenting E. Murphy</td>
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<td>15:42 – 15:48</td>
<td><strong>First time data release:</strong></td>
<td>Impact of stent structure on venous flow H. Jalaie</td>
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<td>15:48 – 15:54</td>
<td>New stent design for below the inguinal ligament: The Blueflow venous stent M. Lichtenberg</td>
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<td>15:54 – 16:00</td>
<td>Abre™ IDE study: Overview of baseline demographics E. Murphy</td>
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<td>16:00 – 16:06</td>
<td>Abre™ venous self expanding stent system procedure video S. Black</td>
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<td>16:06 – 16:12</td>
<td>Predictors for patency rate and clinical improvement after iliofemoral venous recanalisation: A 228 patient cohort analysis M. Lichtenberg</td>
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<td>16:12 – 16:18</td>
<td>24-month patency rates and clinical results of the SINUS OBLIQUUS® venous stent: Data from the Arnsberg venous registry M. Lichtenberg</td>
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<td>16:18 – 16:24</td>
<td>Anticoagulation after ilio-femoral intervention R. Kolluri</td>
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<td>16:24 – 16:30</td>
<td>Discussion and conclusion</td>
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<td>16:30 – 17:30</td>
<td><strong>Deep dive session: Venous interventions (part III)</strong></td>
<td><strong>Focus on complex venous procedures</strong></td>
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<td><strong>Moderators:</strong> N. Kucher, R. Kolluri</td>
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<td><strong>Panel:</strong> T. Hirsch, K. Brachmann</td>
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<td>16:30 – 16:36</td>
<td>Reconstruction of the inferior vena cava using dedicated iliofemoral venous stents: Single center experience R. Lookstein</td>
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<td>16:36 – 16:42</td>
<td>5 year data of acrylate treatment using Venaseal T. Hirsch</td>
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<td>16:42 – 16:48</td>
<td>A Singapore Venaseal real world post-market evaluation study (ASVS) T. Y. Tang</td>
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<td>16:48 – 16:54</td>
<td>VENCLOSE™ – clinical experiences with a new radiofrequency ablation catheter A. Lukhaup</td>
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<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 P. Rochon</td>
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<td>17:00 – 17:06</td>
<td>Venous ulcer – care pathway in 2020 R. Kolluri</td>
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<td>17:06 – 17:12</td>
<td>Hybrid venous interventions: It doesn’t stop there R. de Graaf</td>
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<td>17:12 – 17:18</td>
<td>Review of treatment techniques for various presentations of AVMs P. Rochon</td>
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<td>17:18 – 17:24</td>
<td>Onyx vs. other liquid embolic agents for AVM treatment W. Wohlgemuth</td>
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<td>17:24 – 17:30</td>
<td>Discussion and conclusion</td>
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</table>
09:30 – 11:30  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 ileocaval 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. Maneevse


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

11:00 – 12:30  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 – 11:48  Discussion and conclusion
Challenging cases and complications – EVAR aortic dissections

Moderators: T. Köbel, X. Jia

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 Secondary thoracic endovascular aortic repair due to stent graft induced new entry (SINE) and the importance of inferior mesenteric artery  
W. Kim

12:45 – 12:50 A case of successful TEVAR in descending thoracic aortic dissection via bidirectional wiring  
J. H. Ahn

12:50 – 12:55 Insitu & outside fenestration of TEVAR in case of dissection Type A 
M. Sharafutdinov

12:55 – 13:00 Endovascular treatment for aortic dissection – will the PETTICOAT technique move to the next level and beyond?  
K. Hashizume

13:00 – 13:05 Acute occlusion of descending thoracic aorta  
N. Stella

13:05 – 13:10 Wrapping of an ascending aorta aneurysm and hybrid technique for acute TBAD in high risk patient  
S. Nguyen

13:10 – 13:15 Distal extended endovascular aortic repair PETTICOAT with CERAB technique in a case of acute Type B aortic dissection  
M. A. Ruffino

13:15 – 13:30 Discussion and conclusion
Challenging cases and complications – EVAR aortic arch/thoracic aorta/thoracoabdominal aorta

Moderators: M. Malina, P. Kasprzak

13:30 – 13:35 Hybrid repair of arch aneurysm – a journey from beginner to advanced
M. K. Nekkanti

13:35 – 13:40 Unexpect use of Proglide in aortic arch  D. Benedetto

13:40 – 13:45 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  G. Meirelles

13:45 – 13:50 A case report of successful endovascular repair of a giant 12cm diameter thoracic aortic aneurysm, initially mimicking acute coronary syndrome  J. Kim

13:50 – 13:55 Adult aortic coarctation with intestinal angina and lower limb claudication treated by stent graft  E. Younes

13:55 – 14:00 Ruptured left subclavian artery anastomotic pseudoaneurysm in young patient with Blalock Taussig fistula  C. Quintero-Pérez

14:00 – 14:05 Endovascular thoracic graft relining: Treatment of symptomatic floating thrombus following aortic arch aneurysm repair  P. Scrivere

14:05 – 14:10 To be impending rupture Kommerelle diverticulum treated by Amplatz plug  E. Younes

14:10 – 14:15 Single center experience with the use of the Covera Plus as bridging stent during endovascular aortic repair with branched devices  G. Coppi

14:15 – 14:20 Endovascular treatment of ruptured thoracoabdominal aneurysms  R. Corbetta

14:20 – 14:25 Totally open repair of Type IV TAAA by de-branching each visceral artery and tube graft with prior thoraco-iliac conduit  M. Haggag

14:25 – 14:30 Mechanical thromboaspiration and relining with covered stent of an occluded renal bridging stent in BEVAR  M. A. Ruffino

14:30 – 14:35 A hybrid visceral debranching and endovascular aortic aneurysm repair for infected suprarenal aortic aneurysm in an HIV-infected patient  W. Saengprakai

14:35 – 14:40 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  E. Younes

14:40 – 14:45 Aortic neck dilation following thoracic endovascular aneurysm repair
H. Aldailami

14:45 – 15:30 Discussion and conclusion
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<td>09:30 – 11:00</td>
<td><strong>Challenging cases and complications – carotid/supraaortic/brachial</strong></td>
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<td>09:30 – 09:35</td>
<td>PTA of aortic arch vessel in patients with Takayasu disease R. Vijayvergiya</td>
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<td>09:35 – 09:40</td>
<td>Management of traumatic giant pseudoaneurysm of carotid artery with respiratory distress by open reconstruction A. Savlania</td>
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<td>09:40 – 09:45</td>
<td>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</td>
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<td>09:45 – 09:50</td>
<td>Imminent myocardial infarction with co-existing thrombus in carotid artery as unfortunate complications on early stage of standard CAS procedure M. Misztal</td>
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<td>09:50 – 09:55</td>
<td>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</td>
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<td>09:55 – 10:00</td>
<td>Double layer stent for endovascular treatment of a carotid artery pseudoaneurysm as a complication of CAS N. Stella</td>
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<td>10:00 – 10:05</td>
<td>Use of the Roadsaver carotid artery stent to treat a late pseudoaneurysm after open surgical carotid endarterectomy G. Coppi</td>
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<td>10:05 – 10:10</td>
<td>Endovascular stent graft for carotid artery aneurysm is a good option, a case report A. Elmarakby</td>
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<td>10:15 – 10:20</td>
<td>Hybrid carotid angioplasty with transcervical open access: A feasible option for challenging anatomy M. Giusti</td>
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<td>10:20 – 10:25</td>
<td>Extraordinary and misleading complication after carotid stenting M. Maga</td>
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<td>10:25 – 10:30</td>
<td>Coil embolization of inferior thyroid artery pseudoaneurysm M. Moreira</td>
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<td>10:30 – 10:35</td>
<td>Endovascular treatment of extracranial carotid artery pseudoaneurysm using a double mesh carotid stent as flow diverter D. Soto</td>
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<td>10:35 – 10:40</td>
<td>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</td>
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<td>10:40 – 10:45</td>
<td>Endovascular treatment of thoracic outlet syndrome (Pectoralis minor type) – case report M. Nagib</td>
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<td>10:45 – 11:00</td>
<td>Discussion and conclusion</td>
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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 surfacer 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
**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*

*C. Panzano*

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

**Moderators:** M. Brodmann, D.-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 – 14:55**
Peculiar case of popliteal entrapment syndrome  
*E. Peretti*

**14:55 – 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 Ulysse 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 ElDin

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

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
11:00 — 12:30

**Innovating dialysis access: Latest data and developments in creation, maintenance, and program implementation**

- **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
13:30 – 15:00  **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
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<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 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, Michel 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**  
The ZILVERPASS study: A randomized study comparing ZILVER PTX stenting with BYPASS in femoropopliteal lesions (final 24-month results)  
Michel 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  
17:15 – 17:20| Risk assessment of local lysis therapy in critical limb ischemia: Who benefits, who does not?  
U. Beschornoer  
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 |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00</td>
<td><strong>New insights and current techniques for thoracic endovascular aortic repair</strong>&lt;br&gt;<strong>Moderators:</strong> V. Riambau, G. Torsello</td>
</tr>
<tr>
<td>08:00</td>
<td>Valiant Navion: What we have learned about this next generation TEVAR device: 1-year results from the global clinical trial&lt;br&gt;<em>S. Trimarchi</em></td>
</tr>
<tr>
<td>08:05</td>
<td>Addressing unmet clinical needs with a new generation TEVAR device: Practical application of the Valiant Navion&lt;br&gt;<em>T. Kratimenos</em></td>
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<tr>
<td>08:10</td>
<td>The Fustar steerable sheath in my daily practice: When and how?&lt;br&gt;<em>T. Bisdas</em></td>
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<tr>
<td>08:15</td>
<td>Insights on TEVAR from the SURPASS registry&lt;br&gt;<em>G. Torsello</em></td>
</tr>
<tr>
<td>08:20</td>
<td><strong>Live case transmission from Münster</strong>&lt;br&gt;<strong>Recorded case presentation:</strong> Relay proximal scallop?&lt;br&gt;<em>J.-M. Alsac</em></td>
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<tr>
<td>08:50</td>
<td>Incidence and predictors of early and mid-term neurological complications following thoracic endovascular repair&lt;br&gt;<em>M. Piazza</em></td>
</tr>
<tr>
<td>08:55</td>
<td><strong>Recorded case presentation:</strong> Thoracic case with TAG Conformable with active control performed by H. Verhagen&lt;br&gt;<em>D. Böckler</em></td>
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<tr>
<td>09:05</td>
<td>Stroke in TEVAR: How to minimize cerebral damage?&lt;br&gt;<em>T. Kölbl</em></td>
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<tr>
<td>09:10</td>
<td>Aortyx patch: An innovative repair approach for focal aortic defects&lt;br&gt;<em>V. Riambau</em></td>
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<td>09:15</td>
<td>BEVAR by femoral approach with a steerable sheath&lt;br&gt;<em>S. Abisi</em></td>
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<tr>
<td>09:20</td>
<td>Discussion and conclusion</td>
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<tr>
<td>09:30</td>
<td><strong>Symposium: Achieving durable outcomes in endovascular aortic repair: Lessons learned on the benefits of the GORE® ACTIVE CONTROL system</strong>&lt;br&gt;supported with an educational grant from Gore &amp; Associates&lt;br&gt;<strong>Moderator:</strong> S. Trimarchi&lt;br&gt;<strong>Panel:</strong> D. Böckler, H. Verhagen, M. van Sambeek, N. Mosquera, G. Pratesi</td>
</tr>
<tr>
<td>09:30</td>
<td>Introduction</td>
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<tr>
<td>09:35</td>
<td>Active control in TEVAR: When is the use of angulation control beneficial for achieving optimal outcomes?&lt;br&gt;<em>D. Böckler</em></td>
</tr>
<tr>
<td>09:50</td>
<td><strong>Recorded case presentation:</strong> Thoracic case with TAG Conformable with active control performed by H. Verhagen&lt;br&gt;<em>M. van Sambeek</em></td>
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<tr>
<td>10:10</td>
<td>Active control in EVAR: Orthogonal placement and 360 seal using the angulation control&lt;br&gt;<em>N. Mosquera</em></td>
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<td>10:25</td>
<td><strong>Recorded case presentation:</strong> Abdominal case with EXCC performed by N. Mosquera&lt;br&gt;<em>G. Pratesi</em></td>
</tr>
<tr>
<td>10:45</td>
<td>Value of conformability for the success of aortic endovascular repair in the short and long-term&lt;br&gt;<em>G. Pratesi</em></td>
</tr>
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</table>
Pioneering techniques for pathologies of the ascending aorta and the aortic arch

**Moderators:** T. Kölbel, R. Chiesa

**Panel:** R. Kolvenbach, M. Orrico, V. Riambau, X. Jia, A. Holden

11:00 – 11:06
Accuracy and alignment near and in the aortic arch  
G. Rossi

11:06 – 11:12
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

11:12 – 11:18
Endovascular treatment of aortic arch disease  
T. Imaev

11:18 – 11:24
The role of double layer PTFE grafts and in situ fenestration in complex aortic arch cases  
R. Kolvenbach

11:24 – 11:30
Parallel grafts for aortic arch lesions; tips to make them work and when do they  
M. Orrico

11:30 – 11:55
Live case transmission from Paris

11:55 – 12:01
Aortic arch reconstruction with a newly-designed modular branched stent graft – a first-in-man study  
X. Jia

12:01 – 12:07
Endovascular treatment of the ascending aorta – are there indications?  
H. Krankenberg

12:07 – 12:13
Endovascular treatment of true ascending aortic aneurysms:  
The last endovascular frontier?  
R. Kolvenbach

12:13 – 12:19
Endospan Nexus for zone 1 disease of the aortic arch  
A. Holden

12:19 – 12:25
Why and how to wrap the dilated ascending aorta:  
Indications, contraindications, technical tips, and results  
M. Orrico

12:25 – 12:30
Discussion and conclusion
13:30 – 15:00 EVAR for aortic dissections, ruptured aneurysms, and aortic infections
Moderators: V. Riambau, T. Köbel
Panel: M. Malina, M. Orrico, X. Jia, S. Seifert, D. Böckler
Focus on aortic dissection management
13:30 – 13:36 Results of early TEVAR in acute/subacute uncomplicated Type B dissection
D. Böckler
13:36 – 13:42 Morphologic changes in dissected aortas after TEVAR: Remodeling aortas
M. Lescan
13:42 – 13:48 Factors indicating complication for a still uncomplicated Type B dissection
J. Brunkwall
13:48 – 13:54 How to take care of the false lumen in chronic aortic dissection
T. Köbel
13:54 – 14:00 Indicators for distal stent-graft induced new entry (SINE) & controversial discussion and results
D. Böckler
14:00 – 14:06 Conventional surgery for Type A aortic dissection: What’s new?
M. Borger
14:06 – 14:32 Live case transmission from Münster
Focus on management of ruptured aneurysms and aortic infections
14:32 – 14:38 Clinical experience for the treatment of PAU
N. Tsilimparis
14:38 – 14:44 Ruptured AAA – open and endo are complementary and required
D. Böckler
14:44 – 15:00 Discussion and conclusion

15:00 – 16:00 Symposium: Sac dynamics in EVAR: Why AAA sac regression matters
sponsored by Medtronic
Moderators: V. Riambau, J.-P. de Vries
Panel: M. Reijnen, H. Verhagen, G. Pratesi
15:00 – 15:02 Introduction
15:02 – 15:11 Why sac regression matters; how our experience with Endurant informs our practice
H. Verhagen
15:11 – 15:20 How does Type II endoleaks and secondary interventions play a role in overall sac dynamics?
M. Reijnen
15:20 – 15:29 What role do EndoAnchors play in AAA sac dynamics?
G. Pratesi
15:29 – 16:00 Discussion and conclusion
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. Orrico, X. Jia

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&B patients E. Verhoeven

16:15 – 16:40 Live case transmission from Paris

16:40 – 16:45 3D aortic models for the urgent endovascular treatment of thoracoabdominal and juxtarenal aortic pathologies using physician modified stent-grafts D. Branzan

16:45 – 16:50 Parallel grafts are the best way to treat ruptured complex (T)AAAs M. Orrico

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 X. Jia

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
08:00 – 09:00  CLI and CTO summit – complex aortoiliac and femoral interventions  
■ with Sven Bräunlich live from Leipzig  
Moderators: L. Garcia, P. Mwipatayi  
Panel: H. Krankenberg, S. Bartus  
Flash presentation:  
Role for EVUS and IVUS in complex CLI revascularisation  
J. Campbell

09:00 – 10:00  Step by step algorithmic approach to optimize patients outcomes  
supported with an educational grant from Abbott Vascular  
Moderator: L. Maene  
Panel: E. Alejandre Lafont, G. Parlani, R. Langhoff

09:00 – 09:05  Opening  
L. Maene

09:05 – 09:15  Supera in CFA  
E. Alejandre Lafont

09:15 – 09:25  Supera for CTO – subintimal approach  
G. Parlani

09:25 – 09:35  Supera for treatment of long dissections  
S. Bräunlich via satellite from Leipzig cathlab

09:35 – 09:45  Supera in calcified lesions  
R. Langhoff

09:45 – 10:00  Closing

10:00 – 11:00  CLI and CTO summit – complex femoral and BTK interventions  
■ with Marco Manzi live from Abano Terme  
Moderators: R. Langhoff, A. Micari  
Panel: B. DeRubertis, A. R. Chandrashekar, G. Biamino  
Flash presentations:  
Common femoral endovascular therapy: What we can learn from coronary intervention  
G. Chrysant  
Bioresorbable technology for BTK arteries: Existing data and future trials  
B. DeRubertis  
Utility of TCPO2 in managing critical limb threatening ischemia  
C. Bianchi
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<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 11:00 – 12:30 | **The VEITHsymposium session: The use of ultrasound to facilitate complex endovascular techniques, minimize radiation exposure, and limit contrast material**  
  **Moderator: 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**  
  11:56 – 12:03  Carotid stenting under duplex guidance: Is it possible? Is it safe?  
  **E. Ascher**  
  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 |
### Lunch symposium: BioMimics 3D – the Swirling Flow® stent: Nature’s alternative to drug elution

supported with an educational grant from Veryan

**Moderator:** P. Gaines

**Panel:** S. Carpenter, J. Kröger, M. Piorkowski, M. Lichtenberg

**Schedule:**
- 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**
  **M. Lichtenberg**
- 13:20 – 13:30  Discussion and conclusion

### 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

**Schedule:**
- 13:30 – 13:38  Hemoptysis: Endovascular management  
  **A. Al-Sibaie**
  **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

### 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

**Schedule:**
- 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**

**Schedule:**
- 15:00 – 17:00  Discussion and conclusion
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<tr>
<td>10:00 – 11:00</td>
<td><strong>Vascupedia@LINC</strong>&lt;br&gt;Endoleaks – case-based solutions</td>
<td>G. Torsello, V. Riambau</td>
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<tr>
<td></td>
<td><strong>Moderators:</strong> G. Torsello, V. Riambau&lt;br&gt;<strong>Discussants:</strong> M. Gargiulo, G. F. Torsello, R. Chiesa</td>
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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>
</tr>
<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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<td>15:00 – 16:00</td>
<td><strong>VIVA@LINC: Strategies on the frontline</strong>&lt;br&gt;The year in review: Triumph or tragedy – my most surprising case of the past year and how it changed my approach</td>
<td>R. Kolluri, S. Lyden, W. Gray, L. Garcia, J. Rundback</td>
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<td></td>
<td><strong>Moderator:</strong> R. Kolluri&lt;br&gt;<strong>Discussants:</strong> S. Lyden, W. Gray, L. Garcia, J. Rundback</td>
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<td></td>
<td>Aortic&lt;br&gt;W. Gray&lt;br&gt;Femoro-popliteal&lt;br&gt;Tibial-pedal</td>
<td>L. Garcia, J. Rundback</td>
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</table>

This is a 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.
**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*

**Focus on femoropopliteal arteries**

**09:37 – 09:44**  
The controversy about Paclitaxel coated devices – latest evidence  
*W. Gray*

**09:44 – 09:51**  
The retrograde approach for complex femoropopliteal and BTK obstructions  
*A. Fischer*

**09:51 – 09:58**  
Vessel preparation in the SFA before PTA or stenting – the role of optimal balloon angioplasty, high pressure and focal force balloons  
*E. Blessing*

**09:58 – 10:05**  
Rotational and directional atherectomy devices: What works in which lesion?  
*P. Krishnan*

**10:05 – 10:12**  
DES vs. DCB in femoral arteries – what works best?  
*S. Steiner*

**Focus on BTK arteries and CLI**

**10:12 – 10:19**  
Calcification in BTK arteries and recanalisation techniques for CTOs  
*J. Mustapha*

**10:19 – 10:26**  
The role of stents and scaffolds in BTK vessels  
*R. Varcoe*

**10:26 – 10:33**  
The concept of deep venous arterialization for end-stage CLI – current status  
*S. Kum*

**10:33 – 11:00**  
Discussion and conclusion

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**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
ROOM 5 – GLOBAL EXPERT EXCHANGE FORUM
Thursday, 30 January 2020 (cont.)

11:00 – 12:30
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

13:51 – 13:58
Management of ruptured aortic aneurysms
S. Debus

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 via satellite from Leipzig

14:33 – 15:00
Discussion and conclusion
09:00 – 10:00  Challenging cases and complications – renal/embolization/miscellaneous
Moderators: U. Teichgräber, J. van den Berg
09:00 – 09:05  Life threatening hemorrhage after renal artery angioplasty  A. Kerzmann
09:05 – 09:10  A challenging case: Transplanted kidney, stenosed renal artery and giant pseudoaneurysm  M. Ugurlucan
09:10 – 09:15  Was there an error of judgment?  V. Serafimov
09:15 – 09:20  Endovascular treatment of iatrogenic uterine artery pseudoaneurysm  H. Hemmati
09:20 – 09:25  Endovascular interventions to treat life and limb threatening vascular injuries in a complex paediatric pelvic fracture patient  K. K. Wong
09:25 – 09:30  Sclerotherapy of lymphangioma in children: Report of 3 cases  S. Nagib
09:30 – 09:35  Persistent Priapism: 3 cases treated with Geofoam embolization  G. Meirelles
09:35 – 10:00  Discussion and conclusion

10:00 – 11:00  Innovation forum – EVAR/iliac/renal/venous/AV-access
Moderator:  A. Lobato
10:00 – 10:05  Totally open repair of Type IV TAAA by de-branching each visceral artery and tube graft with prior thoraco-iliac conduit  M. Haggag
10:05 – 10:10  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
10:10 – 10:15  The utility of a novel distal protection system with an OPTIMO guiding catheter for the occluded lesion of the iliac artery  T. Taguchi
10:15 – 10:20  Adventitial neuromodulating agents for renal denervation: Pharmacy vs. chemistry  K. Seward
10:20 – 10:25  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
10:25 – 10:30  Endovascular arteriovenous fistula (endoAVF) creation – comparing the 4F and 6F Wavelinq system for Hemodialysis access  T. Steinke
10:30 – 10:35  Endovascular ‘Banding’ with angioplasty of forearm arteries: A new approach to manage dialysis-associated steal syndrome  A. Lagha
10:35 – 10:40  Percutaneous endovascular arteriovenous fistula creation for hemodialysis access using "off-the-shelf" conventional devices  M. Lobato
10:40 – 10:45  Real time evaluation of blood flow patterns of AAA depending on intra-aneurysmal thrombosis using AneurysmFlow  J. Y. Kim
10:45 – 11:00  Discussion and conclusion
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>11:00</td>
<td><strong>Challenging cases and complications – CLI/BTK</strong></td>
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<tr>
<td>11:00</td>
<td>Moderators: L. Palena, L. Garcia</td>
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<tr>
<td>11:05</td>
<td>Standardizing zero contrast CLI angioplasty in CKD: From aorta to tibials</td>
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<td>11:10</td>
<td>P. Michael</td>
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<td>11:15</td>
<td>Utility of alternative access in complex CLI revascularisation</td>
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<td>11:20</td>
<td>J. Campbell</td>
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<td>11:25</td>
<td>“TurboCat” (Laser+Penumbra) Technique for ALI and non-ALI peripheral</td>
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<td>11:30</td>
<td>disease interventions</td>
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<td>11:35</td>
<td>K. Madassery</td>
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<tr>
<td>11:40</td>
<td>Combined arterial revascularisation, free-flap transfer, and rehabilitation program for limb salvage in patients with major tissue loss from chronic limb threatening ischemia</td>
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<tr>
<td>11:45</td>
<td>S. Hahtapornsawan</td>
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<tr>
<td>11:50</td>
<td>Anterior tibial artery to anterior tibial vein deep vein arterialization</td>
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<td>11:55</td>
<td>for limb salvage</td>
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<td>12:00</td>
<td>K. Madassery</td>
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<td>12:05</td>
<td>Application of retrograde pedal access, transcollateral and pedal-plantar loop approach in a young CLI patient with all BTK total occlusions</td>
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<td>12:10</td>
<td>J.-H. Lee</td>
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<td>12:15</td>
<td>Hybrid open-endovascular thrombectomy of the lower limb for acute limb ischemia combining standard Fogarty balloon thrombectomy and the use of the Indigo system</td>
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<td>12:20</td>
<td>G. Coppi</td>
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<td>12:25</td>
<td>Case of acute digital artery occlusion in upper extremities, treated</td>
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<td>12:30</td>
<td>with fibrinolytic treatment</td>
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<td>12:35</td>
<td>K. Horie</td>
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<tr>
<td>12:40</td>
<td>Unique technique for treatment of critical hand ischemia</td>
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<td>12:45</td>
<td>A. Bahro</td>
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<tr>
<td>12:50</td>
<td>Discussion and conclusion</td>
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</table>
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
13:30 – 15:00  Challenging cases and complications – PVD/femoral/popliteal (part II)
Moderators: P. Krishnan, M. Thieme

13:35 – 13:40  Successful removal of a fractured catheter tip using 0.014 inch wires during heavily calcified femoropoliteal artery intervention  H.-S.Kim
13:40 – 13:45  Relining of gardener’s stent fracture (Supera stent fracture) in popliteal artery  J. K. Kim
13:45 – 13:50  Acute limb ischemia caused by thrombotic occlusion of a persisting sciatic artery  D. Kretzschmar
13:50 – 13:55  Successful endovascular treatment of an acute thrombosed popliteal aneurysm  M. P. Lamarca Mendoza
13:55 – 14:00  “Distal” hybrid intervention in case of diffuse atherosclerosis of femoral-popliteal zone in patient with critical limb ischemia  O. Oganesyan
14:00 – 14:05  Challenging contralateral femoral access throughout a chronically occluded right iliac-femoral arterial axis for endovascular treatment of long left superficial femoral artery occlusion  A. Silvestro
14:05 – 14:10  The downside of closure devices  G. Chrysant
14:10 – 14:15  Urgent endovascular therapy for dislodged angio-seal arterial closure devices; including intravascular ultrasound and angioscopy imaging of dislodged angio-seal  N. Ito
14:15 – 14:20  Incidence, predictors and prognostic implications of hospitalization for late bleeding after endovascular therapy  K. Hishikari
14:20 – 14:25  On-site modified sheath to overcome the undesirable catheterization of the profunda femoral artery during antegrade femoral access  M. Lobato
14:25 – 14:30  Eximo medical’s (an AngioDynamics Inc. company) B-Laser™ experience without GW  W. Kuczmik
14:30 – 14:35  Hybrid management for common femoral artery (CFA) disease  A. Sayed
14:35 – 15:00  Discussion and conclusion
<table>
<thead>
<tr>
<th>Time</th>
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<th>Presenters</th>
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<tbody>
<tr>
<td>09:30 – 11:00</td>
<td><strong>Challenging cases and complications – EVAR general/infrarenal (part I)</strong></td>
<td><strong>Moderators:</strong> F. Moll, S. Botsios</td>
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<tr>
<td>09:30 – 09:35</td>
<td>Recanalisation of chronic iliac artery occlusion, with EVAR-IBE and TEVAR for aortoiliac aneurysms after previous open repair of Type II thoracoabdominal aortic aneurysm</td>
<td>A. El-Bakr</td>
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<td>09:35 – 09:40</td>
<td>Iliac conduit construction without vascular control: An alternative access for bail-out stent grafting to salvage failed IBD implantation with retained delivery system</td>
<td>K. Hongku</td>
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<td>09:40 – 09:45</td>
<td>Percutaneous puncture of angioplasty balloon for creating an access route for endovascular aortic aneurysm repair</td>
<td>M. Inagaki</td>
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<td>09:45 – 09:50</td>
<td>Ease of deployment of the TREO stent-graft: Value in resident training</td>
<td>B. Rylski</td>
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<td>09:50 – 09:55</td>
<td>EVAR in a case of infrarenal abdominal aortic pseudoaneurysm – salvaged by indigenous modification of EVAR technique and on table device modification</td>
<td>S. Kumar</td>
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<tr>
<td>09:55 – 10:00</td>
<td>Sequentially treated both internal iliac aneurysms with stenting and coiling method via endovascular approach</td>
<td>S. Oh</td>
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<td>10:00 – 10:05</td>
<td>Chimney EVAR with 10 complication</td>
<td>J. Kojuri</td>
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<td>10:10 – 10:15</td>
<td>Endovascular solutions for maldeployment of contralateral limb in EVAR.</td>
<td>S. Koussayer</td>
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<td>10:15 – 10:20</td>
<td>An unusual case of delayed complete aortic graft occlusion treated by kissing balloon expandable covered stents and renal chimney</td>
<td>C. Panzano</td>
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<tr>
<td>10:20 – 10:25</td>
<td>Total laparoscopic inferior mesenteric artery ligation and direct sac puncture embolization technique for treatment of Type II endoleak</td>
<td>E. San Norberto-Garcia</td>
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<tr>
<td>10:25 – 10:30</td>
<td>Management of an AAA with obstructive uropathy by EVAR using 20ml of contrast</td>
<td>A. Sayed</td>
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<td>10:30 – 10:35</td>
<td>Ilio-renal endovascular bypass: An innovative technique to preserve an accessory renal artery in endovascular abdominal aortic repair (EVAR)</td>
<td>C. Tello-Diaz</td>
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<td>10:35 – 11:00</td>
<td>Discussion and conclusion</td>
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<tr>
<td>11:00 – 12:30</td>
<td><strong>Challenging cases and complications – EVAR general/infrarenal (part II)</strong></td>
<td>Moderators: F. Vermassen, H. Verhagen</td>
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<td>11:00 – 11:05</td>
<td>Unexpected mid-term results after endovascular aneurysm sealing</td>
<td>R. Villardefrancos</td>
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<td>11:05 – 11:10</td>
<td>Recurrence mycotic aneurysm after successful EVAR, good imaging does not mean good result</td>
<td>N. Wiangphoem</td>
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<td>11:10 – 11:15</td>
<td>Endovascular management of iliocaval fistula using stent-graft and vascular plug</td>
<td>J.-H. Won</td>
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<td>11:15 – 11:20</td>
<td>Retrograde fenestration of inadvertently deployed overbifurcation stent graft</td>
<td>A. Allam</td>
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<td>11:20 – 11:25</td>
<td>A challenging case of a leaking bypass graft following open aortic aneurysm repair in a patient</td>
<td>S. Prabhudesai</td>
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<td>11:25 – 11:30</td>
<td>with iodine contrast allergy successfully relined with EVAR stent graft using carbon dioxide</td>
<td>G. Gemayel</td>
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<tr>
<td>11:30 – 11:35</td>
<td>Cardio-circulatory breakdown by rupture of iliac aneurysm: The endovascular solution to survive</td>
<td>B. Conti</td>
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<tr>
<td>11:35 – 11:40</td>
<td>Endovascular treatment of an abdominal aortic aneurysm with a very narrow lumen using an iliac</td>
<td>G. Gemayel</td>
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<td>11:40 – 11:45</td>
<td>Colt as a rescue device for failed EVAS</td>
<td>P. Szopiński</td>
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<tr>
<td>11:45 – 11:50</td>
<td>LASER-MADE (in situ laser fenestration) for treatment endoleak Type 1A</td>
<td>M. Majewski</td>
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<tr>
<td>11:50 – 11:55</td>
<td>Endovascular options of treating iliac aneurysm</td>
<td>M. Majewski</td>
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<tr>
<td>12:00 – 12:05</td>
<td>Treatment of complex visceral and iliac aneurysms with endografts</td>
<td>E. Alejandre Lafont</td>
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<tr>
<td>12:05 – 12:10</td>
<td>Trouble shooting after iliac side branch implantation</td>
<td>S. Seifert</td>
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<tr>
<td>12:10 – 12:30</td>
<td>Discussion and conclusion</td>
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<tr>
<td>12:30 – 13:30</td>
<td><strong>Challenging cases and complications – visceral</strong></td>
<td>Moderators: O. Bakker, E. Alejandre Lafont</td>
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<tr>
<td>12:30 – 12:35</td>
<td>A case of rapidly expanding superior mesenteric artery aneurysm in a patient with systemic</td>
<td>H. S. Park</td>
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<tr>
<td>12:35 – 12:40</td>
<td>Endovascular management of massive hemobilia due to cystic artery pseudoaneurysm following</td>
<td>A. Khan</td>
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<tr>
<td>12:40 – 12:45</td>
<td>Venous sac embolization for huge arteriovenenous malformation around pancreas with AV shunt</td>
<td>S. Onozawa</td>
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<tr>
<td>12:45 – 12:50</td>
<td>Emergency treatment of ruptured giant splenic artery aneurysm after endovascular approach</td>
<td>R. Corbetta</td>
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<tr>
<td>12:50 – 12:55</td>
<td>Endovascular management of a giant aneurysm of the Celiac Trunk</td>
<td>G. Galzerano</td>
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<td>12:55 – 13:00</td>
<td>Clinical outcomes of endovascular intervention and open surgical repair for mesenteric ischemia</td>
<td>M. Ansari</td>
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<tr>
<td>13:00 – 13:05</td>
<td>Complex interventions in abdominal aorta and its branches in children with Takayasu arteritis</td>
<td>R. Vijayvergiya</td>
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<tr>
<td>13:05 – 13:10</td>
<td>Management of mesenteric ischemia in contaminated peritoneal cavity by using reversed femoral</td>
<td>A. Savlania</td>
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<tr>
<td>13:10 – 13:30</td>
<td>Discussion and conclusion</td>
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Join us for brunch, served from 08:45am until 11:00am

09:00 – 13:00

**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. 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
**ROOM 3 – TECHNICAL FORUM**

*Friday, 31 January 2020*

**09:00 – 13:00**

*Join us for brunch, served from 08:45am until 11:00am*

**“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

13:00 – 14:30

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

**Jurors:** R. Bulbulia, K. Brachmann

**Challenging cases: Venous, AV-shunt, carotid**

13:00 – 13:05

Rare case of successful endovascular treatment of superior vena cava syndrome caused by Ormond’s disease  
*N. Zherdev*

13:05 – 13:10

Venoplasty and stenting of iliac vein in two patients with severe iliac vein stenosis resulting from diffuse pelvic mass  
*N. Tadayon*

13:10 – 13:15

A real world experience of endovascular treatment in deep vein postthrombotic syndrome, 9 year follow-up and reintervention history – a single case report  
*V. Zaiceva*

13:15 – 13:20

Facilitated central venoplasty with catheter directed thrombolysis procedure in a hemodialysis patient: A case report  
*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*

13:30 – 13:35

A case of endovascular treatment of a patient with inferior vena cava syndrome  
*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*

13:50 – 13:55

Upper limb DVT due to thoracic outlet syndrome: A case report  
*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 – 16:30

Moderated poster round in front of Main arena 1
Jurors: R. Kolluri, P. Odrawacz-Pieniazek

Original research: Venous, AV-fistulae, AV-shunt, carotid

15:00 – 15:05
Are drug coated balloon effective in the treatmet of hemodialysis vascular access? Our experience
M. Serna

15:05 – 15:10
The COVERA stentgraft for the treatment of recurrent cephalic arch stenosis in hemodialysis accesses
T. Steinke

15:10 – 15:15
Facilitated catheter directed thrombectomy of acute pulmonary emboli a new facilitated regimen; preliminary results of an ongoing study
E. Soydan

15:15 – 15:20
Role of VAC assisted therapy in treatment of post phlebitic ulcers
H. Sharaf ElDin

15:20 – 15:25
Percutaneous pharmaco-mechanical thrombectomy of acute symptomatic superior mesenteric vein thrombosis
P. Rabuffi

15:25 – 15:30
Comparative analysis of stenting and hybrid operations in patients with postthrombotic syndrome
I. Popova

15:30 – 15:35
Laser crossectomy vs. anterior accessory vein laser ablation in treating anterior accessory vein reflux
M. Nagib

15:35 – 15:40
Short term outcomes and complications of patients with intermediate-high or high risk pulmonary embolism treated with percutaneous ultrasound-assisted catheter-directed thrombolysis
F. Klein

15:40 – 15:45
Single session rheolytic thrombectomy to treat acute deep vein thrombosis: Early and midterm results of a multi-center prospective Zelé registry
C. del Giudice

15:45 – 15:50
Impact on deep vein thrombosis with the use of thromboaspiration devices vs. manual
R. Costantini

15:50 – 15:55
Venous insufficiency and ulceration in South India
N. R. Pradhan

15:55 – 16:00
Aspiration and mechanical thrombectomy for acute deep venous thrombosis
A. Hilles

16:00 – 16:05
Hybrid management of acute deep vein thrombosis in the iliac vein.
Eliminating once and for all the anatomical occlusion-stenosis
L. Alvarado

16:05 – 16:10
VasQ support device is associated with improved post-operative vein diameter in radio-cephalic arterio-venous fistula
G. Derone

16:10 – 16:15
Efficacy of the transjugular approach in the endovascular intervention for hemodialysis access
J. G. Gwon

16:15 – 16:20
Does intravascular visualization help in carotid artery stenting?
N. Zherdev

16:20 – 16:25
The clinical characteristics and outcomes of carotid body tumors in Chinese patients: A population-based study
L. Yang

16:25 – 16:30
The use of CGuard stents; U. K. experience
S. D’Souza
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. Garcia, 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
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: 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 sciatic 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
### Moderated poster round in front of Main arena 1

**Jurors:** D.-D. Do, G. Adams

**Original research and challenging cases:** PVD, CLI

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

09:00 – 10:50  Moderated poster round in front of Main arena 1
   Jurors: P. Kasprzak, F. Vermassen

Challenging cases: EVAR (part I)
09:00 – 09:05  Insitu fenestration for celiac trunk vessel preservation during TEVAR  M. Sharafutdinov
09:05 – 09:10  Type I endoleak treated with customized proximal cuff  C. Quintero-Pérez
09:10 – 09:15  A Type B dissection challenging case  E. Peretti
09:15 – 09:20  An AFX bifurcated unibody endograft in extremely severe narrowing of distal aortic bifurcation  S. Orrapin
09:20 – 09:25  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
09:25 – 09:30  Correction of juxtarenal abdominal aortic aneurysm with fenestrated Anaconda endoprosthesis: 5-year follow-up  A. Moraes
09:30 – 09:35  Branch associated with chimney technic to treat thoraco-abdominal aortic aneurysms  G. Meirelles
09:35 – 09:40  Successful endovascular management of an aortocaval fistula  A. Mathew
09:40 – 09:45  Challenges of Pheochromocytoma during Endovascular of Abdominal Aortic Aneurysm Repair (EVAR) – a case report  R. Makar
09:45 – 10:50  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

11:00 – 12:05  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  EVAR in aorto-enteric fistula  M. A. Fabiani
   11:25 – 11:30  Treatment of challenging AAA neck with EVAR combined with E-XL nitinol stent  R. Dammrau
   11:30 – 11:35  The multidisciplinary approach in treatment patient with aortic aneurysm and cancer  M. Chernyavskiy
   11:35 – 11:40  Clinical case of successful acute aortic dissection of deBakey Type III treatment complicated with rupture and massive left hemothorax  N. Zherdev
   11:40 – 11:45  New endovascular solution in the treatment of complex pararenal aneurysms  F. Benedetto
   11:45 – 11:50  Complex Type III endoleak in long-term FEVAR treated with thoracic endoprosthesis  C. Quintero-Pérez
   11:50 – 11:55  Delayed ischemia colitis after surgery for Type A acute aortic dissection: A night mare  S. Nguyen
   11:55 – 12:00  Pigtail catheter navigation through the true lumen in dissecting Type B TAAA in absence of IVUS  M. Haggag
   12:00 – 12:05  Successful treatment of post-traumatic arch pseudoaneurysm with fenestrated custom-made TEVAR  J. Sousa
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

P. Szopiński

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

Y. Ogawa

Y. Katada

13:30 – 13:35 Type II endoleak treatment: Technical solutions and outcomes of a single center  
I. F. Carlo Ruotolo

13:35 – 13:40 First experience with new low-profile thoracic stent-graft prosthesis for thoracic aortic pathologies  
H. El Beyrouti

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

C. Speter

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. Pagliaricco
**SCIENTIFIC POSTERS**

**Thursday, 30 January 2020 (cont.)**

Electronic posters will be displayed from 08:00 – 18:00 in front of Main arena 1

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<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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</thead>
<tbody>
<tr>
<td>14:30</td>
<td>Moderated poster round in front of Main arena 1</td>
<td>Jurors: S. Basche, E. Alejandro Lafont</td>
</tr>
<tr>
<td></td>
<td><strong>Original research und challenging cases:</strong></td>
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<tr>
<td></td>
<td>Iliac, embolization, visceral, miscellaneous</td>
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<tr>
<td>14:30</td>
<td>Safety and efficacy of covered endovascular reconstruction of the aortic bifurcation (CERAB) technique for relining of failed aorto-iliac stenting:</td>
<td>M. A. Ruffino</td>
</tr>
<tr>
<td>14:35</td>
<td>Midterm results of the Viabahn® in the external iliac artery occlusive disease</td>
<td>V. Mosquera Rey</td>
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<tr>
<td>14:40</td>
<td>Long-term results after endovascular approach in bilateral aorto-iliac occlusive disease</td>
<td>N. Zherdev</td>
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<tr>
<td>14:45</td>
<td>Efficacy of CT fusion 3D-roadmap for iliac artery chronic total occlusion</td>
<td>N. Hayakawa</td>
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<tr>
<td>14:50</td>
<td>Fracture and reocclusion of balloon-expandable stent in the common iliac artery due to spinal spoor</td>
<td>P. Tokarev</td>
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<tr>
<td>14:55</td>
<td>Mechanical thrombectomy using Rotarex for aortobifemoral synthetic graft thrombosis</td>
<td>Y. Jenab</td>
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<tr>
<td>15:00</td>
<td>Profound hypotension following angioplasty of known case of Leriche syndrome</td>
<td>M. H. Namazi</td>
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<tr>
<td>15:05</td>
<td>Endovascular treatment of an iatrogenic rupture of the external iliac artery following rotational thrombectomy</td>
<td>A. Eid</td>
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<tr>
<td>15:10</td>
<td>Interventional radiology in the diagnosis and treatment of lymphatic leaks</td>
<td>A. Ruiz Guanter</td>
</tr>
<tr>
<td>15:15</td>
<td>Endovascular treatment of an aneurysm of the splenic artery</td>
<td>B. Conti</td>
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<tr>
<td>15:20</td>
<td>Splenic artery injury</td>
<td>N. Algharem</td>
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<tr>
<td>15:25</td>
<td>Post renal transplant left external iliac artery pseudoaneurysm</td>
<td>N. Algharem</td>
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<tr>
<td>15:30</td>
<td>Right ventricular metastatic tumor diagnosed by transvenous forceps biopsy</td>
<td>H. Sugawara</td>
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<tr>
<td>15:35</td>
<td>Feasibility and clinical outcome of REBOA in patients with impending traumatic cardiac arrest</td>
<td>D. McGreevy</td>
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<tr>
<td>15:40</td>
<td>Challenging case of critical limb ischemia in young female</td>
<td>E. Peretti</td>
</tr>
<tr>
<td>15:45</td>
<td>Evaluating the response to treatment of central venous stenos or obstruction by balloon angioplasty in patients with hemodialysis</td>
<td>A. Saroukhani</td>
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Exhibitors:

1a Concept Medical
2 Gore & Associates
3 Abbott
4 Medtronic
5a Shockwave
5b Alvimedica
5d LINC lounge
6b Asahi Intecc
6c Penumbra
6d Cordis
7a BD
7b Angiodroid
7c iVascular
8 Cook Medical
9 Medtronic
10a Balton
10b Adept Medical
10c Avinger
10d Vivasure Medical
11a Endologix
11b Straub Medical
12a Acotec
12b Bentley
13a Philips
13b Getinge
14a BIOTRONIK
15a Andramed/AngioPro
15b OrbusNeich
15c Cydar
15d Veyyan
16a1 QualiMed
16a2 Micro Medical Solutions
16b wisepress
16c Ziehm, Therenva, Stille
16d1 Lombard Medical
16d2 Inspire MD
17 Boston Scientific
18a CryoLife
18b Siemens
18c1 Genae
18c2 Meril Lifescience
18d1 Oscor
19a Terumo Aortic
19b Merit Medical
19c Cardionovum
20a Optimed
20b B. Braun
20c Lifetech
30 VentureMed
31 ALN
32 Tokai
33 Teleflex
34 Profusa
35 Möller-Medical
36 SciTech
41 Intact Vascular
42 Swl Medizin
43 Vascular News
44 Zylox
45 Laminate Medical
46 Control Distal Transit
47 Upstream Peripheral Technologies

Table top exhibitors:

TT1 PQ Bypass
TT2 HMP Global
TT3 EVDT
TT4 Walk Vascular
TT5 SITE
TT6 Minerva Medica
TT7 VIVA
TT8 Canon Medical Systems
TT9 Medyria
TT10 Andratec
TT11 Kinepict Health
TT12 Future meeting table

Faculty:

C1 Faculty lounge
C2 Speaker ready room
C3 CongO office
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
- Balance Hotel Leipzig Alte Messe
- Book Hotel Leipzig
- Dorint
- H+ Hotel Leipzig
- H4 Hotel Leipzig
- Hotel & Restaurant Michaelis
- Hotel Fürstenhof
- Hotel Innside by Melia
- Hotel The Westin Leipzig
- IntercityHotel Leipzig
- Leipzig Marriott Hotel
- LOGINN by ACHAT Leipzig
- Mercure Hotel Art Leipzig
- NH Leipzig Messe
- Pentahotel Leipzig
- Radisson Blu Hotel
- Sachsenpark-Hotel
- Seaside Park Hotel Leipzig
- 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
Industry support

We would like to sincerely thank the following companies for their generous support of LINC 2020.

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