

LEIPZIG
INTERVENTIONAL
COURSE
2020

L I N C

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.



GENERAL INFORMATION

The Venue

Trade Fair Leipzig, Hall 2
Messe-Allee 1
04356 Leipzig, Germany
www.leipziger-messe.de

Room 1 – Main arena 1

1

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

Room 2 – Main arena 2

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

3

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

Room 4 – Discussion forum

4

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

Room 5 – Global expert exchange forum

5

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

6

7

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 Congress Convention Center, *Osaka, Japan*

LINC@PAIRS

28 February 2020, Grand Hyatt, *Dubai, United Arab Emirates*

LINC@SITE

27 March 2020, School of Medicine, University of Barcelona, *Barcelona, Spain*

LINC@CICE

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

LINC@CX

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

LINC Asia-Pacific

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

LINC@DGA

11 September 2020, bigBOX ALLGÄU Conference, *Kempten, Germany*

LINC@CCT

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

LINC@VIVA Conference

2–5 November 2020, Wynn Las Vegas, *Las Vegas, USA*

LINC@CEC

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

LINC@VEITHsymposium

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

LINC Australia/VERVE Symposium

3–5 December 2020, International Convention Centre (ICC), *Sydney, Australia*

Visit the LINC around the world website for updates:

www.linc-around-the-world.com

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

Focus on BTK arteries and CLI

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

Focus on endovascular aortic repair

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

Focus on venous interventions

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

Focus on embolization procedures

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

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

The format will allow an informal discussion with participation of the audience after each theme complex. A round table will enable you to ask questions and get the answers you do not get anywhere else.

Do not miss, get interactive in the nurse and technician session @ LINC.

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 program. 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.

LIVE CASE TRANSMISSION

During LINC 2020 several live cases will be performed from national and international centers.

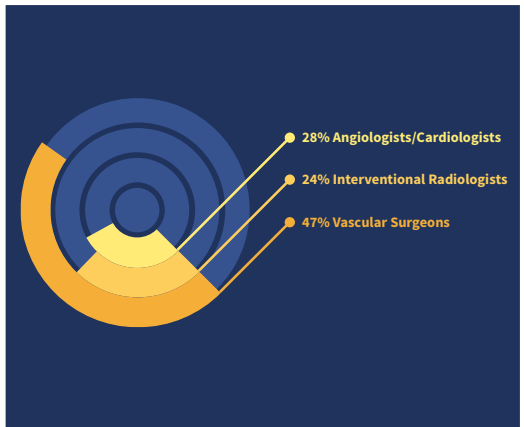
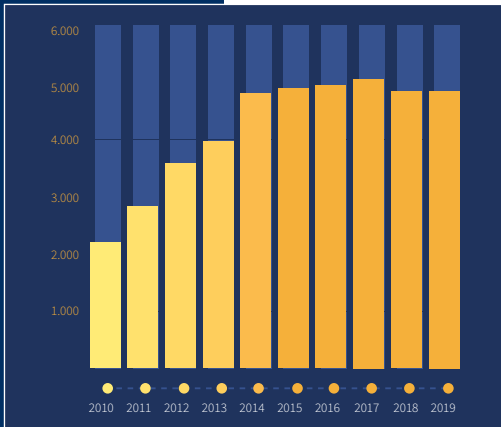
All live case transmissions are coordinated, filmed, and produced by the mediAVentures crew, using the latest in high definition television and wireless technology.

- **University Hospital Leipzig**, *Leipzig, Germany*
- **Policlinico Abano Terme**, *Abano Terme, Italy*
- **Humanitas Gavazzeni Bergamo**, *Bergamo, Italy*
- **Sankt-Gertrauden-Hospital**, *Berlin, Germany*
- **Johann Wolfgang Goethe University**, *Frankfurt a. Main, Germany*
- **Galway University Hospital**, *Galway, Ireland*
- **University Hospital Jena**, *Jena, Germany*
- **Wellmont CVA Heart & Vascular Institute**, *Kingsport, TN, USA*
- **St. Franziskus Hospital**, *Münster, Germany*
- **Hôpital Marie Lannelongue**, *Paris, France*
- **UniversitätsSpital Zürich**, *Zurich, Switzerland*



LINC 2019 STATISTICS

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



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



GENERAL INFORMATION

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 calendar”-tool to create your own LINC schedule, as well as a very convenient filter to find your points of interest faster. The most exciting feature of the app is the presentation of the 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 Rimbau, 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, *Sapporo, Japan*

Ramon Varcoe, Vascular Surgeon, *Sydney, Australia*

Hiroyoshi Yokoi, Cardiologist, *Fukuoka, Japan*

Thomas Zeller, Cardiologist, Angiologist, *Bad Krozingen, Germany*

CHAIRMAN LIVE CASE PROGRAMME

Andrej Schmidt, Cardiologist, Angiologist, *Leipzig, Germany*

LIVE CASE COMMITTEE

Martin Austermann, Vascular Surgeon, *Münster, Germany*

Ralf Langhoff, Angiologist, *Berlin, Germany*

Marco Manzi, Interventional Radiologist, *Abano Terme, Italy*

Chris Metzger, Interventional Radiologist, *Kingsport, United States*

Antonio Micari, Cardiologist, *Palermo, Italy*

Gerard O'Sullivan, Interventional Radiologist, *Galway, Ireland*

Thomas J. Vogl, Interventional Radiologist, *Frankfurt, Germany*

INVITED FACULTY

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*
Karin 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*

INVITED FACULTY

Jose Antonio del Castro, Vascular Surgeon, *Oviedo, Spain*
Koen Deloose, Vascular Surgeon, *Dendermonde, Belgium*
Brian DeRubertis, Vascular Surgeon, *Los Angeles, United States*
Sanjay Desai, Vascular Surgeon, *Bangalore, India*
Ioannis Diamantis, Radiologist, *Jena, Germany*
Dai-Do Do, Angiologist, *Bern, Switzerland*
Bart Dolmatch, Interventional Radiologist, *Palo Alto, United States*
Konstantinos Donas, Vascular Surgeon, *Münster, Germany*
Eric Ducasse, Vascular Surgeon, *Bordeaux, France*
Stephan Duda, Interventional Radiologist, *Berlin, Germany*
Sandra Düsing, Internist, *Leipzig, Germany*
Mert Dumantepe, Cardiovascular Surgeon, *Istanbul, Turkey*
Michael Edmonds, Diabetologist, *London, United Kingdom*
Pedro Eerdmans, Industry, *Geneva, Switzerland*
Christian Erbel, Cardiologist, Angiologist, *Heidelberg, Germany*
Enrique Esteban Hernandez, Interventional Radiologist, *Valencia, Spain*
Christian Etz, Cardiac Surgeon, *Leipzig, Germany*
Gianluca Faggioli, Vascular Surgeon, *Bologna, Italy*
Fabrizio Fanelli, Vascular and Interventional Radiologist, *Florence, Italy*
Jorge Fernández Noya, Vascular Surgeon, *Santiago de Compostela, Spain*
Roberto Ferraresi, Interventional Cardiologist, *Milan, Italy*
Aloke Finn, Interventional Cardiologist, *Gaithersburg, United States*
Bram Fioole, Vascular Surgeon, *Rotterdam, Netherlands*
Axel Fischer, Internist, *Leipzig, Germany*
Tobias 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*
Martin Jonczyk, Radiologist, *Berlin, Germany*
Robert Jones, Consultant Interventional Radiologist, *Birmingham, United Kingdom*
Andrea Kahlberg, Vascular Surgeon, *Milan, Italy*
Piotr Kasprzak, Vascular Surgeon, *Regensburg, Germany*
Konstantinos Katsanos, Interventional Radiologist, *London, United Kingdom*
Daizo Kawasaki, Interventional Cardiologist, *Osaka, Japan*
Roger Kessels, Industry, *Eindhoven, Netherlands*
Panagiotis Kitrou, Interventional Radiologist, *Patras, Greece*
Raghu Kolluri, Angiologist, *Columbus, United States*
Ralf Kolvenbach, Vascular Surgeon, *Düsseldorf, Germany*
Grigorios Korosoglou, Cardiologist, Angiologist, *Weinheim, Germany*
Hans Krankenberg, Cardiologist, Angiologist, *Hamburg, Germany*
Theodoros Kratimenos, Interventional Radiologist, *Athens, Greece*
Prakash Krishnan, Interventional Cardiologist, *New York, United States*
Jan Kröger, Vascular Surgeon, *Cologne, Germany*
Miltiadis Krokidis, Interventional Radiologist, *Cambridge, United Kingdom*
Tina Lautenschläger, Vascular Surgeon, *Leipzig, Germany*
Holger Lawall, Angiologist, *Ettlingen, Germany*
Mario Lescan, Vascular Surgeon, *Tübingen, Germany*
Donglin Li, Vascular Surgeon, *Hangzhou, China*
Michael Lichtenberg, Angiologist, *Arnsberg, Germany*
Francesco Liistro, Interventional Cardiologist, *Arezzo, Italy*
Romarc 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 Mwiripatayi, Vascular Surgeon, *Perth, Australia*
Tatsuya Nakama, Cardiologist, *Miyazaki, Japan*
Sigrid Nikol, Cardiologist, Angiologist, *Hamburg, Germany*
Piotr Odrowaz-Pieniazek, 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 Rylski, Cardiovascular Surgeon, *Freiburg, Germany*
Ravish Sachar, Interventional Cardiologist, *Raleigh, United States*
Oliver Schlager, Angiologist, *Vienna, Austria*
Michiel Schreve, Vascular Surgeon, *Beverwijk, Netherlands*
Johannes Schuster, Angiologist, *Leipzig, Germany*
Arne Schwandt, 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*

ASSOCIATED FACULTY

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 Rodríguez 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*

- 08:00 – 09:30** **Symposium: Stepping forward: Changing the standard of care in lower limb treatments**
supported with an educational grant from Abbott Vascular
Moderator: D. Scheinert
Panel: L. Palena, Y. Gouëffic, K. Deloose. E. Blessing
- 08:00 – 08:05 Welcome *D. Scheinert*
- 08:05 – 08:13 Mimetic stent technology – providing safe, sustained, and optimal care
E. Blessing
- 08:13 – 08:38 ■ *Live case transmission from Leipzig*
- 08:38 – 08:46 Supersub II – preliminary results *L. Palena*
- 08:46 – 08:54 STELLA Supera – 12-month results revealed *Y. Gouëffic*
- 08:54 – 09:19 ■ *Live case transmission from Leipzig*
- 09:19 – 09:27 Supera VMI-CFA study – 2-year follow-up, ready to change the standard of care? *K. Deloose*
- 09:27 – 09:30 Discussion and conclusion



09:30 – 11:00	<p>Latest insights on safety and efficacy of drug-coated devices <i>Moderators: D. Scheinert, W. Gray</i> <i>Panel: H. Yokoi, A. Holden, M. Brodmann, P. Schneider, T. Zeller, E. Freisinger</i></p> <p>Focus on Paclitaxel safety</p>
09:30 – 09:40	The controversy about Paclitaxel safety – where do we stand? A summary of concerns, available data, and open questions <i>A. Holden</i>
09:40 – 09:45	First time data release: In depth independent safety analysis by Syntactx (CRO) of the Lutonix SFA DCB <i>K. Ouriel</i>
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 <i>P. Schneider</i>
09:50 – 09:55	New long-term information on PTX coated DCB: 5-year results from the AcoArt study <i>X. Jia</i>
09:55 – 10:00	Latest information on long-term efficacy and safety on the Zilver PTX programme <i>T. Zeller</i>
10:00 – 10:05	Mortality after use of Paclitaxel-based devices in peripheral arteries: A real-world safety analysis <i>E. Freisinger</i>
10:05 – 10:12	The presence and the future of drug-coated devices: What to expect in the next 5 years? <i>W. Gray</i>
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 <i>S. Steiner</i>
10:22 – 10:27	First time data release: 6-month results from Lutonix SFA Japan PMS update <i>Y. Soga</i>
10:27 – 10:32	First time data release: Illuminate 4-year update <i>S. Lyden</i>
10:32 – 10:37	Drug-coated balloon angioplasty of femoropopliteal lesions maintained superiority over standard balloon – 2-year results of the randomized EffPac trial <i>D. Scheinert</i>
10:37 – 10:42	RANGER II SFA: Randomized trial of RANGER DCB vs. PTA in the SFA <i>M. Brodmann</i>
10:42 – 10:47	The DCB dose difference: A comparison of drug in tissue of different .018 DCBs <i>A. Holden</i>
10:47 – 10:52	Post-DCB dissection repair: 12-month results from TOBA III <i>C. Wissgott</i>
10:52 – 11:00	Discussion and conclusion

11:00 – 12:30

Symposium: Advanced techniques for the treatment of CLI patients

supported with an educational grant from Philips

*Moderators: M. Manzi, J. Mustapha**Panel: K. Stavroulakis, M. Lichtenberg, R. Ferraresi*

11:00 – 11:06

The role of advanced imaging in CLI *K. Stavroulakis*

11:06 – 11:26

■ *Live case transmission from Leipzig*

11:26 – 11:32

The role of vessel prep in CLI *M. Lichtenberg*

11:32 – 11:52

■ *Live case transmission from Bergamo*

11:52 – 11:58

DCB in CLI: Rationale and benefit in current times *R. Ferraresi*

11:58 – 12:30

Discussion and conclusion

12:30 – 13:25

Lunch symposium: Paclitaxel and your practice: Global perspectives

supported with an educational grant from COOK Medical

*Moderator: W. Gray**Panel: T. Zeller, O. Iida, R. Morgan, I. Baumgartner*

12:30 – 12:32

Introduction *W. Gray*

12:32 – 12:42

How Paclitaxel is perceived in Japan *O. Iida*

12:42 – 12:52

Impact of society guidelines in my daily practice *R. Morgan*

12:52 – 13:02

Applying the guidelines to my treatment algorithm *I. Baumgartner*

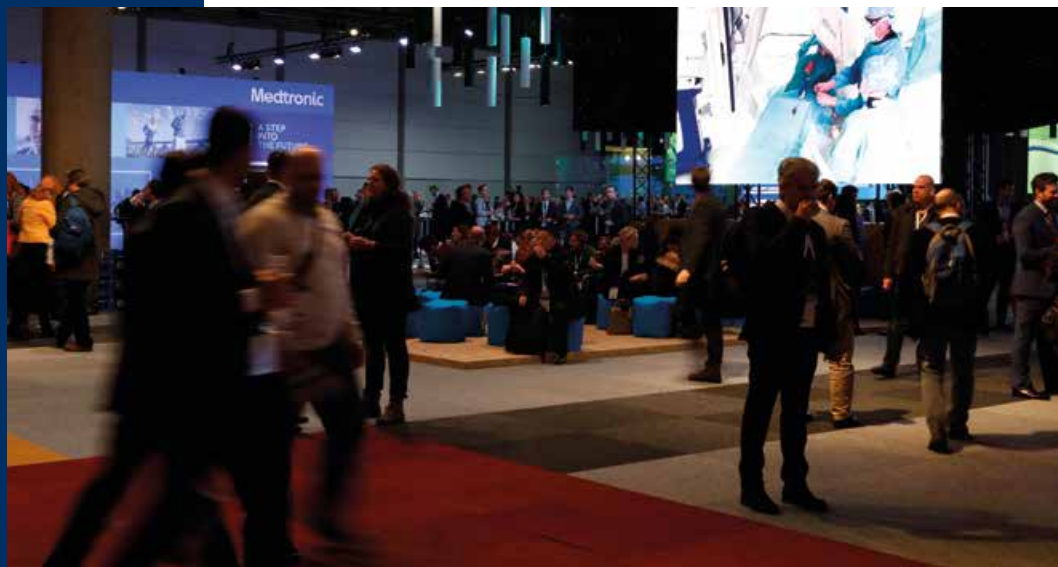
13:02 – 13:12

Follow the data: Zilver PTX global data analysis *T. Zeller*

13:12 – 13:17

Overcoming the meta-analysis: Moving forward *T. Zeller*

13:17 – 13:25

Summary of symposium, discussion, and debate *W. Gray*

- 13:30 – 15:00** **Symposium: Optimizing revascularisation in patients with risk factors and complex peripheral arterial lesions**
sponsored by Medtronic
Moderators: D. Scheinert, T. Zeller
Panel: A. Holden, G. Torsello
- 13:30 – 13:35 Introduction
- 13:35 – 13:43 Is there a durable treatment option for challenging lesions?
The scientific evidence for drug-coated balloons *A. Holden*
- 13:43 – 13:51 Anatomically challenging lesion locations:
What are my treatment options? *G. Torsello*
- 13:51 – 14:16 ■ *Live case transmission from Bergamo*
- 14:16 – 14:24 Opening your BTK treatment options:
Unique tools & techniques *T. Zeller*
- 14:24 – 14:49 ■ *Live case transmission from Leipzig*
- 14:49 – 15:00 Panel discussion and conclusion
- 15:00 – 16:30** **Symposium: AcoArt drug eluting solutions: 5 years safety and effectiveness in FP, latest outcome in BTK**
supported with an educational grant from Acotec
Moderators: X. Jia, D. Scheinert
Panel: Z. Ye, G. Xue, J. Cheng, W. Shi, W. Wang
- 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



- 16:30 – 18:00** **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 reQUiRing endovaScular tHerapy: Vanquish study *O. Iida*
- 16:52 – 16:57 Increased outward force of self-expanding BMS in the SFA could be a significant risk factor for a restenosis *K. DeLoose*
- 16:57 – 17:02 Difference in clinical outcomes of low COF stent vs. high COF stent proven in clinical practice *M. Funovics*
- 17:02 – 17:22 ■ *Live case transmission from Berlin*
- 17:22 – 17:27 **First time data release:**
 Final results from the LOCOMOTIVE registry using the VasculFlex Multi-LOC stent system in real-world lesions *K. Amendt*
- 17:27 – 17:32 TINTIN study: Final 12-month data with the combination of Luminor DCB + SX stent in TASC C and D lesions *K. DeLoose*
- 17:32 – 17:37 A single-center experience with the Tack endovascular system: Real-world tacking above and below-the-knee *M. Lichtenberg*
- 17:37 – 17:42 Dissecting the TOBA data above and below-the-knee: What it means in practice *W. Gray*
- 17:42 – 17:47 Latest updates from the MIMICS clinical programme: Studying BioMimics 3D – the Swirling Flow Stent *T. Zeller*
- 17:47 – 17:52 1-year results in unselected, real-world patients with the BioMimics 3D Swirling Flow stent in femoropopliteal lesions: The MIMICS-3D registry *M. Lichtenberg*
- 17:52 – 17:57 Endoluminal bypass in CLI patient: Long-term results *J. Fernández Noya*
- 17:57 – 18:00 Discussion and conclusion

- 08:00 – 09:30 Acute deep vein thrombosis and post-thrombotic syndrome**
Moderator: R. de Graaf Panel: H. Jalaie, O. Schlager, C. Erbel, T. Sebastian
- 08:00 – 08:10 Efficacy and safety of novel mechanical thrombectomy systems for iliofemoral DVT *M. Lichtenberg*
- 08:10 – 08:20 CAVA trial: Why catheter interventions will remain the CAVALry of DVT treatment *H. Jalaie*
- 08:20 – 08:30 Update on the ARIVA trial: Aspirin plus Rivaroxaban vs. Rivaroxaban alone for the prevention of stent thrombosis in PTS patients *O. Schlager*
- 08:30 – 08:40 The TOPOS study: early outcomes of a hybrid oblique nitinol stent for PTS patients with common iliac vein compression *C. Erbel*
- 08:40 – 08:50 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
- 09:30 – 09:36 IVUS for aorto-iliac disease: Is contrast media application and high energy radiation redundant? *J. Teßarek*
- 09:36 – 09:44 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



- 12:30 – 13:25** **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
- 12:30 – 12:40 Welcome and introduction *M. Brodmann*
- 12:40 – 12:50 Importance of sustained drug release in DEB: Insights into preclinical data for the SELUTION SLR™ *A. Finn*
- 12:50 – 13:00 Sustained Limus release translating into sustained clinical outcomes: SELUTION SFA™ – 2-year results *T. Zeller*
- 13:00 – 13:10 SELUTION SLR™ in clinical practice: Angio case examples *U. Beschorner*
- 13:10 – 13:20 How low can you go? SELUTION SLR™ below-the-knee and in tibial arteries – first experience *T. Y. Tang*
- 13:20 – 13:25 Next steps and adjourn *P. Gaines*
- 13:30 – 15:00** **2020 Vision for venous interventions: Where do we go from here?**
 supported with an educational grant from Boston Scientific
Moderators: M. Lugli, O. Hartung
Panel: S. Black, M. Lichtenberg, H. Jalaie
- 13:30 – 13:33 Introduction and learning objectives *O. Hartung*
- 13:33 – 13:45 Post thrombotic disease: The relevance of long term follow up *M. Lugli*
- 13:45 – 13:55 Pathway for the accelerated treatment of venous leg ulcers *S. Black*
- 13:55 – 14:05 The VICI VENOUS STENT: 24-month outcome data *M. Lichtenberg*
- 14:05 – 14:10 Panel discussion
- 14:10 – 14:30 ■ *Recorded case presentation from Galway: Pharmacomechanical CDT: The future of DVT treatment?* *G. O'Sullivan via satellite from Galway*
- 14:30 – 14:37 Classification guided outcomes in chronic venous obstruction *H. Jalaie*
- 14:37 – 15:00 A case based panel discussion



15:00 – 16:30	<p>New concepts for AV-shunt revascularisation and central vein stenoses <i>Moderators: R. Lookstein, A. Holden</i> <i>Panel: B. Dolmatch, P. Kitrou, A. Schwindt, D. Branzan, M. Fujihara</i></p>
15:00 – 15:06	Innovative new device for fistula maturation in the management of dialysis access <i>S. Desai</i>
15:06 – 15:11	<p>First time data release: AV is now endovascular – initial multi-center experience results of the WavelinQ <i>R. Jones</i></p>
15:11 – 15:16	<p>First time data release: IN.PACT AV access study: 12 month primary outcomes <i>A. Holden</i></p>
15:16 – 15:21	<p>First time data release: Drug-coated balloons in AV access: Budget impact model based on the IN.PACT AV access trial – US and German health system perspectives <i>R. Lookstein</i></p>
15:21 – 15:31	<p>■ <i>Recorded live case using the IN.PACT AV access drug-coated balloon</i> <i>A. Holden</i></p>
15:31 – 15:37	How I use drug-coated balloons for AV access maintenance <i>A. Mallios</i>
15:37 – 16:02	<p>■ <i>Live case transmission from Galway</i></p>
16:02 – 16:07	<p>First time data release: DCB for the treatment of symptomatic central venous stenosis. Results from a retrospective multicenter analysis <i>P. Kitrou</i></p>
16:07 – 16:13	Value of stent-graft placement in hemodialysis patients with dysfunctional arteriovenous fistulas and grafts <i>G. de Donato</i>
16:13 – 16:19	Value of stent graft placement to treat cephalic arch stenosis in hemodialysis patients <i>R. Jones</i>
16:19 – 16:24	<p>First time data release: COVERA™ – 12-month update on AVEVE trial for outflow stenosis in AV fistula circuits <i>B. Dolmatch</i></p>
16:24 – 16:29	<p>First time data release: COVERA™ – 24-month update on AVEVA study for treatment of venous anastomotic lesions in AV grafts <i>B. Dolmatch</i></p>
16:29 – 16:30	Discussion and conclusion
16:30 – 18:00	<p>Scrub-in with the experts: Endovascular therapy of varicocele and the pelvic congestion syndrome ■ <i>with Nils Kucher live from Zurich</i> ■ <i>with Gerard O’Sullivan live from Galway</i> <i>Moderators: O. Hartung, T. Sebastian</i> <i>Panel: R. de Graaf, M. Treitl, T. Hirsch</i> Flash presentations: Outcomes of endovascular treatment of PCS <i>O. Hartung</i> Varicocele and PCS – one and the same? Learning from cases <i>T. Sebastian</i> Pelvic congestion syndrome: Underdiagnosed, misdiagnosed, and undertreated ... What IVUS may show you <i>R. de Graaf</i></p>

ARENA 2
CHANNEL 1

D. Scheinert

LINC

- 10:00 – 12:30** **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 **■ Live case transmission from Bergamo**
- 10:48 – 10:54 **First time data release:**
 Performance I trial: 6-month data from a trial using a novel carotid stent, post dilatation balloon and embolic protection device (Neuroguard) for the treatment of carotid stenoses *R. Langhoff via satellite from Berlin*
- 10:54 – 11:00 **First time data release:**
 Latest data from the Roadsaver registry *R. Langhoff via satellite from Berlin*
- 11:00 – 11:06 Dual layer stents for treatment of symptomatic and asymptomatic carotid artery stenosis: 6-year data of a high-volume centre – is re-occlusion an issue?
S. Müller-Hülsbeck
- 11:06 – 11:12 A radial access solution for embolic protection during carotid stenting *P. Montorsi*
- 11:12 – 11:18 Proximal and distal embolic protection for carotid stenting
A. Micari via satellite from Bergamo
- 11:18 – 11:24 ROADSTER 2 trial results: TCAR is ready for prime time *P. Schneider*
- 11:24 – 11:44 **■ Live case transmission from Berlin**
- 11:44 – 11:50 Transcervical carotid stenting with flow reversal in high risk patients – clinical results and DWMRI findings *R. Kolvenbach*
- 11:50 – 11:56 Evaluation of CEA techniques with a simulation tool *R. Ghotbi*
- 11:56 – 12:02 Does carotid intervention prevent dementia? Long-term results from over 1,600 patients randomised to CEA or no procedure in ACST-1 *R. Bulbulia*
- 12:02 – 12:08 Essential imaging for treatment of acute ischemic stroke *S. Duda*
- 12:08 – 12:14 Acute stroke interventions in a cardiology department *H. Sievert*
- 12:14 – 12:20 Comparison of drug-eluting and bare metal stents for extracranial vertebral artery stenting *P. Odrowaz-Pieniazek*
- 12:20 – 12:26 Management of vertebral artery dissection: The reconstructive and the deconstructive approach *K.-T. Hoffmann*
- 12:26 – 12:30 Discussion and conclusion



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

15:39 – 15:46

Drug-coated balloons: My life after the meta-analysis storm

M. Krokidis/G. Tepe

15:46 – 15:53

Scaffolds are there to stay M. Lichtenberg

15:53 – 15:58

Conclusion 2 K. Deloose

15:58 – 16:30

Discussion and conclusion

16:30 – 18:00

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. Mwapatayi, 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





12:30 – 13:25

Lunch symposium: My guidewire algorithm for successfully crossing peripheral lesions
supported with an educational grant from Asahi Intecc
Moderator: R. Ferraresi

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

12:30 – 12:45

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

12:45 – 13:00

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

13:00 – 13:15

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

13:15 – 13:25

New concept of guidewire for crossing complex lesions *T. Nakama*



12:30 – 13:30

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

13:30 – 15:00

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. Schwandt*

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

- 15:00 – 15:30** **Steps forward in changing BTK standard of care with bioresorbable scaffolds** supported with an educational grant from Abbott Vascular
Moderators: B. DeRubertis, S. Parikh
Panel: S. Kum, A. Shah, R. Varcoe
- 15:00 – 15:02 Introduction
- 15:02 – 15:09 Bioresorbable scaffolds to treat patients with complex CLTI – 12-month results of the DISAPEAR study *S. Kum*
- 15:09 – 15:16 **First time data release:**
 2-year results of bioresorbable scaffold for the treatment of patients with complex infrapopliteal arterial disease *A. Shah*
- 15:16 – 15:23 Long terms results and glimpse into the future with bioresorbable scaffolds for BTK *R. Varcoe*
- 15:23 – 15:28 Discussion, question, answers
- 15:28 – 15:30 Taking home message

15:30 – 17:00 **CCT@LINC: Advanced endovascular therapy in Japan – pre-recorded live cases**



- Moderators: G. Biamino, K. Urasawa*
Panel: H. Takimura
- 15:30 – 15:45 Video live and lecture *M. Tan*
- 15:45 – 16:00 Video live and lecture *T. Nakama*
- 16:00 – 16:15 Video live and lecture *N. Hayakawa*
- 16:15 – 16:30 Video live and lecture *Y. Tsubakimoto*
- 16:30 – 16:45 Video live and lecture *H. Ando*
- 16:45 – 17:00 Discussion and conclusion



- 12:30 – 13:30 **Update on clinical trials and new data – PVD – aortoiliac/EVAR/carotid/AV shunt**
Moderators: F. Moll, S. Duda
- 12:30 – 12:35 Clinical outcomes and prevalence of polyvascular disease with aorto iliac artery disease – 1-year results from OMOTENASHI registry *Y. Shintani*
- 12:35 – 12:40 Results of the Frontier IV study with the PerQseal® fully absorbable patch based large hole vascular closure device *D. Branzan*
- 12:40 – 12:45 Percutaneous EVAR with low-profile INCRAFT – pros and cons: 12-months results from a single-center analysis *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 multicentric multi-specialty study (CGuard OPTIMA) *P. Musialek*
- 13:00 – 13:05 Maturation of Ellipsys® EndoAVF for hemodialysis *J. Hull*
- 13:05 – 13:30 Discussion and conclusion



- 13:30 – 15:00** **Update on clinical trials and new data – PVD – femoral/BTK/CLI**
Moderators: W. Gray, I. Baumgartner
- 13:30 – 13:35 DESAFINADO registry – 12-month results of the Eluvia DES in predominantly CLI *S. Kum*
- 13:35 – 13:40 Management of de novo long femoropopliteal occlusions; plain balloon, drug coated balloon, bare metal stent; comparative study *O. Ismail*
- 13:40 – 13:45 SELUTION SLR – a Sirolimus DEB: Use of preclinical studies in predicting device safety *A. Finn*
- 13:45 – 13:50 SELUTION SLR: Sustained Limus release DEB for long term patient benefit *T. Zeller*
- 13:50 – 13:55 First-in-man study on the clinical use and safety of the Magic Touch PTA Sirolimus coated balloon catheter in the treatment of infrainguinal peripheral arterial disease: Interim analyses *E. Choke*
- 13:55 – 14:00 Paclitaxel-coated balloon treatment in patients with in-stent restenosis – 24-months results of the real-world all-comers registry BIOLUX P-III *M. Brodmann*
- 14:00 – 14:05 Drug coated balloon supported Supera stent vs. Supera stent in intermediate and long-segment lesions of the superficial femoral artery: 2-year results of the RAPID trial *S. W. de Boer*
- 14:05 – 14:10 The impact of FAILURE VIABAHN for femORopopliteal lesions TRIAL (FAVORITE TRIAL) *K. Suzuki*
- 14:10 – 14:15 DiRrectional AthErectomy + Drug CoAted Balloon Angioplasty to Treat Long, Calcified Femoropopliteal ArterY lesions: Interim results from the REALITY study *K. Rocha-Singh*
- 14:15 – 14:20 Transverse View Area Loss (TVAL): An informative angiographic outcome in below-knee lesions *M. Razavi*
- 14:20 – 14:25 TANGO trial 6-month results for adventitial temsirolimus delivery below-the-knee *I. Cawich*
- 14:25 – 14:30 Everolimus eluting coronary stents for long infra-popliteal lesions for critical limb ischemia: LONG DES-BTK. A 10-year single center experience with long-term follow-up *R. Lookstein*
- 14:30 – 14:35 Impact of pedal arch revascularisation on clinical outcomes of diabetic patients with critical limb ischemia *O. Ismail*
- 14:35 – 14:40 Single centre long-term experience with the Boston Scientific eluvia drug-eluting stent in femoro-popliteal arterial occlusive disease *A. Holden*
- 14:40 – 15:00 Discussion and conclusion

- 15:00 – 16:30** **Challenging cases and complications – iliac**
Moderators: R. Ghotbi, P. Mwipatayi
- 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 Leriche 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. Oganesyian*
- 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. Alejandro 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



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

- 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-popliteal 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

08:00 – 09:30	<p>Optimizing the treatment of BTK vessels in critical limb ischemia <i>Moderators: D. Scheinert, P. Schneider</i> <i>Panel: D.-D. Do, F. Liistro, M. Menard, L. Palena, J. Mustapha, S. Kum</i></p>
08:00 – 08:05	<p>First time data release: Latest 24-month BTK global real-world registry Lutonix DCB outcomes <i>D. Scheinert</i></p>
08:05 – 08:10	<p>First time data release: Update on BTK IDE Lutonix DCB – complex patient subset <i>P. Geraghty</i></p>
08:10 – 08:15	<p>First time data release: Stellarex in the real-world: interim look at the BTK cohort <i>K. Stavroulakis</i></p>
08:15 – 08:20	<p>12-month results from the randomized AcoArt BTK study <i>X. Jia</i></p>
08:20 – 08:25	<p>Initial experience with the temporary drug-coated Spur system to enhance drug delivery to the vessel wall <i>A. Holden</i></p>
08:25 – 08:30	<p>Small artery disease (SAD) and media artery calcification (MAC) are changing the fate of CLI patients <i>R. Ferraresi</i></p>
08:30 – 08:35	<p>First time data release: LimFlow pDVA for no-option CLTI: The ALPS registry data at 2 years <i>A. Schmidt via satellite from Leipzig</i></p>
08:35 – 08:55	<p>■ <i>Live case transmission from Leipzig</i></p>
08:55 – 09:00	<p>Optimizing below-the-knee angioplasty: Dissections matter <i>A. Holden</i></p>
09:00 – 09:05	<p>Repairing BTK dissection: Results from the TOBA II BTK pivotal study <i>G. Adams</i></p>
09:05 – 09:10	<p>Intra-procedural extra-vascular ultrasound prevents early and late failures in BTK <i>F. Liistro</i></p>
09:10 – 09:15	<p>High pressure non compliant POBA in real-world CLI – 12-month results from the JADE registry in Singapore <i>S. Kum</i></p>
09:15 – 09:20	<p>The advantages of using perfusion angiography during CLI procedures <i>D. van den Heuvel</i></p>
09:20 – 09:25	<p>Tissue perfusion assessment drives and predicts clinical success in severe CLI: Experience from a 330 patient study <i>E. Gomez Jabalera</i></p>
09:25 – 09:30	<p>Discussion and conclusion</p>
09:30 – 11:00	<p>Symposium: Drug eluting technologies for PAD: From fundamentals to future supported with an educational grant from Boston Scientific <i>Moderators: D. Scheinert, T. Zeller</i> <i>Panel: R. Sachar, M. Brodmann, A. Holden, G. Torsello</i></p>
09:30 – 09:32	<p>Introduction <i>T. Zeller</i></p>
09:32 – 09:42	<p>Fundamentals of drug coated balloons <i>R. Sachar</i></p>
09:42 – 09:52	<p>Lessons from Ranger SFA II RCT (Ranger DCB vs. PTA) <i>M. Brodmann</i></p>
09:52 – 10:02	<p>Lessons from COMPARE RCT (Ranger DCB vs. IN.PACT DCB) <i>D. Scheinert</i></p>
10:02 – 10:27	<p>■ <i>Live case transmission from Leipzig</i></p>
10:27 – 10:37	<p>Fundamentals of drug eluting stents <i>A. Holden</i></p>
10:37 – 10:47	<p>Lessons from IMPERIAL RCT (Eluvia DES vs. Zilver PTX) <i>T. Zeller</i></p>
10:47 – 10:57	<p>Future trials with drug eluting technologies <i>G. Torsello</i></p>
10:57 – 11:00	<p>Close and key take aways <i>D. Scheinert</i></p>

- 11:00 – 12:30** **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
Panel: J. A. del Castro, M. Rejinen, M. Steinbauer, J. Fernández Noya
- 11:00 – 11:10 The physician algorithm for treatment of fem-pop occlusive disease
J. A. del Castro
- 11:10 – 11:25 ■ *Live case transmission from Paris*
- 11:25 – 11:35 Treatment choice in complex SFA lesions *Y. Gouëffic via satellite from Paris*
- 11:35 – 11:45 Endovascular first: When this is the appropriate choice? *M. Rejinen*
- 11:45 – 11:55 GORE® VIABAHN® endoprosthesis in complex SFA lesions *M. Steinbauer*
- 11:55 – 12:05 Value of covered stents in fem-pop disease *J. Fernández Noya*
- 12:05 – 12:20 ■ *Recorded case presentation* *J. Fernández Noya*
- 12:20 – 12:30 Discussion and conclusion *P. Soukas*
- 12:35 – 13:25** **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*



- 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?**

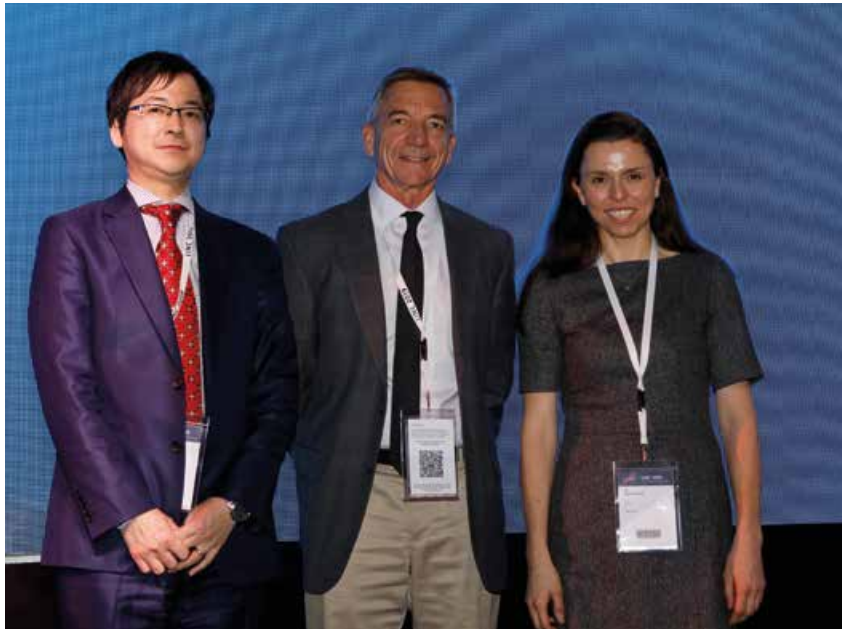


Moderators: J. Rundback, P. Schneider

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

16:30 – 18:00	Advanced techniques for complex femoropopliteal lesions <i>Moderators: T. Zeller, G. Adams</i> <i>Panel: K. Urasawa, B. DeRubertis, P. Soukas, T. Fuß, M. Werner, L. Garcia</i>
16:30 – 16:35	When, where, and how: An update on the support catheters <i>J. van den Berg</i>
16:35 – 16:41	Step-by-step approach in CTOs and the need for retrograde approaches <i>R. Ferraresi</i>
16:41 – 17:01	■ <i>Live case transmission from Leipzig</i>
17:01 – 17:06	First time data release: Advancing laser therapy: Different setting for different lesions <i>G. Adams</i>
17:06 – 17:11	Benefit of lesion preparation with a rotational atherectomy device – mid-term outcomes <i>G. Korosoglou</i>
17:11 – 17:16	The future of scoring PTA & update of a multi-center registry ATK/BTK <i>M. Montero-Baker</i>
17:16 – 17:21	First time data release: IN.PACT global study 150mm cohort: Outcomes through 3 years <i>M. Brodmann</i>
17:21 – 17:26	First time data release: Drug-coated-balloon outcomes in the femoropopliteal by vessel size <i>Y. Soga</i>
17:26 – 17:46	■ <i>Live case transmission from Kingsport</i>
17:46 – 17:51	Vessel preparation in calcified lesions: Which method for which lesion? <i>T. Bisdas</i>
17:51 – 18:00	Discussion and conclusion



- 08:00 – 09:00 Endovascular repair of iliac artery aneurysms – current techniques and results**
Moderators: F. Vermassen, A. Lobato
Panel: S. Botsios, S. Seifert, R. Ghotbi
- 08:00 – 08:06 Unilateral and bilateral primary and secondary iliac aneurysms – endovascular treatment first! *M. Storck*
- 08:06 – 08:26 ■ *Live case transmission from Münster*
- 08:26 – 08:32 Comparison and results of endovascular repair techniques in elective bilateral aortoiliac aneurysms *A. Lobato*
- 08:32 – 08:38 Iliac branching and long-term value: How effective is preservation in a single center experience *R. Ghotbi*
- 08:38 – 08:44 Long-term experience and lessons learned with the COOK IBD *G. Torsello*
- 08:44 – 08:52 E-iliac 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. Kölbl, R. Varcoe, E. Ducasse, A. Gangl
- 09:00 – 09:06 Fiber Optic Real Shape (FORS) technology – 3D device guidance in practice *T. Kölbl*
- 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. Melissano, H. Verhagen, M. Malina
- 09:45 – 09:51 Impact of centralization on abdominal aortic aneurysm repair outcomes: Early experience in public health system *V. Riambau*
- 09:51 – 09:57 The choice of EVAR vs. OSR: Extreme local variation suggests the impact of political rather than medical factors! *M. Malina*
- 09:57 – 10:03 Gender differences in EVAR/FEVAR/BEVAR *E. Verhoeven*
- 10:03 – 10:23 ■ *Recorded case presentation: EVAR with Altura stentgraft* *D. Branzan*
- 10:23 – 10:29 Proven durability and staying inside the IFU for challenging aortic necks *G. 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. Teßbarek*
- 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

- 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. Kölbl
Panel: N. Tsilimparis, G. Melissano, Michel Bosiers
- 11:00 – 11:05 Introduction *T. Kölbl*
- 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
- 12:35 – 12:50 *Panel: P. Mwipatayi, B. Fioole, S. Carpenter*
- 12:35 – 12:50 When are covered stents the best treatment for aorto-iliac occlusive disease: Which is the best stent-graft for this: What are the long-term results? *P. Mwipatayi*
- 12:50 – 13:05 Relevance and current update of the DISCOVER Dutch iliac stent trial *B. Fioole*
- 13:05 – 13:20 **■ Case presentations: Using proven covered stents to treat complex aorto-iliac occlusive disease** *S. Carpenter*
- 13:20 – 13:25 Discussion and conclusion



- 13:30 – 15:00** **Challenges in endovascular aortic repair: Treatment of juxtarenal aneurysms**
Moderators: G. Torsello, E. Verhoeven
Panel: K. Donas, R. Kolvenbach, M. Reijnen, M. Steinbauer, R. Varcoe
- 13:30 – 13:36 Preliminary data from the EAGLE registry *M. van Sambeek*
- 13:36 – 13:42 Contemporary options for treating juxtarenal aneurysm when infrarenal sealing is not enough *V. Riambau*
- 13:42 – 13:48 Mid-term results from ANCHOR and how these clinical insights affect my clinical practice *J.-P. de Vries*
- 13:48 – 13:54 Why 3xFEVAR has replaced 2xFEVAR and FEVAR better than CHEVAR *E. Verhoeven*
- 13:54 – 14:04 **Recorded case presentation: EVAR with Ovation stentgraft and Cydar intelligent navigation system** *D. Branzan*
- 14:04 – 14:10 Useful combinations of aortic endoprosthesis material of different companies in complex situations *S. Nikol*
- 14:10 – 14:16 Is ChEVAS the answer to complex AAA treatment? The future of Nellix in 2020 *M. Reijnen*
- 14:16 – 14:36 **Live case transmission from Paris**
- 14:36 – 14:42 Lessons learned 5 years after the PERICLES registry publication:
 A position statement about the current role of chimney endografting *G. Torsello*
- 14:42 – 14:48 Long-term results of chimney graft branches in juxtarenal aneurysms
R. Kolvenbach
- 14:48 – 14:54 Freedom to fenestrate: How the Anaconda platform has impacted my practice
P. Bungay
- 14:54 – 15:00 Cost effectiveness analysis of FEVAR vs. CHEVAR in juxtarenal aortic aneurysms:
 A new insight in the old debate *K. Donas*

- 15:00 – 16:30** **CX@LINC: Towards aortic advances**
Moderator: R. Greenhalgh
Panel: T. Kölbel, F. Moll
- 15:00 – 15:10 Effects of long thoracic stent grafts on the pathophysiology of the heart
F. Moll
- 15:10 – 15:20 Audience participation
- 15:20 – 15:30 Access-techniques to simplify fenestrated and branched EVAR:
 Upper extremity access is not needed any longer *T. Kölbel*
- CX edited live case: Full transfemoral branched EVAR for thoracoabdominal aortic aneurysms**
- 15:30 – 15:40 **Recorded case presentation** *N. Tsilimparis*
- 15:40 – 15:50 Audience participation
- 15:50 – 16:00 Modern imaging systems will revolutionize EVAR techniques *J. van Herwaarden*
- 16:00 – 16:10 Audience participation
- CX edited live case: Fenestrated arch repair in chronic Type B aortic dissection**
- 16:10 – 16:20 **Recorded case presentation** *T. Kölbel*
- 16:20 – 16:30 Audience participation



- 16:30 – 18:00** **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



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*Clinical and imaging diagnosis of vascular anomalies *A. Malouhi*09:59 – 10:07 Interventional therapy options – what and when *R. Müller-Wille*10:07 – 10:15 Embolisation and erectile dysfunction *R. Aschenbach via satellite from Jena*10:15 – 10:23 ■ *Live case transmission from Frankfurt*10:23 – 10:44 Specifics of invasive therapy in a pediatric age group *S. von der Heydt*10:44 – 10:52 Free evidence-based knowledge in the internet *W. Wohlgemuth*

10:52 – 11:00

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*

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*PAE: Patient selection and indication *E. Alejandre Lafont*

15:00 – 15:07

15:07 – 15:27

■ *Live case transmission from Frankfurt*

15:27 – 15:34

Cryotherapy *T. J. Vogl*

15:34 – 15:41

Bariatric embolization: Technique and clinical data

C. R. Weiss video presentation

15:41 – 15:48

Embolization of rectal arteries in the treatment of hemorrhoidal disease

E. Esteban Hernandez

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 beyondModerators: *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*

09:30 – 10:45

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

11:00 – 12:00

VIVA@LINC: Strategies on the frontline:**Illustrative cases with step-by-step approach –****great vessels, innominate, common carotid, subclavian, and vertebral challenges***Moderator: R. Kolluri**Discussants: P. Schneider, S. Lyden, J. Rundback, R. Lookstein*How to manage tandem lesions that include the carotid bifurcation and an inflow common carotid or innominate lesion? *P. Schneider*Hybrid procedures and debranching of the arch:
When to do it and how *S. Lyden*Subclavian revascularisation: How to handle the occluded subclavian
*J. Rundback*Managing the dangerous or difficult aortic arch *R. Lookstein*

12:35 – 13:20

Lunch symposium: Real world clinical results after treatment with non-crystalline coated balloons

supported with an educational grant from Cardionovum

*Moderator: K. DeLoose**Discussants: M. Lichtenberg, A. Chouiter*

12:35 – 12:40

Introduction and learning objectives

12:40 – 12:48

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



14:00 – 15:00

SITE@LINC: Aortic disaster cases: What can we learn from the expert's nightmares?

Moderators: V. Rimbau, 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-Garcia, N. Mosquera

15:00 – 15:12

The new Solaris endograft: Main characteristics and clinical programme

M. Bosiers

15:13 – 15:25

The Brazilian self-expandable peripheral endograft: Initial European experience

E. San Norberto-Garcia

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



- 08:00 – 09:30** **Deep dive session: Lower limb interventions (part I)**
Moderators: T. Zeller, O. Iida
Panel: S. Bartus
- 08:00 – 08:20* ■ *Live case transmission from Leipzig*
- Focus on new data**
- 08:20 – 08:25* Propensity-matched analysis in claudicants treated with a drug-coated balloon vs. PTA: 5-year mortality outcomes from a real-world study *G. Torsello*
- 08:25 – 08:30* Durability, safety, and efficacy of a drug-coated balloon for the treatment of peripheral arterial disease in the SFA *O. Iida*
- 08:30 – 08:35* IN.PACT global study 4-year outcomes *T. Zeller*
- 08:35 – 08:40* Results of the Illuminate EU-Global 3-year results *T. Zeller*
- 08:40 – 08:45* 12-month full cohort analysis from the KANSHAS 1 study of the novel KANSHAS drug-coated balloon for treatment of femoropopliteal occlusive disease
M. Lichtenberg
- 08:45 – 08:50* Prestige pilot: Phoenix atherectomy and Stellarex DCB clinical investigation in infrapopliteal interventions *M. Lichtenberg*
- Focus on crossing and vessel prep**
- 08:50 – 08:55* Trans-radial artery access for lower limb interventions: Will dedicated new tools making this approach the future standard of care? *R. Varcoe*
- 08:55 – 09:00* Retrograde crossing of peripheral occlusions: Long-term results and outcome predictors *S. Bartus*
- 09:00 – 09:05* AMBUVASC: A RCT comparing conventional vs. ambulatory of endovascular procedures of lower extremity peripheral artery disease
Y. Gouëffic via satellite from Paris
- 09:05 – 09:10* Dissections: Do they matter and how can they be managed? *T. Zeller*
- 09:10 – 09:15* The versatility of directional atherectomy to address challenges of multi-level disease in CLI *K. Stavroulakis*
- 09:15 – 09:20* Combination therapy to optimize your outcomes when treating SFA disease: Valuable tools to get the job done *A. Rastan*
- 09:20 – 09:30* Discussion and conclusion
- 09:30 – 10:30** **Controversies and best practices for successful iliofemoral venous stenting outcomes**
 supported with an educational grant from COOK Medical
Moderator: R. de Graaf
Panel: M. Lichtenberg, S. Black, M. Ramirez Ortega
- 09:30 – 09:35* Introduction *R. de Graaf*
- 09:35 – 09:45* Stent shape is most important in achieving successful clinical outcomes
M. Lichtenberg
- 09:45 – 09:55* Stent conformability is most important in achieving successful clinical outcomes *S. Black*
- 09:55 – 10:05* Maximizing clinical outcomes through optimizing post procedural care
R. de Graaf
- 10:05 – 10:15* Clinical outcomes of the Zilver Vena™ stent in a private practice setting
M. Ramirez Ortega
- 10:15 – 10:30* Discussion and conclusion

- 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
 ■ Live case transmission from Leipzig
- 10:30 – 10:55**
- 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
- 12:30 – 13:30** **Lunch symposium: Achieving quality & predictable outcomes in treatment of venous thromboembolism**
 supported with an educational grant from BTG, now a part of Boston Scientific
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



13:30 – 14:30	<p>Deep dive session: Venous interventions (part I) Focus on diagnosis of venous obstructions, crossing of venous occlusions, and thrombus removal <i>Moderators: R. Lookstein, N. Kucher</i> <i>Panel: S. Black, E. Murphy</i></p>
13:30 – 13:37	Well-recognized venographic signs of significant iliac vein compression in asymptomatic young volunteers <i>R. de Graaf</i>
13:37 – 13:44	First time data release: IVUS vs. fluoroscopic guided recanalisation for iliofemoral obstruction: Effective option to reduce radiation exposure during intervention <i>M. Lichtenberg</i>
13:44 – 13:51	Overlap syndromes in leg swelling, special focus on elevated central venous pressure <i>R. Kolluri</i>
13:51 – 13:58	The role of CT and MRI imaging for planning of venous procedures <i>N. Kucher</i>
13:58 – 14:05	Meta-analysis on thrombolysis vs. mechanical thrombectomy for iliofemoral DVT: Safety concerns should stop CDT <i>M. Lichtenberg</i>
14:05 – 14:12	Optimal techniques for single session pharmaco-mechanical thrombectomy of acute deep vein thrombosis using the 8 french Rheolytic thrombectomy catheter <i>R. Lookstein</i>
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 <i>M. Lichtenberg</i>
14:19 – 14:30	Discussion and conclusion
14:30 – 15:00	<p>Symposium: Aspirex®S in iliofemoral DVT: New evidence from multiple centres supported with an educational grant from Straub Medical <i>Moderator: M. Lichtenberg</i> <i>Panel: R. Loffroy, B. Freitas</i></p>
14:30 – 14:40	P-MAX study: Iliofofemoral DVT. Safety and performance update from the Arnsberg cohort <i>M. Lichtenberg</i>
14:40 – 14:50	Aspirex®S in iliofofemoral DVT: The Dijon experience <i>R. Loffroy</i>
14:50 – 15:00	Aspirex®S in iliofofemoral DVT: The Maceio experience <i>B. Freitas</i>



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

- 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. Maneevese*
- 10:20 – 10:25 Successful treatment of an acute bilateral iliacal vein thrombosis in a case of chronically occluded vena cava inferior combined with a protein C deficiency: A case report *M. C. Weber*
- 10:25 – 10:30 Multiple technique attempt for difficult percutaneous inferior vena cava filter retrievals *P-S. Huang*
- 10:30 – 10:35 Retrieval of inferior vena cava filter by using laparoscopic forceps after failure standard filter retrieval technique *W. Saengprakai*
- 10:35 – 10:40 Role of covered stents in cephalic arch for salvage of AVF *M. Ismail*
- 10:40 – 10:45 Drug (Sirolimus) coated balloon for AV fistula salvage *G. Reddy*
- 10:45 – 10:50 Acute thrombosis of Arterio-Venous Fistula (AVF) salvaged by Pharmaco-mechanical management by Alteplase: A thrilling episode! *A. Goel*
- 10:50 – 10:55 Complications and prevention for dysfunctional radiocephalic AVF juxta-anastomotic stenting (JXAS) *K. K. Wong*
- 10:55 – 11:30 Discussion and conclusion
- 11:30 – 12:30 The new Medical Device Regulation (MDR) of the EU: Impact on healthcare market and physicians**
Moderators: J. Balzer, A. Talen
- 11:30 – 11:38 Current status and the (current) indications *P. Eerdmans*
- 11:38 – 11:46 EU MDR and its effect on the device supply (perspective of a physician) *J. Balzer*
- 11:46 – 11:54 EU MDR – the final countdown and practical impact on manufacturers *R. Kessels*
- 11:54 – 12:02 EU MDR and its effect on the device supply (perspective of the notified body) *P. Eerdmans*
- 12:02 – 12:10 Clinical consequences to support device availability *A. Talen*
- 12:10 – 12:30 Discussion and conclusion

- 12:30 – 13:30 Challenging cases and complications – EVAR aortic dissections**
Moderators: T. Kölbl, 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 aorto-esophageal 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 In situ & 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



- 13:30 – 15:30** **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

Live from Leipzig



- 09:30 – 11:00** **Challenging cases and complications – carotid/supraaortic/brachial**
Moderators: K. Mathias, F. Vermassen
- 09:30 – 09:35 PTA of aortic arch vessel in patients with Takayasu disease *R. Vijayvergiya*
- 09:35 – 09:40 Management of traumatic giant pseudoaneurysm of carotid artery with respiratory distress by open reconstruction *A. Savlania*
- 09:40 – 09:45 Redo carotid surgery requiring excision of carotid bifurcation due to prior stapled patch, interposition PTFE bypass with ECA reimplant and retrograde CCA stenting
M. Martin
- 09:45 – 09:50 Imminent myocardial infarction with co-existing thrombus in carotid artery as unfortunate complications on early stage of standard CAS procedure *M. Misztal*
- 09:50 – 09:55 How to clamp and bypass the carotid artery when bilateral subclavian and left carotid arteries are occluded and there is severely stenotic right carotid artery supplying the brain *D. M. Oztas*
- 09:55 – 10:00 Double layer stent for endovascular treatment of a carotid artery pseudoaneurysm as a complication of CAS *N. Stella*
- 10:00 – 10:05 Use of the Roadsaver carotid artery stent to treat a late pseudoaneurysm after open surgical carotid endarterectomy *G. Coppi*
- 10:05 – 10:10 Endovascular stent graft for carotid artery aneurysm is a good option, a case report
A. Elmarakby
- 10:10 – 10:15 Carotid-coated stent in a patient with advanced submandibular gland tumor
J. Silva
- 10:15 – 10:20 Hybrid carotid angioplasty with transcervical open access:
 A feasible option for challenging anatomy *M. Giusti*
- 10:20 – 10:25 Extraordinary and misleading complication after carotid stenting *M. Maga*
- 10:25 – 10:30 Coil embolization of inferior thyroid artery pseudoaneurysm *M. Moreira*
- 10:30 – 10:35 Endovascular treatment of extracranial carotid artery pseudoaneurysm using a double mesh carotid stent as flow diverter *D. Soto*
- 10:35 – 10:40 Endovascular treatment of axillary artery rupture secondary to shoulder dislocation using the dual bull's-eye technique: A case report and literature review
V. Mosquera Rey
- 10:40 – 10:45 Endovascular treatment of thoracic outlet syndrome {Pectoralis minor type} – case report *M. Nagib*
- 10:45 – 11:00 Discussion and conclusion

- 11:00 – 12:30 Selected abstracts original research – venous interventions**
Moderators: S. Black, R. de Graaf
- 11:00 – 11:05 Radiofrequency vs. laser ablation for great saphenous reflux under regional femoral nerve block *A. Elmarakby*
- 11:05 – 11:10 Stripping vs. radiofrequency vs. cyanoacrylate for treatment of varicose veins. Clinical results and cost effectiveness analysis *J. Hipola*
- 11:10 – 11:15 Results of endovascular treatment of superior and inferior vena cava at mid-term follow-up (up to 65 months) *L. Dosev*
- 11:15 – 11:20 Results of multi-stage pelvic vein embolisation in patients with pelvic venous disorder *L. Drelicharz*
- 11:20 – 11:25 Cephalic vein arch stenting vs. transposition *A. Elmarakby*
- 11:25 – 11:30 Estimating the extent of postthrombotic ilio caval 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 surfer inside-out access procedure for effective placement of venous catheters in patients with thoracic central venous obstruction *T. Steinke*
- 11:40 – 11:45 Inferior vena cava filter thrombosis 10 years experience *M. Nagib*
- 11:45 – 11:50 Endovascular management for salvage of failing arteriovenous fistula *M. Ismail*
- 11:50 – 11:55 Percutaneous insertion of peripheral vein port catheter for chemotherapy in cancer patients *S. Nagib*
- 11:55 – 12:00 Hybrid salvage of thrombosed dialysis access grafts *H. Ali*
- 12:00 – 12:05 Comparative outcome of patch angioplasty vs. balloon angioplasty after surgical thrombectomy of thrombosed arteriovenous hemodialysis graft: 18-month results *A. Allam*
- 12:05 – 12:10 Safety and efficacy of the Indigo aspiration system in patients with acute pulmonary embolism: Results from a prospective, single-arm, multicenter IDE study (EXTRACT-PE) *R. Lookstein*
- 12:10 – 12:30 Discussion and conclusion

- 12:30 – 13:30 Selected abstracts original research – PVD general/iliac**
Moderators: S. Nikol, O. Iida
- 12:30 – 12:35 Triple antithrombotic therapy versus dual antiplatelet therapy in patients with peripheral artery disease undergoing endovascular therapy *K. Hishikari*
- 12:35 – 12:40 Association between polypharmacy and major adverse cardiovascular and limb event in patients with peripheral artery disease from I-PAD 3-year registry *M. Inoue*
- 12:40 – 12:45 Does endothelial function differ in patients with critical limb ischemia compared to patients with limb claudication and how does it change after endovascular procedures during the one-year follow-up period? *P. Kaczmarczyk*
- 12:45 – 12:50 The impact of residual SYNTAX score after endovascular treatment peripheral artery disease *T. Kato*
- 12:50 – 12:55 Comparison of multiple nutrition status assessment on clinical outcome in peripheral artery disease patients undergoing endovascular therapy *K. Kawamura*
- 12:55 – 13:00 The impact of the nutritional and inflammatory status on patients with critical ischemia of lower limbs *E. San Norberto-Garcia*
- 13:00 – 13:05 Association of the prognosis of ankle-brachial index improvement 1 year after endovascular therapy: From the I-PAD registry *K. Senda*
- 13:05 – 13:10 First experience with percutaneous mechanical thrombectomy (PMT) – learning curve and 18 month follow-up *E. Swiecka*
- 13:10 – 13:15 Comparative evaluation of efficacy and safety of stenting of prolonged iliac artery lesion in comparison with aorto femoral bypass surgery. Interim results of a randomized trial *A. Karpenko*
- 13:15 – 13:20 Endovascular reconstruction of infra- and juxtarenal aortic occlusion with kissing covered stents: A single centre experience *C. Panzano*
- 13:20 – 13:30 Discussion and conclusion



- 13:30 – 15:00 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. Iija*
- 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





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MEDI  ENTURES

AUDIOVISUAL PRODUCTIONS FOR THE MEDICAL, MORE ADVENTUROUS WORLD

- 08:00 – 09:30** **The last frontiers: Extreme BTK interventions for limb salvage in CLI**
Moderators: R. Ferraresi, S. Kum
Panel: D.-D. Do, J. Mustapha, H. Yokoi, M. Edmonds, F. Liistro, J. Reekers
 ■ *Live case transmission from Abano Terme*
- 08:00 – 08:20
 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*
- 08:38 – 08:43 Drug-coated balloon angioplasty of infrapopliteal lesions in patients with critical limb ischaemia: 1-year results of the APOLLO trial *U. Teichgräber*
- 08:43 – 08:49 When is below-the-ankle angioplasty indicated? *R. Ferraresi*
- 08:49 – 09:09 ■ *Live case transmission from Leipzig*
- 09:09 – 09:14 5-year results from the ABSORB BTK study: Bioresorbable scaffolds for the treatment of tibial artery stenosis *R. Varcoe*
- 09:14 – 09:19 Latest experience with the 3F Microstent in complex BTK procedures *R. Beasley*
- 09:19 – 09:30 Discussion and conclusion
- 09:30 – 11:00** **Symposium: Rotarex®S in ISR and bypass occlusion: Are they still only a niche indication?**
 supported with an educational grant from Straub Medical
Moderator: R. Loffroy
Panel: B. Freitas, B. Migliara, C. Rammos
- 09:30 – 09:40 Rotarex®S for in-stent stenosis/occlusion: A French multicentre experience with 128 patients *R. Loffroy*
- 09:40 – 10:05 ■ *Live case transmission from Leipzig*
- 10:05 – 10:15 Rotarex®S for in-stent restenosis/occlusion: The Leipzig experience with more than 300 patients *B. Freitas*
- 10:15 – 10:40 ■ *Live case transmission from Leipzig*
- 10:40 – 10:50 Clinical and cost effectiveness of treating bypass occlusion with Rotarex®S vs. surgery *B. Migliara*
- 10:50 – 11:00 SAViR 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**
sponsored by BD
Moderator: D. Scheinert
Panel: N. Inston, P. Kitrou, E. Ducasse, T. Steinke, O. Jaffer
- 11:00 – 11:07 The WavelinQ EndoAVF™ system: Past, present, future *N. Inston*
11:07 – 11:17 ■ *Recorded case presentation: Procedure with the EndoAVF 4F™ system*
P. Kitrou
- 11:17 – 11:22 The 1st French experience with the WavelinQ EndoAVF 4F™ system
E. Ducasse
- 11:22 – 11:27 EndoAVF secondary interventions *P. Kitrou*
11:27 – 11:37 Panel discussion *N. Inston, P. Kitrou, E. Ducasse*
11:37 – 11:44 The Covera™ Vascular Covered stent in fistula: the AVEVA & AVENEW studies
B. Dolmatch
11:44 – 11:54 ■ *Recorded case presentations with Covera™ Vascular Covered stent* *T. Steinke*
11:54 – 12:04 Panel discussion *B. Dolmatch, T. Steinke*
12:04 – 12:09 DCB in central venous stenosis. A multicenter retrospective study *P. Kitrou*
12:09 – 12:15 An overview of the Lutonix® Drug Coated Balloons clinical program and patient population characteristics *T. Steinke*
- 12:15 – 12:20 Use of drug-coated balloons in dysfunctional arteriovenous dialysis access treatment: The effect of consecutive treatments on lesion patency *P. Kitrou*
12:20 – 12:30 Panel discussion *P. Kitrou, T. Steinke, O. Jaffer*
- 12:30 – 13:30** **Focus session: Percutaneous bypass technique for challenging femoropopliteal occlusions**
Moderator: P. Schneider
Panel: D. Scheinert, K. Ouriel, S. Lyden
- 12:30 – 12:38 Using the vein as a DETOUR to long, complex CTOs *P. Schneider*
12:38 – 12:58 ■ *Live case transmission from Leipzig*
12:58 – 13:06 Patient selection for the PQ Bypass DETOUR procedure *S. Lyden*
13:06 – 13:30 Discussion and conclusion



- 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



- 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
- 15:00 – 15:05** **Focus on ultra-long lesions**
 The SUPER B RCT shows VIABAHN® endografts perform as well as open surgical fempop bypass grafts for 2 years *M. Reijnen*
- 15:05 – 15:10** GORE® VIABAHN® endoprosthesis demonstrates powerful patency in 20+ cm SFA lesions *P. Soukas*
- 15:10 – 15:35** ■ *Live case transmission from Leipzig*
- 15:35 – 15:40** The ZILVERPASS study: A randomized study comparing ZILVER PTX stenting with BYPASS in femoropopliteal lesions (final 24-month results) *Michel Bosiers*
- 15:40 – 15:45** **Focus on advanced recanalisation techniques for “no stent zones”**
 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*
- 16:20 – 16:25** **First choice treatment of PAOD in the common femoral artery**
 Pro surgery *D. Böckler*
- 16:25 – 16:30** Pro intervention *T. Zeller*
- 16:30 – 16:35** **Focus on severe calcified occlusions**
 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*
- 17:10 – 17:15** **Focus on thrombus containing lesions and in-stent-restenosis**
 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. Beschorner*
- 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*

- 08:00 – 09:30** **New insights and current techniques for thoracic endovascular aortic repair**
Moderators: V. Rimbau, G. Torsello
Panel: T. Kölbl, M. Orrico, M. van Sambeek, E. Ducasse, M. Malina, A. Al-Sibaie
- 08:00 – 08:05 Valiant Navion: What we have learned about this next generation TEVAR device: 1-year results from the global clinical trial *S. Trimarchi*
- 08:05 – 08:10 Addressing unmet clinical needs with a new generation TEVAR device: Practical application of the Valiant Navion *T. Kratimenos*
- 08:10 – 08:15 The Fustar steerable sheath in my daily practice: When and how? *T. Bisdas*
- 08:15 – 08:20 Insights on TEVAR from the SURPASS registry *G. Torsello*
- 08:20 – 08:50 ■ *Live case transmission from Münster*
- 08:50 – 08:55 Incidence and predictors of early and mid-term neurological complications following thoracic endovascular repair *M. Piazza*
- 08:55 – 09:05 ■ *Recorded case presentation: Relay proximal scallop?* *J.-M. Alsac*
- 09:05 – 09:10 Stroke in TEVAR: How to minimize cerebral damage? *T. Kölbl*
- 09:10 – 09:15 Aortyx patch: An innovative repair approach for focal aortic defects *V. Rimbau*
- 09:15 – 09:20 BEVAR by femoral approach with a steerable sheath *S. Abisi*
- 09:20 – 09:30 Discussion and conclusion
- 09:30 – 11:00** **Symposium: Achieving durable outcomes in endovascular aortic repair: Lessons learned on the benefits of the GORE® ACTIVE CONTROL system**
 supported with an educational grant from Gore & Associates
Moderator: S. Trimarchi
Panel: D. Böckler, H. Verhagen, M. van Sambeek, N. Mosquera, G. Pratesi
- 09:30 – 09:35 Introduction
- 09:35 – 09:50 Active control in TEVAR: When is the use of angulation control beneficial for achieving optimal outcomes? *D. Böckler*
- 09:50 – 10:10 ■ *Recorded case presentation: Thoracic case with TAG Conformable with active control performed by H. Verhagen*
- 10:10 – 10:25 Active control in EVAR: Orthogonal placement and 360 seal using the angulation control *M. van Sambeek*
- 10:25 – 10:45 ■ *Recorded case presentation: Abdominal case with EXCC performed by N. Mosquera*
- 10:45 – 11:00 Value of conformability for the success of aortic endovascular repair in the short and long-term *G. Pratesi*

- 11:00 – 12:30** **Pioneering techniques for pathologies of the ascending aorta and the aortic arch**
Moderators: T. Kölbel, R. Chiesa
Panel: R. Kolvenbach, M. Orrico, V. Rimbau, 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. Alzac
- 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 Endospa 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. Kölbel
Panel: M. Malina, M. Orrico, X. Jia, S. Seifert, D. Böckler
- 13:30 – 13:36** **Focus on aortic dissection management**
 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. Kölbel*
- 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*
- 14:32 – 14:38** **Focus on management of ruptured aneurysms and aortic infections**
 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. Alejandro Lafont, G. Parlani, R. Langhoff*

09:00 – 09:05

Opening *L. Maene*

09:05 – 09:15

Supera in CFA *E. Alejandro 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*



- 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



- 12:30 – 13:30** **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
- 12:30 – 12:40 The Paclitaxel controversy: Where we are now *P. Gaines*
- 12:40 – 12:50 Swirling Flow®: Nature's alternative to drug elution *S. Carpenter*
- 12:50 – 13:00 4D MRI evidence: Swirling Flow® is real *J. Kröger*
- 13:00 – 13:10 BioMimics3D® in my clinical practice *M. Piorkowski*
- 13:10 – 13:20 BioMimics3D®: The latest clinical evidence from the MIMICS clinical programme
M. Lichtenberg
- 13:20 – 13:30 Discussion and conclusion

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



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

10:00 – 11:00

Vascupedia@LINC

Endoleaks – case-based solutions



Moderators: G. Torsello, V. Riambau

Discussants: M. Gargiulo, G. F. Torsello, R. Chiesa

10:00 – 10:15

Type Ia – decision making, treatment, tips & tricks *M. Gargiulo*

10:15 – 10:30

Type Ib – decision making, treatment, tips & tricks *T. Bisdas*

10:30 – 10:45

Type II – decision making, treatment, tips & tricks *G. F. Torsello*

10:45 – 11:00

Conversion to open procedure – decision making, treatment, tips & tricks
R. Chiesa

15:00 – 16:00

VIVA@LINC: Strategies on the frontline –



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

Moderator: R. Kolluri

Discussants: S. Lyden, W. Gray, L. Garcia, J. Rundback

Aortic *S. Lyden*

Carotid *W. Gray*

Femoro-popliteal *L. Garcia*

Tibial-pedal *J. Rundback*

This is topic-based session with illustrative cases. The speaker will present a recent case and go through a step-by-step approach with technical tips and advice on best management.



09:30 – 11:00	<p>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 <i>Moderators: S. Steiner, M. Montero-Baker</i></p> <p>Focus on aorto-iliac obstructions Latest techniques for crossing of aortoiliac occlusions <i>M. Ulrich</i></p> <p>Focus on femoropopliteal arteries The controversy about Paclitaxel coated devices – latest evidence <i>W. Gray</i></p> <p>09:37 – 09:44 09:44 – 09:51 The retrograde approach for complex femoropopliteal and BTK obstructions <i>A. Fischer</i></p> <p>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 <i>E. Blessing</i></p> <p>09:58 – 10:05 Rotational and directional atherectomy devices: What works in which lesion? <i>P. Krishnan</i></p> <p>10:05 – 10:12 DES vs. DCB in femoral arteries – what works best? <i>S. Steiner</i></p> <p>Focus on BTK arteries and CLI Calcification in BTK arteries and recanalisation techniques for CTOs <i>J. Mustapha</i></p> <p>10:12 – 10:19 10:19 – 10:26 10:26 – 10:33 The role of stents and scaffolds in BTK vessels <i>R. Varcoe</i> The concept of deep venous arterialization for end-stage CLI – current status <i>S. Kum</i></p> <p>10:33 – 11:00 Discussion and conclusion</p>
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MULTIPLE PURPOSE AREA 3 (CCL)

11:30 – 12:30	<p>Orbital atherectomy hands-on training village for nurses and technologists: Understanding the challenges of calcium in PAD and treatment options with orbital atherectomy <i>sponsored by Cardiovascular Systems, Inc and OrbusNeich</i></p> <p>Learning objectives: – Orbital atherectomy dual mechanism of action for treating calcified lesions – OAS device set-up and preparation – Proper OAS device selection</p>
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- 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 Geof foam 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

11:00 – 12:30	Challenging cases and complications – CLI/BTK <i>Moderators: L. Palena, L. Garcia</i>
11:00 – 11:05	Standardizing zero contrast CLI angioplasty in CKD: From aorta to tibials <i>P. Michael</i>
11:05 – 11:10	Utility of alternative access in complex CLI revascularisation <i>J. Campbell</i>
11:10 – 11:15	“TurboCat” (Laser+Penumbra) Technique for ALI and non-ALI peripheral arterial disease interventions <i>K. Madassery</i>
11:15 – 11:20	Combined arterial revascularisation, free-flap transfer, and rehabilitation program for limb salvage in patients with major tissue loss from chronic limb threatening ischemia <i>S. Hahtapornsawan</i>
11:20 – 11:25	Anterior tibial artery to anterior tibial vein deep vein arterialization for limb salvage <i>K. Madassery</i>
11:25 – 11:30	Application of retrograde pedal access, transcollateral and pedal-plantar loop approach in a young CLI patient with all BTK total occlusions <i>J.-H. Lee</i>
11:30 – 11:35	Hybrid open-endovascular thrombectomy of the lower limb for acute limb ischemia combining standard Fogarty balloon thrombectomy and the use of the Indigo system <i>G. Coppi</i>
11:35 – 11:40	Case of acute digital artery occlusion in upper extremities, treated with fibrinolytic treatment <i>K. Horie</i>
11:40 – 11:45	Unique technique for treatment of critical hand ischemia <i>A. Bahro</i>
11:45 – 12:30	Discussion and conclusion



- 12:30 – 13:30** **Innovation forum – PVD/SFA/BTK**
Moderators: W. Gray, M. Montero-Baker
- 12:30 – 12:35 Endovascular extra-anatomic femora-popliteal bypass for limb salvage in chronic critical limb ischemia *G. Angelopoulos*
- 12:35 – 12:40 MicroNET-Covered Self-Expandable Stent In High-Risk Vascular Lesions Beyond The CArotid Bifurcation: The EXTRA-GUARD study *P. Musialek*
- 12:40 – 12:45 Natural Vascular Scaffolding (NVS) to restore and maintain femoropopliteal luminal patency in Peripheral Arterial Disease (PAD) *W. Gray*
- 12:45 – 12:50 Temporal reverse flow by proximal femoral artery occlusion during drug-coated balloon dilatation: A significant technique to minimize downstream particle embolization and systemic adverse effects *M. Kimura*
- 12:50 – 12:55 The technology behind SELUTION SLR: The first limus-eluting DEB for treating lesions PAD *J. Schulze*
- 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*
- 13:15 – 13:20 Diagnostic performance potential of periprocedural tissue oxygen monitoring to assess functional success of endovascular revascularisation *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
- 13:30 – 13:35 A case report: Giant popliteal artery aneurysm *A. Khalil*
- 13:35 – 13:40 Successful removal of a fractured catheter tip using 0.014 inch wires during heavily calcified femoropopliteal 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 persisiting 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. Oganessian*
- 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

- 09:30 – 11:00** **Challenging cases and complications – EVAR general/infrarenal (part I)**
Moderators: F. Moll, S. Botsios
- 09:30 – 09:35 Recanalisation of chronic iliac artery occlusion, with EVAR-IBE and TEVAR for aortoiliac aneurysms after previous open repair of Type II thoracoabdominal aortic aneurysm *A. El-Bakr*
- 09:35 – 09:40 Iliac conduit construction without vascular control: An alternative access for bail-out stent grafting to salvage failed IBD implantation with retained delivery system *K. Hongku*
- 09:40 – 09:45 Percutaneous puncture of angioplasty balloon for creating an access route for endovascular aortic aneurysm repair *M. Inagaki*
- 09:45 – 09:50 Ease of deployment of the TREO stent-graft: Value in resident training *B. Rylski*
- 09:50 – 09:55 EVAR in a case of infrarenal abdominal aortic pseudoaneurysm – salvaged by indigenous modification of EVAR technique and on table device modification *S. Kumar*
- 09:55 – 10:00 Sequentially treated both internal iliac aneurysms with stenting and coiling method via endovascular approach *S. Oh*
- 10:00 – 10:05 Chimney EVAR with IO complication *J. Kojuri*
- 10:05 – 10:10 Bail out procedure for juxtarenal aortic cuff dislocation during transcatheter aortic valve implantation after endovascular repair for ruptured aortic aneurysm *R. Kopp*
- 10:10 – 10:15 Endovascular solutions for maldeployment of contralateral limb in EVAR. Tips and tricks to avoid open conversion *S. Koussayer*
- 10:15 – 10:20 An unusual case of delayed complete aortic graft occlusion treated by kissing balloon expandable covered stents and renal chimney *C. Panzano*
- 10:20 – 10:25 Total laparoscopic inferior mesenteric artery ligation and direct sac puncture embolization technique for treatment of Type II endoleak *E. San Norberto-Garcia*
- 10:25 – 10:30 Management of an AAA with obstructive uropathy by EVAR using 20ml of contrast *A. Sayed*
- 10:30 – 10:35 Ilio-renal endovascular bypass: An innovative technique to preserve an accessory renal artery in endovascular abdominal aortic repair (EVAR) *C. Tello-Díaz*
- 10:35 – 11:00 Discussion and conclusion

- 11:00 – 12:30 Challenging cases and complications – EVAR general/infrarenal (part II)**
Moderators: F. Vermassen, H. Verhagen
- 11:00 – 11:05 Unexpected mid-term results after endovascular aneurysm sealing
R. Villardefrancos
- 11:05 – 11:10 Recurrence mycotic aneurysm after successful EVAR, good imaging does not mean good result
N. Wiangphoem
- 11:10 – 11:15 Endovascular management of iliocaaval fistula using stent-graft and vascular plug
J.-H. Won
- 11:15 – 11:20 Retrograde fenestration of inadvertently deployed overbifurcation stent graft
A. Allam
- 11:20 – 11:25 A challenging case of a leaking bypass graft following open aortic aneurysm repair in a patient with iodine contrast allergy successfully relined with EVAR stent graft using carbon dioxide angiography
S. Prabhudesai
- 11:25 – 11:30 Cardio-circulatory breakdown by rupture of iliac aneurysm:
 The endovascular solution to survive
B. Conti
- 11:30 – 11:35 Endovascular treatment of an abdominal aortic aneurysm with a very narrow lumen using an iliac branch device
G. Gemayel
- 11:35 – 11:40 Complex endovascular aortic aneurysm repair of juxtarenal abdominal aortic aneurysm (JRAA) with concomitant aortoiliac occlusion:
 A single stage procedure
K. Hongku
- 11:40 – 11:45 Colt as a rescue device for failed EVAS
P. Szopiński
- 11:45 – 11:50 Physician-modified endografts (PMEG) for endovascular treatment of hostile AAA
H. S. Park
- 11:50 – 11:55 LASER-MADE (in situ laser fenestration) for treatment endoleak Type 1A
M. Majewski
- 11:55 – 12:00 Endovascular options of treating iliac aneurysm
M. Majewski
- 12:00 – 12:05 Treatment of complex visceral and iliac aneurysms with endografts
E. Alejandro Lafont
- 12:05 – 12:10 Trouble shooting after iliac side branch implantation
S. Seifert
- 12:10 – 12:30 Discussion and conclusion
- 12:30 – 13:30 Challenging cases and complications – visceral**
Moderators: O. Bakker, E. Alejandro Lafont
- 12:30 – 12:35 A case of rapidly expanding superior mesenteric artery aneurysm in a patient with systemic lupus erythematosus and antiphospholipid syndrome
H. S. Park
- 12:35 – 12:40 Endovascular management of massive hemobilia due to cystic artery pseudoaneurysm following laproscopic cholecystectomy
A. Khan
- 12:40 – 12:45 Venous sac embolization for huge arteriovenous malformation around pancreas with AV shunt approach
S. Onozawa
- 12:45 – 12:50 Emergency treatment of ruptured giant splenic artery aneurysm after endovascular approach
R. Corbetta
- 12:50 – 12:55 Endovascular management of a giant aneurysm of the Celiac Trunk
G. Galzerano
- 12:55 – 13:00 Clinical outcomes of endovascular intervention and open surgical repair for mesenteric ischemia
M. Ansari
- 13:00 – 13:05 Complex interventions in abdominal aorta and its branches in children with Takayasu arteritis
R. Vijayvergiya
- 13:05 – 13:10 Management of mesenteric ischemia in contaminated peritoneal cavity by using reimplantation of SMA and ilio mesenteric bypass by using reversed femoral vein graft
A. Savlania
- 13:10 – 13:30 Discussion and conclusion

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*



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

09:00 – 13:00

**“Great saves and big disasters” –
Review of challenging cases and complications**

■ *with Andrej Schmidt live from Leipzig*

Moderators: G. Biamino, J.-P. de Vries

Panel: S. Sixt, A. Micari, H. Krankenberg, D.-D. Do, S. Lyden

Announcement of the winners of the LINC 2020 poster award

Peripheral

Review of a large series of endovascular stuck catheter removal adopting a personal combination of techniques *G. Saracino*

Management of vascular complications during TAVI *M. Roffi*

Endovascular therapy for CFA disease: Case presentation and discussion of data *B. DeRubertis*

Management of popliteal aneurysms, bypass vs. stenting *M. Martin*

Endovascular repair of a large pseudoaneurysm of anterior tibial artery following total knee replacement *A. Khan*



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

- 13:00 – 14:30** **Moderated poster round in front of Main arena 1**
Jurors: R. Bulbulia, K. Brachmann
- 13:00 – 13:05** **Challenging cases: Venous, AV-shunt, carotid**
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 posttrombotic 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. Intriери*
- 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 treatment 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 phlebetic 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 crosssection 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 ilio caval 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 femORopoplTeal lesions TRIAL (FAVORITE TRIAL) *K. Suzuki*
- 09:40 – 09:45 One year outcome of patients treated with the Paseo-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 crosser 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**

- 13:00 – 15:00** **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*
- 13:10 – 13:15 Arterial and venous thromboaspiration: Alternative to conventional treatment? Case report *A. C. Silveira*
- 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*
- 13:20 – 13:25 Novel approach to endovascular management of femoro-popliteal artery CTO *B. Purushottam*
- 13:25 – 13:30 Where to put sheath in when neither ipsilateral CFA nor contralateral CFA is possible? *W. Pitaksantayothin*
- 13:30 – 13:35 From bleeding to thrombosis. Complications after antegrade puncture of common femoral artery *O. Oganessian*
- 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*

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

15:15 – 16:25

Moderated poster round in front of Main arena 1

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

Original research and challenging cases: PVD, CLI

15:15 – 15:20

Endothelial functions changes as predictors of endovascular treatment outcomes? *M. Schönborn*

15:20 – 15:25

Ultrasound-guided thrombin injection for treatment of iatrogenic femoral artery pseudoaneurysms compared with open surgery: First experiences from a single institution *O. Saydam*

15:25 – 15:30

Ultrasound guided hemostatic agent injection for treatment of femoral pseudoaneurysms: Focus on size of the sheath on pseudoaneurysm diameter *C. Maturi*

15:30 – 15:35

Radial plus ipsilateral femoral approach tends to reduce periprocedural bleeding after percutaneous interventions for iliac artery chronic total occlusion *Y.-H. Yoon*

15:35 – 15:40

Evaluation of a novel thyroid collar designed for increased reduction of head and neck exposure during x-ray guided interventions *M. Larsson*

15:40 – 15:45

Effect of successful revascularisation on left ventricular diastolic dysfunction in patients with aortoiliac occlusive disease *W. Kim*

15:45 – 15:50

The use of subcutaneous Bicarbonate solution and Lidocaine in endovascular cases *B. Huasen*

15:50 – 15:55

Vascular access in the elderly *H. Hayeq*

15:55 – 16:00

Evolution in iatrogenic pseudoaneurysm treatment, a single-center experience *S. Gordillo*

16:00 – 16:05

Endovascular options in upper extremity acute arterial occlusion treatment *I. Semin*

16:05 – 16:10

Manual modified 0.014 catheters for infrapopliteal intra-arterial thrombolysis in acute limb ischemia *B. Purushottam*

16:10 – 16:15

A failed deep venous arterialization performed without dedicated devices *S. W. Park*

16:15 – 16:20

Endovascular management of acute ischemia secondary to antiphospholipid syndrome that associates severe hematological disorders *A. Martín Álvarez*

16:20 – 16:25

A challenging surgery for limb salvage after brachial artery injury *A. Khalil*

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

09:00 – 10:50

Moderated poster round in front of Main arena 1

Jurors: P. Kasprzak, F. Vermassen

Challenging cases: EVAR (part I)

- 09:00 – 09:05 In situ 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*

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

13:00 – 14:15

Moderated poster round in front of Main arena 1

Jurors: A. Holden, M. Reijnen

Original research: EVAR

13:00 – 13:05

End-tidal carbon dioxide as an indicator of partial REBOA in normovolemia and hemorrhagic shock in anesthetized pigs *M. Sadeghi*

13:05 – 13:10

The impact of proximal neck characteristics on lowest renal artery visualization in EVAR procedures with CO₂ angiography *A. Vacirca*

13:10 – 13:15

The Colt device – branched stent-graft for TAAA treatment *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*

13:20 – 13:25

Overhaul concept for the treatment of occult endoleaks after EVAR *Y. Ogawa*

13:25 – 13:30

Transcatheter plug closure for complications after cardiac/thoracic aortic surgery *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*

13:50 – 13:55

Implementation of post-op complication classification system Clavien Dindo, in vascular surgery *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. Pagliariccio*

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

14:30 – 15:50

Moderated poster round in front of Main arena 1

Jurors: S. Basche, E. Alejandro Lafont

Original research und challenging cases:

Iliac, embolization, visceral, miscellaneous

14:30 – 14:35

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

14:35 – 14:40

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

14:40 – 14:45

Long-term results after endovascular approach in bilateral aorto-iliac occlusive disease *N. Zherdev*

14:45 – 14:50

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

14:50 – 14:55

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

14:55 – 15:00

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

15:00 – 15:05

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

15:05 – 15:10

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

15:10 – 15:15

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

15:15 – 15:20

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

15:20 – 15:25

Splenic artery injury *N. Algharem*

15:25 – 15:30

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

15:30 – 15:35

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

15:35 – 15:40

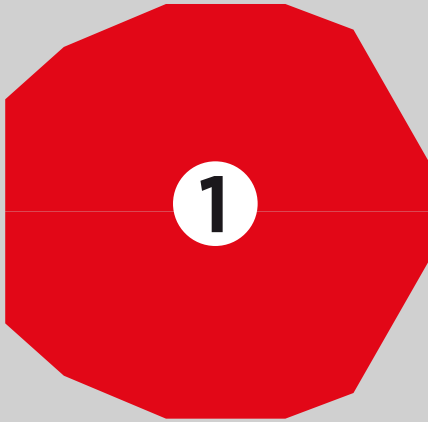
Feasibility and clinical outcome of REBOA in patients with impending traumatic cardiac arrest *D. McGreevy*

15:40 – 15:45

Challenging case of ritical limb ischemia in young female *E. Peretti*

15:45 – 15:50

Evaluating the response to treatment of central venous stenosis or obstruction by balloon angioplasty in patients with hemodialysis *A. Saroukhani*



LINC cube



LINC digital poster



Cateri

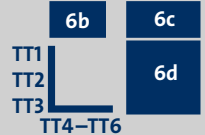
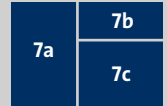
12

12a

11b

11a

CONGO



TT1
TT2
TT3

TT4–TT6

LINC digital poster



TT7
TT8
TT11
TT12

0b

0a

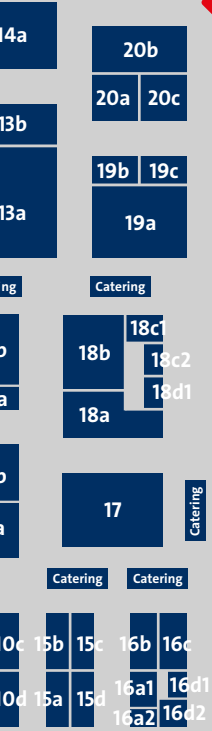


Floor plan, hall 2



*Restaurant
full service*

Main entrance



Entrance



*Restaurant
self-service*

**Meeting
rooms**

**Press
room**



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 Veryan
- 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 Zyxlo
- 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 Kinect Health
- TT12 Future meeting table

Faculty:

- C1 Faculty lounge
- C2 Speaker ready room
- C3 CongO office

SHUTTLE SERVICE

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 Ininside 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).

PUBLIC TRANSPORTATION

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.



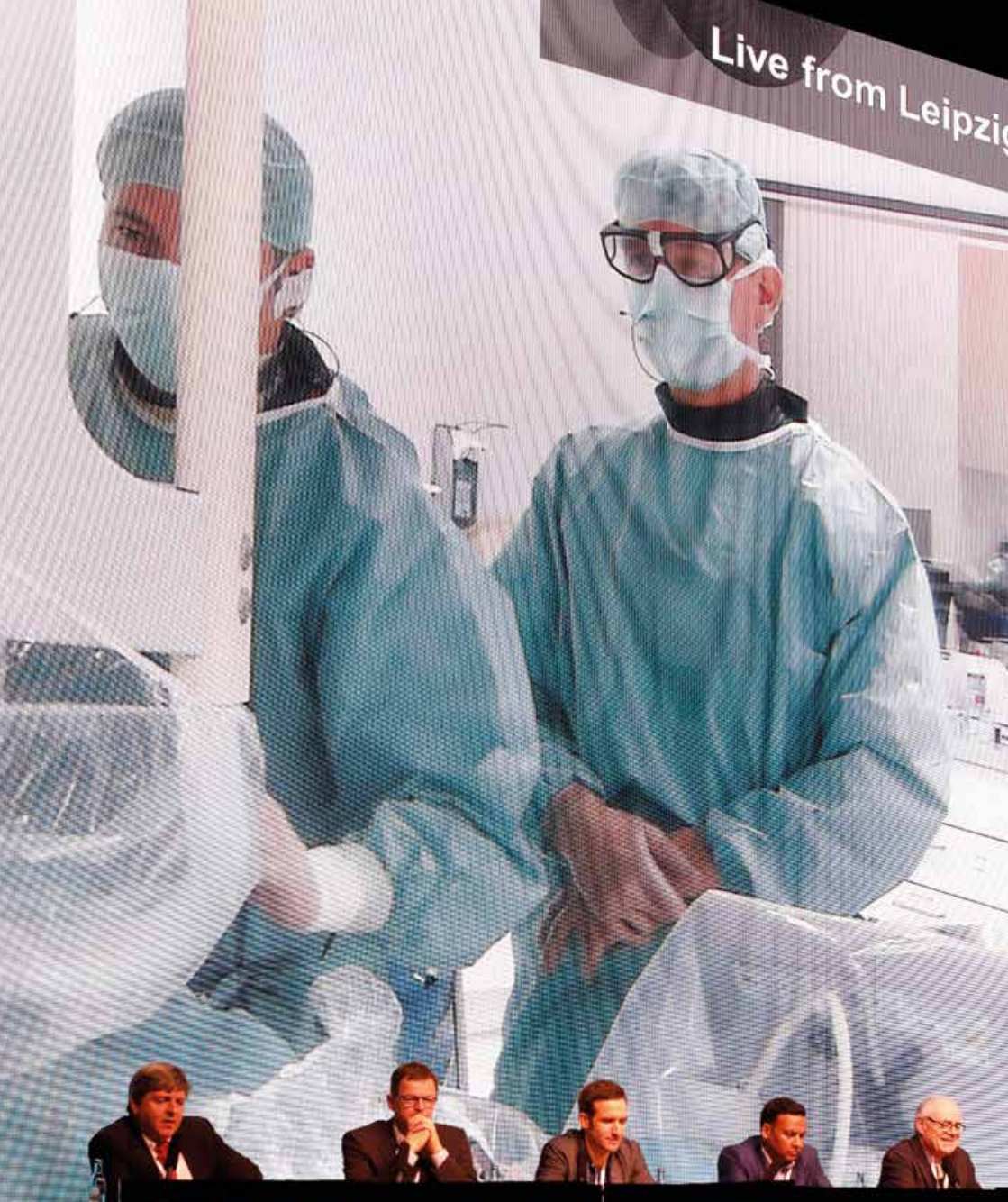
L I N C



Leipzig Interventional Course 2021 | 26–29 January 2021

Save the date!
LINC 2021
will take place on
26–29 January
2021

Live from Leipzig



D. Scheinert

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J. Sobocinski

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

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The venue

Trade Fair Leipzig, Hall 2
Messe Allee 1
04356 Leipzig, Germany

www.leipziger-messe.de



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