

LEIPZIG
INTERVENTIONAL
COURSE
2019

LINIC

22–25 January 2019

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

Programme

www.leipzig-interventional-course.com

Welcome to LINC 2019

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 2019.



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.

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 Asia-Pacific

In 2018, LINC Asia-Pacific was arranged for the 9th time, attracting 502 attendees from the Asia-Pacific region. LINC Asia-Pacific 2019 will take place from March 12 to 13, 2019, at the AsiaWorld-Expo in *Lantau, Hong Kong*. LINC Asia-Pacific will focus on the demonstrations of interventional techniques, presenting multiple live cases and interdisciplinary discussions.

LINC@SITE 2019

29–31 March 2019, School of Medicine, University of Barcelona, *Barcelona, Spain*

LINC@CICE 2019

3–5 April 2019, WTC Theater, Sheraton São Paulo WTC Hotel, *São Paulo, Brazil*

LINC@Charing Cross 2019

15–18 April 2019, Olympia Grand, *London, United Kingdom*

LINC New York@Mount Sinai

11–12 June 2019 in conjunction with the 22nd CCVVC-Course, Mount Sinai Hospital, *New York, USA*

LINC@CCT

will feature selected topics and pre-recorded cases, dedicated to the treatment of patients with complex vascular diseases. 24–26 October 2019, Kobe International Exhibition Hall and Portpia Hotel, *Kobe, Japan*

LINC@CEC

December 2019, Shanghai International Convention Center, *Shanghai, China*

LINC@VIVA Conference

4–7 November 2019, Wynn Las Vegas, *Las Vegas, USA*

LINC@VEITHsymposium

19–23 November 2019, New York Hilton-Midtown, *New York, USA*

LINC Australia/VERVE Symposium

5–7 December 2019, 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, technicians, and fellows @ LINC Current concepts and new approaches in endovascular interventions

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

Focus on carotid stenting and embolization therapies

- Carotid artery stenosis – diagnostic approach and indication for treatment
- Carotid artery stenting – latest technologies
- Principles of coil embolization for bleeding, endoleaks and beyond
- Interventional tumor therapy: what is available and how does it work?
- New applications for embolization therapies

Focus on endovascular aortic repair

- Endovascular aortic repair of infrarenal aortic and iliac aneurysms – from imaging to implantation
- The role of 2D and 3D fusion imaging for reconstruction of complex aortic pathologies
- Branched and fenestrated grafts – When and how to use?
- Endovascular treatment of aortic dissections
- Glimpse into the future: Endovascular treatment of the aortic arch and the ascending aorta
- The percutaneous approach: What do we need to know about different access sites?

Focus on peripheral arterial interventions

- Latest data in the field of drug-eluting therapies: What is the current status?
- The retrograde approach – when and how to do it?
- A review of atherectomy devices: What works best in which lesion?
- What is Intravascular Lithotripsy and when to use it?
- New hope for end-stage CLI patients: The concept of deep venous arterialization
- New approaches to measure perfusion after recanalization in CLI procedures

Focus on venous interventions an AV-access

- Iliac vein recanalizations: Indication, techniques, and outcome
- Endoluminal treatment of varicose veins
- Percutaneous creation of AV-fistula – initial experience

Due to the great success in the past years, LINC 2019 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.

L I N C

Get the LINC 2019 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.



In 2019 we are very happy to continue extending our international collaboration with leading vascular courses:



CX@LINC 2019

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



VIVA@LINC 2019

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 2019

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 2019

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 Japan@LINC 2019

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 2019

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 2019

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.



LIVE CASE TRANSMISSION

During LINC 2019 several live cases will be performed from national and international centers.

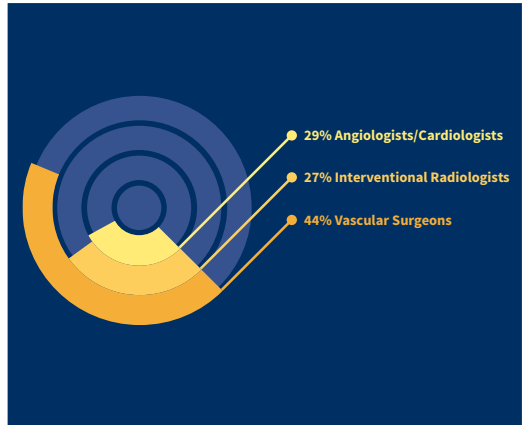
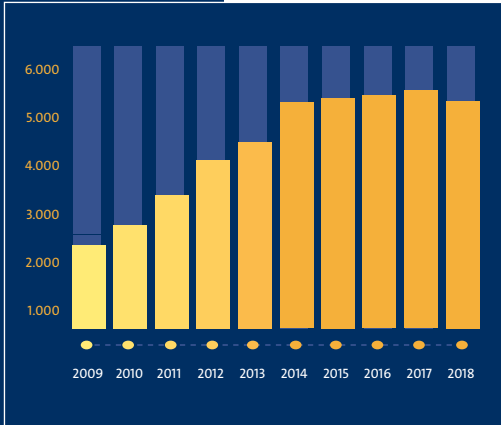
All live case transmissions are coordinated, filmed, and produced by the mediAVentures crew, using the latest in high definition television and wireless technology.

- **University Hospital Leipzig**, Department of Angiology, *Leipzig, Germany*
- **Policlinico Abano Terme**, *Abano Terme, Italy*
- **Heartcenter Bad Krozingen**, *Bad Krozingen, Germany*
- **Humanitas Gavazzeni Bergamo**, *Bergamo, Italy*
- **Sankt-Gertrauden-Hospital**, *Berlin, Germany*
- **OhioHealth Research Institute**, *Columbus, USA*
- **Johann Wolfgang Goethe University Frankfurt/Main**,
Department of Diagnostic and Interventional Radiology,
Frankfurt/Main, Germany
- **Galway University Hospital**, *Galway, Ireland*
- **University Hospital Jena**, *Jena, Germany*
- **St. Franziskus Hospital**, *Münster, Germany*
- **Mount Sinai Hospital**, *New York, USA*
- **Hôpital Marie Lannelongue**, *Paris, France*
- **UniversitätsSpital Zürich**, *Zurich, Switzerland*



LINC 2018 STATISTICS

LINC 2018 had a multidisciplinary attendance of 4.866 participants from more than 75 countries. Please visit our website for more details.



LINC 2019 – Accreditations and endorsements

- **The Sächsische Landesärztekammer with 21 CME points.**
www.slaek.de
- **The Swiss Society for Angiology with 31 CME points**
www.angioweb.ch
- **Dutch Association for Vascular Surgery with 20 accreditation points in Category I**
www.vaat-chirurgie.nl



LINC 2019 is under the patronage of:

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



LINC 2019 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 2019 has been 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, 21 January 15:00 – 20:00 On Monday afternoon you have the possibility **to pick up your badge/register**

Radisson Hotel:

Monday, 21 January 15:00 – 20:00 On Monday afternoon you have the possibility **to pick up your badge**

Marriott Hotel:

Monday, 21 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, 22 January 07:00 – 18:00

Wednesday, 23 January 07:30 – 18:00

Thursday, 24 January 07:30 – 18:00

Friday, 25 January 08:30 – 12:00

Exhibit hours

Tuesday, 22 January 08:00 – 18:00

Wednesday, 23 January 08:00 – 18:00

Thursday, 24 January 08:00 – 18:00

Friday, 25 January 09:00 – 12:00

Your **name badge** must be worn at all times for admittance to all LINC 2019 sessions, including the exhibit area. No new badge will be printed in case of loss. No exceptions will be made.

Internet access

Internet is available for free in the exhibit area during the entire duration of the congress. **Network: CCL, Username: linc2019, Password: leipzig**

Privacy

The qr-code on your badge contains your encoded contact details.

Only exhibitors who have the LINC 2019 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 2019 app for iPhone, iPad, and iPod

At LINC 2019 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 2019. 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 CCL, Multi-Purpose Area 4, 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.

Official Airline Partner

Special offer with Lufthansa – discounted travel for LINC 2019 attendees. Lufthansa German Airlines offers a comprehensive global route network, linking Leipzig with major cities around the world. To make a reservation, please visit: <https://www.lufthansa.com/de/en/meetings-and-events-delegates> and enter the access code **DEZQMRO** in the "Access to Your Special Lufthansa Offer" area.

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 2019 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
Fax: +49 341 678 167011
E-Mail: xenia.hunger@fairgourmet.de

Social dinner

Tickets for our social dinner in the Moritzbastei on Thursday, 24 January 2019, can be purchased for 40,00 Euro at the ticket counter on Wednesday and Thursday from 13.00 until 18.00 o'clock on a first comes – first serves basis, max. 3 tickets per person.

SCIENTIFIC COMMITTEE

Dierk Scheinert, Cardiologist, Angiologist, *Leipzig, Germany*
Andrej Schmidt, Cardiologist, Angiologist, *Leipzig, Germany*
Giancarlo Biamino, Cardiologist, Angiologist, *Impruneta, Italy*

Iris Baumgartner, Angiologist, *Bern, Switzerland*
Marianne Brodmann, Angiologist, *Graz, Austria*
Wei Guo, Vascular Surgeon, *Beijing, China*
Stéphan Haulon, Vascular Surgeon, *Paris, France*
Nils Kucher, Cardiologist, *Zurich, Switzerland*
Steven Kum, Vascular Surgeon, *Singapore, Singapore*
Armando Lobato, Vascular Surgeon, *São Paulo, Brazil*
Vicente Rimbau, Vascular Surgeon, *Barcelona, Spain*
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*

LIVE CASE COMMITTEE

Gary Ansel, Cardiologist, *Columbus, United States*
Martin Austermann, Vascular Surgeon, *Münster, Germany*
Prakash Krishnan, Interventional Cardiologist, *New York, United States*
Ralf Langhoff, Angiologist, *Berlin, Germany*
Marco Manzi, Interventional Radiologist, *Abano Terme, Italy*
Antonio Micari, Cardiologist, *Palermo, Italy*
Gerard O'Sullivan, Interventional Radiologist, *Galway, Ireland*
Andrej Schmidt, Cardiologist, Angiologist, *Leipzig, Germany*
Thomas J. Vogl, Interventional Radiologist, *Frankfurt, Germany*



INVITED FACULTY

George Adams, Interventional Cardiologist, *Wake Forest, United States*
João Albuquerque e Castro, Vascular Surgeon, *Pareda, Portugal*
Klaus Amendt, Angiologist, *Mannheim, Germany*
Hiroshi Ando, Interventional Cardiologist, *Kasukabe, Japan*
Michele Antonello, Vascular Surgeon, *Padua, Italy*
Ehrin Armstrong, Cardiologist, *Denver, United States*
René Aschenbach, Interventional Radiologist, *Jena, Germany*
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*
Raffaello Bellosta, Vascular Surgeon, *Brescia, Italy*
Ulrich Beschorner, Angiologist, *Bad Krozingen, Germany*
Christoph Binkert, Interventional Radiologist, *Winterthur, Switzerland*
Theodosios Bisdas, Vascular Surgeon, *Münster, Germany*
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*
Jürgen Bühse, Data Protection Officer, *Halle, Germany*
Nico Busch, Regulatory Affairs Manager, *Antwerp, Belgium*
Roberto Chiesa, Vascular Surgeon, *Milan, Italy*
Tze Tec Chong, Vascular Surgeon, *Singapore, Singapore*
Angelo Cioppa, Cardiologist, *Mercogliano, Italy*
Giacomo Clerici, Internist, *Pavia, Italy*
Raphael Coscas, Vascular Surgeon, *Boulogne-Billancourt, France*
Frank Criado, Vascular Surgeon, *Baltimore, United States*
Jorge Cuenca, Vascular Surgeon, *Granada, Spain*
Michael Dake, Interventional Radiologist, *Stanford, United States*
Gianmarco de Donato, Vascular Surgeon, *Siena, Italy*
Rick de Graaf, Interventional Radiologist, *Maastricht, Netherlands*
Jean-Paul de Vries, Vascular Surgeon, *Groningen, Netherlands*
Erik Debing, Vascular Surgeon, *Brussels, Belgium*
Sebastian Debus, Vascular Surgeon, *Hamburg, Germany*
Costantino del Giudice, Interventional Radiologist, *Paris, France*
Koen Deloose, Vascular Surgeon, *Dendermonde, Belgium*
Joao Gualberto Diniz, Cardiovascular Surgeon, *São Paulo, Brazil*
Dai-Do Do, Angiologist, *Bern, Switzerland*
Bart Dolmatch, Interventional Radiologist, *Palo Alto, United States*
Konstantinos Donas, Vascular Surgeon, *Münster, Germany*
Franziska Dorn, Neuroradiologist, *Munich, Germany*
Eric Ducasse, Vascular Surgeon, *Bordeaux, France*

INVITED FACULTY

Stephan Duda, Interventional Radiologist, *Berlin, Germany*
Mert Dumantepe, Cardiovascular Surgeon, *Istanbul, Turkey*
Michael Edmonds, Diabetologist, *London, United Kingdom*
Rolf Engelberger, Angiologist, *Freiburg, Switzerland*
Christian Etz, Cardiac Surgeon, *Leipzig, Germany*
Fabrizio Fanelli, Vascular and Interventional Radiologist, *Florence, Italy*
Jorge Fernández Noya, Vascular Surgeon, *Santiago de Compostela, Spain*
Roberto Ferraresi, Interventional Cardiologist, *Milan, Italy*
Axel Fischer, Internist, *Leipzig, Germany*
Tobias Franiel, Interventional Radiologist, *Jena, Germany*
Bruno Freitas, Vascular Surgeon, *Petrolina, Brazil*
Masahiko Fujihara, Interventional Cardiologist, *Kishiwada, Japan*
Torsten Fuß, Angiologist, *Radebeul, Germany*
Paul Gagne, Vascular Surgeon, *Darien, United States*
Alexander Gangl, Radiology Technician, *Graz, Austria*
Lawrence Garcia, Cardiologist, *Boston, United States*
Mauro Gargiulo, Vascular Surgeon, *Bologna, Italy*
Patrick Geraghty, Vascular Surgeon, *St Louis, United States*
Reza Ghotbi, Vascular Surgeon, *Munich, Germany*
Rocco Giudice, Vascular Surgeon, *Rome, Italy*
Yann Gouëffic, Vascular Surgeon, *St. Herblain, France*
Juan Fernando Granada Solis, Cardiologist, *New Jersey, United States*
William Gray, Cardiologist, *Wynnewood PA, United States*
Roger Greenhalgh, Vascular Surgeon, *London, United Kingdom*
Grzegorz Halena, Vascular Surgeon, *Gdansk, Poland*
Alison Halliday, Vascular Surgeon, *Oxford, United Kingdom*
Christopher Hammond, Consultant Vascular and Interventional Radiologist, *Leeds, United Kingdom*
Timothy Hanson, Senior Statistical Manager, *Minneapolis, United States*
Olivier Hartung, Vascular Surgeon, *Marseille, France*
Paul Hayes, Vascular Surgeon, *Cambridge, United Kingdom*
Jörg Heckenkamp, Vascular Surgeon, *Osnabrück, Germany*
Robin Hendricus Heijmen, Cardiothoracic Surgeon, *Nieuwegein, Netherlands*
Hans Henkes, Interventional Radiologist, *Stuttgart, Germany*
Jan Heyligers, Consultant Vascular Surgeon, *Tilburg, Netherlands*
Tobias Hirsch, Angiologist, *Halle (Saale), Germany*
Ralf-Thorsten Hoffmann, Interventional Radiologist, *Dresden, Germany*
Peter Holt, Vascular Surgeon, *London, United Kingdom*
Peter Huppert, Interventional Radiologist, *Darmstadt, Germany*
Osamu Iida, Interventional Cardiologist, *Amagasaki, Japan*
Maria Louisa Izamis, Clinical Scientist, *Eindhoven, Netherlands*
Luis Izquierdo, Vascular Surgeon, *Madrid, Spain*
Michael Jacobs, Vascular Surgeon, *Maastricht, Netherlands*
Houman Jalaie, Vascular Surgeon, *Aachen, Germany*
Konrad Janowski, Vascular Surgeon, *Lodz, Poland*
Robert Jones, Consultant Interventional Radiologist, *Birmingham, United Kingdom*
Lowell Kabnick, Vascular Surgeon, *Far Hills, New Jersey, United States*
Andrea Kahlberg, Vascular Surgeon, *Milan, Italy*
Konstantinos Katsanos, Interventional Radiologist, *London, United Kingdom*
Athanasios Katsargyris, Vascular Surgeon, *Nuremberg, Germany*
Daizo Kawasaki, Interventional Cardiologist, *Osaka, Japan*

Panagiotis Kitrou, Interventional Radiologist, *Patras, Greece*
Tilo Kölbel, Vascular Surgeon, *Hamburg, Germany*
Maaike Koenrades, Other, *Enschede, Netherlands*
Ralf Kolvenbach, Vascular Surgeon, *Düsseldorf, Germany*
Andreas Koops, Interventional Radiologist, *Berlin, Germany*
Grigorios Korosoglou, Cardiologist, Angiologist, *Weinheim, Germany*
Hans Krankenberg, Cardiologist, Angiologist, *Hamburg, Germany*
Boonpravit Kritpracha, Vascular Surgeon, *Songkhla, Thailand*
Mario Lachat, Vascular Surgeon, *Zurich, Switzerland*
John Laird, Cardiologist, *Davis, United States*
Wouter Lansink, Vascular Surgeon, *Genk, Belgium*
Thomas Larzon, Vascular Surgeon, *Örebro, Sweden*
Michael Lichtenberg, Angiologist, *Arnsberg, Germany*
Francesco Liistro, Interventional Cardiologist, *Arezzo, Italy*
Romarin Loffroy, Interventional Radiologist, *Dijon, France*
Robert Lookstein, Vascular and Interventional Radiologist, *New York, United States*
Luigi Lovato, Radiologist, *Bologna, Italy*
Jernej Lučev, Interventional Radiologist, *Maribor, Slovenia*
Anina Lukhaup, Angiologist, *Munich, Germany*
Philipp Lurz, Cardiologist, *Leipzig, Germany*
Madeleine Luther, Other, *Leipzig, Germany*
Sean Lyden, Vascular Surgeon, *Cleveland, United States*
Bettina Maiwald, Interventional Radiologist, *Leipzig, Germany*
Thomas Maldonado, Vascular Surgeon, *Bronxville, United States*
Martin Malina, Vascular Surgeon, *Copenhagen, Denmark*
Amer Malouhi, Interventional Radiologist, *Jena, Germany*
Klaus Mathias, Interventional Radiologist, *Hamburg, Germany*
Matthew Menard, Vascular Surgeon, *Lincoln, United States*
Chris Metzger, Interventional Cardiologist, *Kingsport, United States*
Michael Moche, Interventional Radiologist, *Nuremberg, Germany*
Bijan Modarai, Vascular Surgeon, *London, United Kingdom*
Frans Moll, Vascular Surgeon, *Utrecht, Netherlands*
Miguel Montero-Baker, Vascular Surgeon, *Houston, United States*
Piero Montorsi, Interventional Cardiologist, *Milan, Italy*
Nilo Mosquera, Vascular Surgeon, *Ourense, Spain*
Katja Mühlberg, Internist, Angiologist, *Leipzig, Germany*
Stefan Müller-Hülsbeck, Interventional Radiologist, *Flensburg, Germany*
David Murray, Consultant Vascular and Endovascular Surgeon, *Manchester, United Kingdom*
Jihad Mustapha, Interventional Cardiologist, *Grand Rapids, United States*
Patrice Mwipatayi, Vascular Surgeon, *Perth, Australia*
Tatsuya Nakama, Cardiologist, *Miyazaki, Japan*
Sigrid Nikol, Cardiologist, Angiologist, *Hamburg, Germany*
Piotr Odrowaz-Pieniazek, Interventional Cardiologist, *Krakow, Poland*
Luis Mariano Palena, Interventional Radiologist, *Abano Terme, Italy*
Maciej Pech, Radiologist, *Magdeburg, Germany*
Markus Peck-Radosavljevic, Internist, *Klagenfurt, Austria*
Johann Pelz, Neurologist, *Leipzig, Germany*
Constantino Peña, Interventional Radiologist, *Key Biscane, United States*
Daniel Périard, Angiologist, *Freiburg, Switzerland*
Tim Ole Petersen, Interventional Radiologist, *Leipzig, Germany*
Giovanni Pratesi, Vascular Surgeon, *Rome, Italy*
Anna Prent, Vascular Surgeon, *London, United Kingdom*

INVITED FACULTY

Marios Nikos Psychogios, *Neuroradiologist, Göttingen, Germany*
Boris Radeleff, *Interventional Radiologist, Hof, Germany*
Antonio Gaetano Rampoldi, *Interventional Radiologist, Milan, Italy*
Aljoscha Rastan, *Angiologist, Bad Krozingen, Germany*
Mahmood Razavi, *Interventional Radiologist, Orange, United States*
Jim A. Reekers, *Interventional Radiologist, Amsterdam, Netherlands*
Michel Reijnen, *Vascular Surgeon, Arnhem, Netherlands*
Bernhard Reimers, *Cardiologist, Milan, Italy*
Olaf Richter, *Vascular Surgeon, Leipzig, Germany*
Maria Antonella Ruffino, *Interventional Radiologist, Turin, Italy*
Ravish Sachar, *Interventional Cardiologist, Raleigh, United States*
Oliver Schlager, *Angiologist, Vienna, Austria*
Michiel Schreve, *Vascular Surgeon, Beverwijk, Netherlands*
Johannes Schuster, *Angiologist, Leipzig, Germany*
Tim Sebastian, *Angiologist, Zürich, Switzerland*
Sven Seifert, *Vascular Surgeon, Chemnitz, Germany*
Robert Shahverdyan, *Vascular Surgeon, Hamburg, Germany*
Nicolas Shammass, *Interventional Cardiologist, Davenport, United States*
Chang Shu, *Vascular Surgeon, Beijing, China*
Horst Sievert, *Cardiologist, Frankfurt, Germany*
Sebastian Sixt, *Cardiologist, Angiologist, Biel, Switzerland*
Jonathan Sobocinski, *Vascular Surgeon, Lille, France*
Yoshimitsu Soga, *Interventional Cardiologist, Kokura, Japan*
Eugenio Stabile, *Cardiologist, Napoli, Italy*
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*
John Swinnen, *Vascular Surgeon, Westmead, Australia*
Aly Talen, *Clinical Researcher, Antwerp, Belgium*
Gunnar Tepe, *Interventional Radiologist, Rosenheim, Germany*
Jörg Teßarek, *Vascular Surgeon, Lingen, Germany*
Marcus Thieme, *Angiologist, Sonneberg, Germany*
Shannon Thomas, *Vascular and Endovascular Surgeon, Randwick, Australia*
Ignace Tielliu, *Vascular Surgeon, Groningen, Netherlands*
Giovanni Federico Torsello, *Interventional Radiologist, Berlin, Germany*
Roberto Traversari, *Researcher Consultant, Apeldoorn, Netherlands*
Scott Trerotola, *Interventional Radiologist, Philadelphia, United States*
Santi Trimarchi, *Vascular Surgeon, San Donato Milanese, Italy*
Matthias Ulrich, *Angiologist, Leipzig, Germany*
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*
Carlos Vaquero-Puerta, *Vascular Surgeon, Valladolid, Spain*
Frank Veith, *Vascular Surgeon, Bronx, New York, United States*
Eric Verhoeven, *Vascular Surgeon, Nuremberg, Germany*
Frank Vermassen, *Vascular Surgeon, Gent, Belgium*
Fabio Verzini, *Vascular Surgeon, Perugia, Italy*
Vincent Vidal, *Interventional Radiologist, Marseille, France*

Heiko Wendorff, Vascular and Endovascular Surgeon, *Munich, Germany*
Martin Werner, Angiologist, *Vienna, Austria*
Philipp Wiggermann, Radiologist, *Braunschweig, Germany*
Christian Wissgott, Interventional Radiologist, *Heide, Germany*
Tim Wittig, Angiologist, *Leipzig, Germany*
Walter Wohlgemuth, Interventional Radiologist, *Halle, Germany*
Hany Zayed, Vascular Surgeon, *London, United Kingdom*
Clark Zeebregts, Vascular Surgeon, *Groningen, Netherlands*



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Mohammad Ansari, Interventional Cardiologist, *Lubbock, United States*
Lee Chang Hoon, Interventional Cardiologist, *Seoul, Republic of Korea*
George Chrysant, Interventional Cardiologist, *Oklahoma City, United States*
Yutaka Dannoura, Cardiologist, *Sapporo, Japan*
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Amit Dwivedi, Vascular Surgeon, *Prospect, United States*
Peter Farrugia, Cardiologist, *Colts Neck, United States*
Aloke Finn, Interventional Cardiologist, *Gaithersburg, United States*
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Naoki Fujimura, Vascular Surgeon, *Tokyo, Japan*
Karan Garg, Vascular Surgeon, *New York, United States*
Robbie George, Vascular Surgeon, *Bangalore, India*
Mark Goldberg, Vascular Surgeon, *Beachwood, United States*
Dong Erk Goo, Interventional Radiologist, *Seoul, Republic of Korea*
Naoki Hayakawa, Interventional Cardiologist, *Asahi, Japan*
Robert Heidepriem, Vascular Surgeon, *Birmingham Alabama, United States*
Yang Jiao, Vascular Surgeon, *Beijing, China*
Jin-Hyun Joh, Vascular Surgeon, *Seoul, Republic of Korea*
Zaza Alexandrovich Kavteladze, Interventional Cardiologist, *Moscow, Russian Federation*
Jang Yong Kim, Vascular Surgeon, *Seoul, Republic of Korea*

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Chang-Won Kim, Interventional Radiologist, *Busan, Republic of Korea*
Jinoo Kim, Interventional Radiologist, *Suwon City, Republic of Korea*
Sangmin Kim, Cardiologist, *Cheongju-si, Republic of Korea*
Dirk Le Roux, Vascular Surgeon, *Sandton, South Africa*
Taeseung Lee, Vascular Surgeon, *Seonam-si, Republic of Korea*
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Kumar Madassery, Interventional Radiologist, *Glenview, United States*
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Erin Moore, Vascular Surgeon, *Jacksonville, United States*
Zola N'Dandu, Interventional Cardiologist, *New Orleans, United States*
Brandon Olivieri, Interventional Radiologist, *Miami, United States*
Giuseppe Papia, Vascular Surgeon, *Toronto, Canada*
Sang Woo Park, Interventional Radiologist, *Seoul, Republic of Korea*
Inkyong Parrack, Vascular Surgeon, *Sarasota, United States*
Virendra Patel, Vascular Surgeon, *New York, United States*
John Phillips, Interventional Cardiologist, *Columbus, United States*
Vikram Puttaswamy, Vascular Surgeon, *Sydney, Australia*
Johnathon Rollo, Vascular Surgeon, *Seattle, United States*
Ricardo Ruz, Vascular Surgeon, *Blainville, United States*
Ammar Safar, Interventional Cardiologist, *Dayton, United States*
Luis Ricardo Sanchez Escalante, Vascular Surgeon, *Monterrey, Mexico*
Saadat Shariff, Vascular Surgeon, *New York, United States*
Tsuyoshi Shibata, Vascular Surgeon, *Hakodate, Japan*
Michael Silva, Vascular Surgeon, *Texas, Galveston, United States*
Suk-Won Song, Cardiovascular Surgeon, *Seoul, Republic of Korea*
Myung Gyu Song, Interventional Radiologist, *Seoul, Republic of Korea*
Samuel N. Steerman, Vascular Surgeon, *Virginia Beach, United States*
Jordan Stern, Vascular Surgeon, *Palo Alto, United States*
Makoto Sugihara, Interventional Cardiologist, *Fukuoka, Japan*
Hideyuki Takimura, Interventional Cardiologist, *Tokyo, Japan*
Michinao Tan, Cardiologist, *Sapporo, Japan*
Yoshinori Tsubakimoto, Interventional Cardiologist, *Kyoto, Japan*
Takuma Tsuda, Interventional Cardiologist, *Nagoya, Japan*
Andrew Unzeitig, Vascular Surgeon, *Atlanta, United States*
Sergej Volkov, Vascular Surgeon, *Moscow, Russian Federation*
Jinsong Wang, Vascular Surgeon, *Guangzhou, China*
Jong Yun Won, Interventional Radiologist, *Seoul, Republic of Korea*
Mathew Wooster, Vascular Surgeon, *Charleston, United States*
Dongming Zhang, Vascular Surgeon, *Dalian, China*

- 08:00 – 09:30** **Symposium: Keep on walking: Steps towards successful PAD treatment**
supported with an educational grant from Abbott Vascular
Moderator: D. Scheinert
Panel: T. Zeller, J. Sobocinski, K. Deloose, T. Teßarek, S. Thomas
- 08:00 – 08:07 Step by step SFA/pop treatment algorithm *T. Zeller*
- 08:07 – 08:14 Step by step selection algorithm and clinical decision making through OCT technology *J. Sobocinski*
- 08:14 – 08:45 ■ *Live case transmission from Leipzig*
- 08:45 – 08:52 Supera CFA VMI 1-year follow-up results *K. Deloose*
- 08:52 – 08:59 Supera in AVF management and 1-year outcomes *S. Thomas*
- 08:59 – 09:06 Supera in popliteal aneurysm, proof of concept, and clinical outcomes *J. Teßarek*
- 09:06 – 09:30 ■ *Live case transmission from Leipzig*



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| 09:30 – 11:00 | <p>Symposium: See clearly, treat optimally: image guided therapy on the rise supported with an educational grant from Philips</p> <p><i>Moderators: D. Scheinert, F. Moll</i></p> <p><i>Panel: C. Peña, J. Reekers, F. Fanelli, M. Izamis</i></p> |
| 09:30 – 09:35 | Introduction and learning objectives <i>D. Scheinert</i> |
| 09:35 – 09:49 | Next generation pan-vascular suite: optimizing patient management and outcomes <i>C. Peña</i> |
| 09:49 – 09:57 | Perfusion angiography for optimizing planning and treatment of the diabetic foot <i>J. Reekers</i> |
| 09:57 – 10:17 | ■ <i>BTK recorded case presentation</i> <i>M. Manzi</i> |
| 10:17 – 10:25 | Role of IVUS within a “treat optimally” algorithm of care <i>F. Fanelli</i> |
| 10:25 – 10:35 | Innovations at the forefront: a glance at the future of image guided therapy <i>M. Izamis</i> |
| 10:35 – 10:55 | ■ <i>Live case transmission from Leipzig</i> |
| 10:55 – 11:00 | Q&A and conclusion |
| 11:00 – 12:15 | <p>Long-term safety of drug-eluting technologies in the leg – Recent findings, controversies, and future outlook</p> <p><i>Moderators: D. Scheinert, J. Laird</i></p> <p><i>Panel: K. Katsanos, P. Schneider, M. Dake, T. Zeller, W. Gray, S. Lyden</i></p> |
| 11:00 – 11:10 | Risk of death following application of Paclitaxel-coated balloons and stents in the femoropopliteal artery – Findings from a metaanalysis of RCTs <i>K. Katsanos</i> |
| 11:10 – 11:16 | A look into the methods: merits and limits of meta-analysis <i>T. Hanson</i> |
| 11:16 – 11:22 | Toxicological aspects and safety profile of Paclitaxel <i>J. Granada</i> |
| 11:22 – 11:28 | Event adjudication in clinical trials: how does it work? <i>M. van Sambeek</i> |
| | Patient level data from major clinical trial programmes with drug-eluting devices |
| 11:28 – 11:33 | DCBs over the long-term: Are they safe for our PAD patients? Insights from the IN.PACT™ DCB programme <i>P. Schneider</i> |
| 11:33 – 11:38 | Long-term safety data of the Lutonix DCB formulation <i>D. Scheinert</i> |
| 11:38 – 11:43 | Long-term safety data from the Stellarex DCB programme <i>S. Lyden</i> |
| 11:43 – 11:48 | Long-term safety information on Paclitaxel eluting stents – Insights from the Zilver PTX programme <i>M. Dake</i> |
| 11:48 – 11:53 | Patient safety in the Eluvia-DES and Ranger DCB programme <i>W. Gray</i> |
| 11:53 – 12:00 | How to proceed to generate more evidence on patient safety with drug-eluting devices? <i>P. Schneider</i> |
| 12:00 – 12:15 | Podium discussion |

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| 12:15 – 13:30 | <p>“To stent or not to stent?” – Latest data on stentless and stent-based treatment approaches for femoropopliteal lesions</p> <p><i>Moderators: D. Scheinert, W. Gray</i></p> <p><i>Panel: O. Iida, G. Tepe, H. Yokoi</i></p> <p>Focus on new data on drug-coated balloons</p> |
| 12:15 – 12:20 | <p>First time data release:</p> <p>Randomized trial of DCB vs. PTA: Final 3-year clinical outcomes from IN.PACT™ Japan <i>O. Iida</i></p> |
| 12:20 – 12:25 | <p>First time data release:</p> <p>Insights from the IN.PACT™ global study 3-year data: Does lesion complexity affect results? <i>J. van den Berg</i></p> |
| 12:25 – 12:30 | <p>First time data release:</p> <p>Global diabetic analyses of all Lutonix DCB SFA combined trials <i>K. Deloose</i></p> |
| 12:30 – 12:35 | <p>First time data release:</p> <p>COMPARE-Pilot RCT: 2-year results of a randomized comparison of RANGER DCB vs. IN.PACT DCB in complex SFA lesions <i>D. Scheinert</i></p> |
| 12:35 – 12:40 | <p>First time data release:</p> <p>IN.PACT™ Global study 3-year outcomes for stented vs. non-stented lesions <i>T. Zeller</i></p> |
| 12:40 – 12:45 | <p>First time data release:</p> <p>Real-world experience with a paclitaxel-coated balloon for the treatment of atherosclerotic infrainguinal arteries: 24-month results of the BIOLUX P-III full cohort <i>G. Tepe</i></p> |
| 12:45 – 12:50 | <p>DCB in severe Calcium: Core-laboratory analysis and perspectives from the ILLUMENATE trial series <i>S. Lyden</i></p> |
| 12:50 – 12:55 | <p>Stellarex in real world: Interim look from the SAVER registry <i>F. Vermassen</i></p> <p>Focus on new data on drug-eluting stents and DCB/ implant combinations</p> |
| 12:55 – 13:00 | <p>First time data release:</p> <p>Final 12-month results of the Zilverpass-RCT of Zilver PTX vs. bypass <i>M. Bosiers</i></p> |
| 13:00 – 13:05 | <p>TOBA II Trial (Lutonix or POBA + Tack) – 1-year results <i>W. Gray</i></p> |
| 13:05 – 13:10 | <p>First time data release:</p> <p>Diabetic patients treated in the IMPERIAL randomized trial comparing Eluvia and Zilver PTX stents <i>S. Müller-Hülsbeck</i></p> |
| 13:10 – 13:15 | <p>First time data release:</p> <p>Japanese patients treated in the IMPERIAL randomized trial comparing Eluvia and Zilver PTX stents <i>O. Iida</i></p> |
| 13:15 – 13:20 | <p>First time data release:</p> <p>Zilver PTX Japan 5-year results for paclitaxel-eluting stent treatment of femoropopliteal artery disease <i>H. Yokoi</i></p> |
| 13:20 – 13:25 | <p>The Illumina FIH study with a next generation DES – 12-month results <i>D. Scheinert</i></p> |
| 13:25 – 13:30 | <p>Discussion and conclusion</p> |

- 13:30 – 15:00** **Symposium: Strategies and innovative solutions for success in complex peripheral arterial disease**
sponsored by Medtronic
Moderator: D. Scheinert
Panel: J. Laird, T. Bisdas, K. Stavroulakis, J. van den Berg
- 13:30 – 13:38 Endovascular lessons learned in the last decade: what are the remaining challenges? *T. Bisdas*
- 13:38 – 14:02 ■ *Live case transmission from Leipzig*
- 14:02 – 14:10 Long lesions: primary stenting or DCB first? *J. Laird*
- 14:10 – 14:18 Calcium: The Achilles heel of endovascular?
Scaffold or remove before drug delivery? *K. Stavroulakis*
- 14:18 – 14:42 ■ *Live case transmission from New York*
- 14:42 – 14:49 Dissections: prevent, minimize, or repair *J. van den Berg*
- 14:49 – 15:00 Discussion and conclusion
- 15:00 – 16:30** **Symposium: Virtues of VIRTUS: Exploring implications for clinical practice**
supported with an educational grant from Boston Scientific
Moderator: S. Black
Panel: M. Razavi, M. Lichtenberg, L. Izquierdo, L. Kabnick
- 15:00 – 15:05 Welcome and introduction *S. Black*
- 15:05 – 15:20 VIRTUS: Trial design and primary endpoint results *M. Razavi*
- 15:20 – 15:35 VICI VENOUS STENT: Design attributes & patient outcome *L. Kabnick*
- 15:35 – 15:40 Panel discussion and questions
- 15:40 – 15:50 Complexities of chronic venous disease *M. Lichtenberg*
- 15:50 – 16:00 Imaging, its central role in planning and guiding intervention *L. Izquierdo*
- 16:00 – 16:20 ■ *Live case transmission from Galway*
- 16:20 – 16:30 Panel discussion and questions
- 16:30 – 18:00** **Advanced solutions for complex femoral lesions and critical limb ischemia**
Moderators: J. Laird, M. Bosiers
Panel: J. van den Berg, Y. Gouëffic, L. Garcia, S. Müller-Hülsbeck, B. DeRubertis, T. Fuß
- 16:30 – 16:36 True minimally invasive access strategies for complex peripheral interventions
J. van den Berg
- 16:36 – 17:02 ■ *Live case transmission from Leipzig*
- 17:02 – 17:07 **First time data release:**
Can Legflow® improve treatment of long femoropopliteal lesions: the REFLOW outcomes *M. Bosiers*
- 17:07 – 17:12 **First time data release:**
Total IN.PACT™ 1-year results: Complex lesion outcomes from the IN.PACT™ study series *P. Schneider*
- 17:12 – 17:18 IN.PACT™ Admiral DCB: a look at long lesion outcomes across trials
A. Micari via satellite from Bergamo
- 17:18 – 17:24 From research to practice: how does atherectomy fit in my treatment algorithm
G. Korosoglou
- 17:24 – 17:50 ■ *Live case transmission from New York*
- 17:50 – 17:55 REALITY: Initial experience *R. Sachar*
- 17:55 – 18:00 Phoenix atherectomy: technique and real-world evidence *M. Montero-Baker*

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Main Arena 1

Program from arena 2
Audio Channel



Dr. Lacroix

Do the technique meticulously

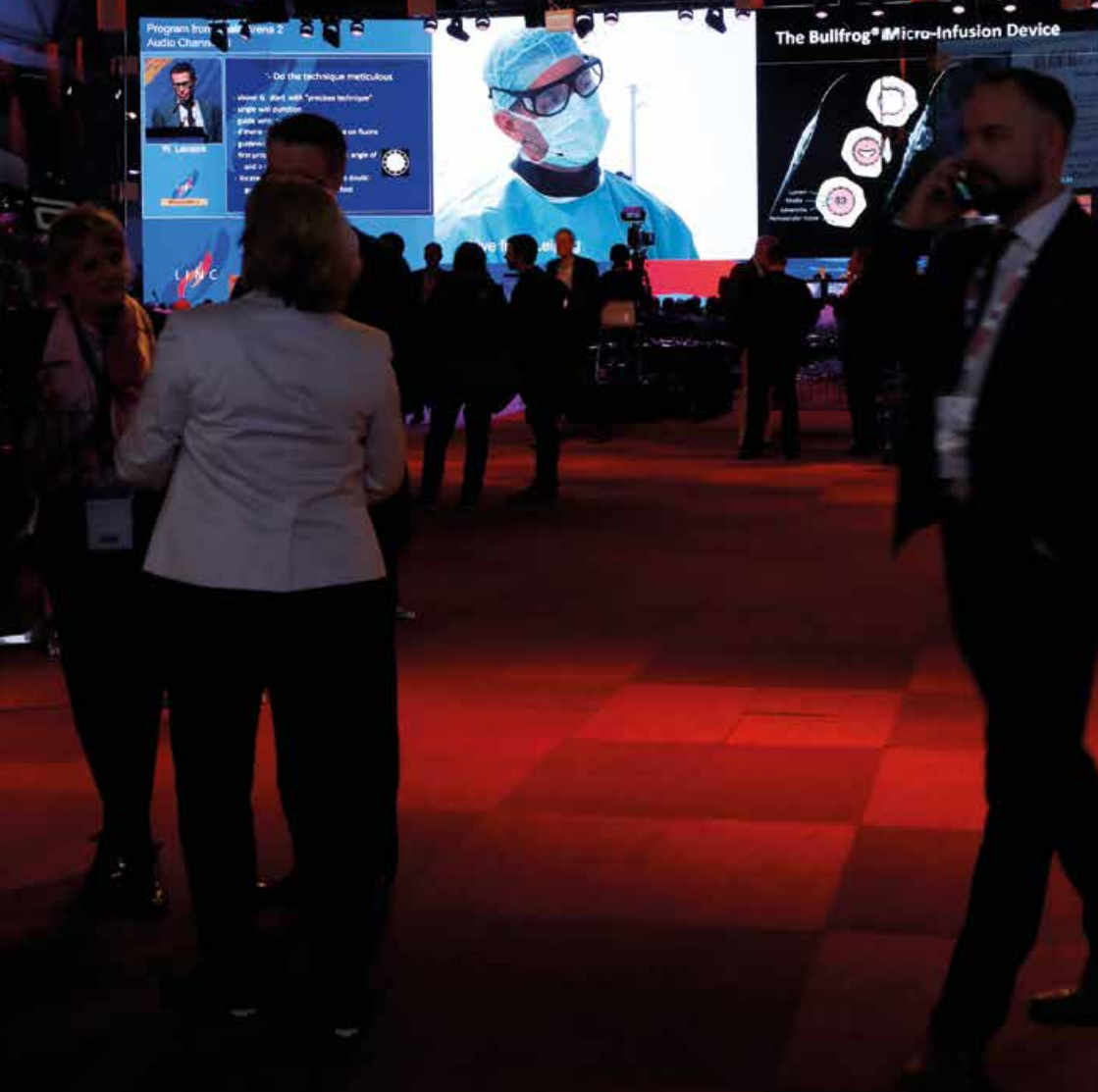
- Start with "stroke technique"
- single wall extension
- guide wire
- if there is a stenosis, use a guide wire
- advance the catheter
- advance the catheter
- advance the catheter



The Bullfrog® Micro-Infusion Device



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- 08:00 – 09:30 Acute deep vein thrombosis**
Moderators: R. de Graaf, M. Lichtenberg
Panel: S. Black, H. Jalaie, O. Hartung, T. Sebastian
- 08:00 – 08:10 Ascending femoropopliteal DVT without iliac vein involvement: any role for endovascular therapy *O. Hartung*
- 08:10 – 08:20 Ultrasound-assisted thrombolysis for acute DVT: effect of ultrasound waves and microbubbles on thrombus removal *R. Engelberger via satellite from Zurich*
- 08:20 – 08:30 The CAVA study, what can we expect? *H. Jalaie*
- 08:30 – 08:40 Evidence for endovascular therapy of iliofemoral DVT: CAVENT, ATTRACT, CAVA, uncontrolled studies *S. Black*
- 08:40 – 08:50 Anticoagulation therapy following endovascular therapy of iliofemoral DVT *T. Sebastian*
- 08:50 – 09:10 ■ *Live case transmission from Zurich*
- 09:10 – 09:30 ■ *Live case transmission from Galway*
- 09:30 – 11:00 Aorto iliac obstructive disease: Endoluminal solutions**
 partially supported with an educational grant from Gore & Associates
Moderators: M. Antonello, H. Krankenberg
Panel: K. Deloose, P. Mwipatayi, G. de Donato, S. Lyden, F. Vermassen
- 09:30 – 09:36 Complexity of iliac occlusive disease, current treatment algorithm, and treatment gaps *M. Antonello*
- 09:36 – 09:42 Crossing techniques for complex aortoiliac obstructions – Why is the bi-directional approach the best? *A. Schmidt*
- 09:42 – 09:48 Self-expanding vs. balloon-expandable stents for iliac artery disease: Is either superior? *H. Krankenberg*
- 09:48 – 10:15 ■ *Live case transmission from Leipzig*
- 10:15 – 10:20 The value of covered stents in treatment of complex TASC C and D iliac lesions: the initial experiences with the BELSTREAM study *K. Deloose*
- 10:20 – 10:25 **First time data release:**
 The BOLSTER study with the Lifestream covered stent in iliac lesions – 3-year outcomes *J. Laird*
- 10:25 – 10:35 ■ *Case discussion: Challenging bilateral iliac case treated with VBX H. Zayed*
- 10:35 – 10:45 ■ *Case discussion: Covered self-expandable endoprosthesis and dual component stent for iliac treatment R. Bellostta*
- 10:45 – 10:55 ■ *Case discussion: Aorto iliac case with covered balloon expandable stent G. de Donato*
- 10:55 – 11:00 Discussion and conclusion
- 11:00 – 12:30 Venous stent placement for post-thrombotic syndrome**
Moderators: H. Jalaie, S. Black
Panel: R. Lookstein, M. Razavi, R. Varcoe, O. Schlager
- 11:00 – 11:10 VENOVO® venous stent – 12-month update on the Vernacular trial *M. Dake*
- 11:10 – 11:25 ■ *Live case transmission from Zurich*
- 11:25 – 11:40 ■ *Live case transmission from Galway*
- 11:40 – 11:50 Update on performance of venous stents for PTS patients *M. Lichtenberg*
- 11:50 – 12:00 **First time data release:**
 VIRTUS trial: Pivotal cohort 12-month primary safety and efficacy results of the Vici venous stent system *M. Razavi*
- 12:00 – 12:10 IVUS and pressure gradients for PTS treatment: mandatory or fancy? *R. de Graaf*
- 12:10 – 12:20 ■ *Live case transmission from Zurich*
- 12:20 – 12:30 ■ *Live case transmission from Galway*



- 12:30 – 13:25** **Lunch symposium: Treating PAD in the SFA: “Challenge the status quo” – Revealing new evidence to provide the answers**
supported with an educational grant from COOK Medical
Moderator: M. Dake
Panel: M. Bosiers, I. Baumgartner, R. Beasley
- 12:30 – 12:33 Introduction *M. Dake*
- 12:33 – 12:43 Zilver PTX Global data analysis highlights DES benefits in challenging patient populations *M. Dake*
- 12:43 – 12:53 Tried and True: Evaluating the momentary hype *R. Beasley*
- 12:53 – 13:03 Follow the data: Your 2019 treatment algorithm *I. Baumgartner*
- 13:03 – 13:13 Zilver PTX vs. Bypass: One year results: ZILVERPASS *M. Bosiers*
- 13:13 – 13:25 Summary of symposium, discussion, and debate *M. Dake*
- 13:30 – 15:00** **New concepts for AV-shunt revascularisation and central vein stenoses**
Moderators: R. Lookstein, R. Varcoe
Panel: J. Lučev, R. Jones, S. Trerotola, P. Kitrou, K. Katsanos
- 13:30 – 13:36 Endovascular treatment of haemodialysis arteriovenous fistula *J. Lučev*
- 13:36 – 13:41 COVERA™ – 6-month update on AVeNEW trial design for outflow stenosis in AV fistula circuits *B. Dolmatch*
- 13:41 – 13:47 Effectiveness of stent-grafts for the treatment of central venous disease in haemodialysis patients with functioning arteriovenous (AV) fistulas *R. Jones*
- 13:47 – 14:07 ■ *Live case transmission from Galway*
- 14:07 – 14:12 **First time data release:**
IN.PACT™ AV access drug-coated balloon study: Full baseline characteristics
R. Lookstein
- 14:12 – 14:17 **First time data release:**
24-month results from LUTONIX AV randomized IDE trial *S. Trerotola*
- 14:17 – 14:22 **First time data release:**
Final 6-month results from the LUTONIX® Global AV registry *P. Kitrou*
- 14:22 – 14:30 ■ *Presentation of recorded cases* *P. Kitrou*
- 14:30 – 14:36 Singapore & Taiwan experience with the Lutonix DCB in the AV registry *T. Chong*
- 14:36 – 14:41 **First time data release:**
4Fr WavelinQ EndoAVF system latest 6-month clinical outcomes *R. Jones*
- 14:41 – 14:51 ■ *Recorded case presentation* *S. Trerotola*
- 14:51 – 15:00 Discussion and conclusion
- 15:00 – 16:30** **Symposium: Dual layer micromesh – taking the latest technology to the next level**
supported with an educational grant from Terumo
Moderator: G. Torsello
Panel: S. Müller-Hülsbeck, P. Montorsi, T. Fuß
- 15:00 – 15:10 How the Roadsaver stent changed my practice in CAS *S. Müller-Hülsbeck*
- 15:10 – 15:20 The impact of stent design and embolic protection on safety of CAS interventions *P. Montorsi*
- 15:20 – 15:45 ■ *Live case transmission from Bergamo*
- 15:45 – 15:55 My journey with Roadsaver through the last four years *P. Odrowaz-Pieniasek*
- 15:55 – 16:05 Latest experience with dual layer stents in the lower limbs *T. Fuß*
- 16:05 – 16:30 ■ *Live case transmission from Berlin*

16:30 – 18:00

Scrub-in with the experts:

Endovascular therapy of chronic deep vein obstructions

■ with Nils Kucher live from Zurich

■ with Gerard O'Sullivan live from Galway

Moderator: *S. Black*

Panel: *M. Dake, M. Razavi, K. Mathias, T. Sebastian, H. Jalaie*

Flash presentations:

Endovascular techniques for difficult deep vein obstructions *S. Black*

Endophlebectomy plus stent vs. stent reconstruction alone
for PTS patients with poor inflow vessels *H. Jalaie*

Antithrombotic therapy following stent reconstruction for PTS:
real world practice and the planned ARIVA trial *T. Sebastian*





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G. Biamino
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| 09:00 – 11:30 | <p>Management of carotid artery disease: Remaining controversies, latest technologies, and challenges ahead</p> <p><i>Moderators: H. Sievert, A. Halliday</i> <i>Panel: M. Storck, G. Biamino, F. Veith</i></p> |
| 09:00 – 09:06 | Assessment of carotid plaque morphology using photoacoustic imaging <i>M. van Sambeek</i> |
| 09:06 – 09:12 | <p>LINC status update: Management of asymptomatic stenoses</p> <p>Medical therapy is usually sufficient for asymptomatic carotid stenosis. What are the exceptions? <i>J. Pelz</i></p> |
| 09:12 – 09:18 | <p>LINC status update: Management of asymptomatic stenoses</p> <p>Carotid repair is best for asymptomatic carotid stenosis because medical management alone does not work <i>P. Schneider</i></p> |
| 09:18 – 09:23 | Status update on the ongoing trials looking at asymptomatic carotid stenoses <i>A. Halliday</i> |
| 09:23 – 09:26 | Audience vote |
| 09:26 – 09:51 | ■ <i>Live case transmission from Berlin</i> |
| 09:51 – 09:57 | Carotid interventions – is there a gender difference in outcome? <i>M. Storck</i> |
| 09:57 – 10:03 | 40 years of carotid angioplasty – A glance back <i>K. Mathias</i> |
| 10:03 – 10:15 | <p>LINC status update:</p> <p>Is carotid stenting largely equivalent to carotid endarterectomy for the majority of patients with significant carotid disease and indication for revascularisation? What are the open questions? <i>W. Gray, F. Veith</i></p> |
| 10:15 – 10:21 | 1-year results of the SCAFFOLD study: GORE PTFE mesh-covered carotid stent <i>P. Schneider</i> |
| 10:21 – 10:27 | Parameters affecting the risk of embolization during carotid stenting <i>P. Huppert</i> |
| 10:27 – 10:33 | Initial clinical study of the new CGuard™ MicroNet®covered carotid-stent: One size fits all – experimental data and clinical results <i>C. Wissgott</i> |
| 10:33 – 10:39 | Dual layer stents for CAS: all you need to know to avoid acute re-occlusion <i>S. Müller-Hülsbeck</i> |
| 10:39 – 10:45 | Proximal protection during CAS: Why is it the superior concept? <i>G. Biamino</i> |
| 10:45 – 10:51 | TECAR with proximal flow reversal in symptomatic patients is superior to carotid endarterectomy no matter what kind of stent is used – results of a prospective study which includes DWMRI analysis <i>R. Kolvenbach</i> |
| 10:51 – 10:57 | Avoiding and managing complications during CAS – lessons learned <i>H. Sievert</i> |
| 10:57 – 11:22 | ■ <i>Live case transmission from Bergamo</i> |
| 11:22 – 11:30 | Audience vote |
| 11:30 – 12:30 | <p>Focus session: Advances in stroke management</p> <p><i>Moderators: F. Dorn, H. Henkes</i> <i>Panel: S. Duda, M. Psychogios</i></p> |
| 11:30 – 11:40 | The art of thrombectomy <i>H. Henkes</i> |
| 11:40 – 11:50 | Stroke treatment: New data <i>F. Dorn</i> |
| 11:50 – 12:00 | Time management in endovascular stroke treatment <i>M. Psychogios</i> |
| 12:00 – 12:10 | Credentialing approaches for interventional stroke management <i>S. Duda</i> |
| 12:10 – 12:30 | Discussion and conclusion |



12:35 – 13:20

Lunch symposium: Why do we need proven balloon expandable covered stents for long term performance?

supported with an educational grant from Getinge

Moderator: E. Ducasse

Panel: E. Verhoeven, G. Torsello

12:35 – 12:45

The 15-year evolution of covered stent: Choosing the best stent for iliac artery disease. Is COBEST a strong evidence for V12 as choice of covered stent?

P. Mwiapatayi

12:45 – 12:55

Reliable performance of Advanta V12 in complex aortic cases as a renal stent

E. Verhoeven

12:55 – 13:05

Long-term Münster experience with Advanta V12 and latest in-vitro evidence

G. Torsello

13:05 – 13:20

Discussion and conclusion

13:30 – 15:00

Scrub-in with the experts:

Innovative approaches for complex femoropopliteal lesions

partially supported with an educational grant from B. Braun Melsungen

■ *with Ralf Langhoff live from Berlin*

■ *with Sven Bräunlich live from Leipzig*

Moderators: M. Palena, B. DeRubertis

Panel: K. Amendt, M. Lichtenberg, C. Metzger

Flash presentations:

Treatment algorithm for a “leaving as little as possible behind” strategy in femoro-popliteal lesions *T. Zeller*

Dissecting the TOBA data: What does it mean in practice *P. Schneider*

Indications for spot stenting – where to place spot stents?

■ *Case discussion: Major dissection treated with DCB and spot stents*

M. Lichtenberg

■ *Case discussion: Calcified long femoro-popliteal lesions treated with DCB and spot stents* *E. Blessing*

Long-segment stenting with woven nitinol stents: the new endoluminal bypass managing *B. DeRubertis*

15:00 – 16:30

Scrub in with the experts: Challenging aortoiliac interventions

■ *with Andrej Schmidt live from Leipzig*

■ *with Prakash Krishnan live from New York*

Moderators: L. Garcia, M. Reijnen

Panel: P. Mwiapatayi, S. Nikol, H. Krankenberg

Flash presentations:

A series of BeGraft implantations in isolated aortic stenoses: a women’s issue? *S. Nikol*

Acute and follow-up results of complete aortoiliac obstructions (Leriche syndrome) – The Leipzig experience *M. Luther*

Global CERAB study: where are we standing? *M. Reijnen*

Covered stents as a lifesaver for the patient and me in my most bizarre cases *M. A. Ruffino*

16:30 – 18:00

Scrub-in with the experts:

Supraaortic and brachial interventions

■ with Fausto Castriota and Antonio Micari live from Bergamo

■ with Andrej Schmidt live from Leipzig

Moderators: W. Gray, H. Sievert

Panel: S. Lyden, B. Reimers, S. Bartus

Flash presentations:

Use of OCT and IVUS during CAS B. Reimers

Comparison of Intravascular Ultrasound (IVUS) virtual histology during carotid artery stenting and lack of correlation with plaque embolization as measured by either clinical findings or the captured plaque observed on direct or flow-reversal filter I. Parrack

Covered stents in the management of carotid artery erosion from head and neck cancers M. Silva



12:30 – 13:25

How guidewire technology can influence procedural outcome in different approaches

supported with an educational grant from Asahi Intecc

*Moderator: J. van den Berg*Different guidewire construction *J. van den Berg*SFA lesions guidewire selection *K. DeLoose*POP-BTK lesions guidewire selection *R. Ferraresi*POP-BTK lesions guidewire selection *D. Périard*

Table discussion & closing remarks from moderator

14:00 – 15:00

Symposium: Are DCBs an effective treatment for SFA and BTK lesions?

supported with an educational grant from iVascular

Moderator: K. DeLoose

Best DCB outcomes in SFA TASC A&B lesions –

EFFPAC-RCT 12-month follow-up *U. Teichgräber*DCB in SFA complex lesions. 1+1=3 – TINTIN trial first outcomes *K. DeLoose*State of the art of BTK vessel treatment *S. Sixt*

DCB is also a real option for BTK arteries – BIBLIOS presentation

W. Lansink

| | |
|---------------|---|
| 10:30 – 12:00 | <p>CLI-Therapies-LINced Multidisciplinary case studies from centres of excellence Tailored strategies on revascularisation and wound management <i>Moderator: S. Kum</i> <i>Panel: Y. Gouëffic, Y. Soga, M. Manzi, R. Ferraresi</i></p> <p>Managing the infected wound ■ <i>Case presentation: How do I combine wound care with revascularisation?</i> <i>R. Ferraresi</i></p> <p>10:30 – 10:42 ■ <i>Case presentation: Why I chose multi vessel revascularisation</i> Y. Soga</p> <p>10:42 – 10:45 Questions and answers</p> <p>10:45 – 10:57 ■ <i>Case presentation: The use of DES in CLI</i> Y. Gouëffic</p> <p>10:57 – 11:00 Questions and answers</p> <p>11:00 – 11:12 ■ <i>Case presentation: Revascularisation and wound care under a nerve block – How to do it</i> S. Kum</p> <p>11:12 – 11:15 Questions and answers</p> <p>11:15 – 11:27 ■ <i>Case presentation: LimFlow procedure for no-option CLI</i> M. Schreve</p> <p>11:27 – 11:30 Questions and answers</p> <p>11:30 – 11:42 Questions and answers</p> <p>11:42 – 11:45 Panel round-up</p> <p>11:45 – 12:00</p> |
| 13:30 – 15:30 | <p>Latest advancements in diabetic patients: May drug elution technologies improve clinical outcome? partially supported with an educational grant from Alvimedica <i>Moderators: R. Ferraresi, K. Mühlberg</i> <i>Panel: M. Manzi, G. Biamino, M. Edmonds, E. Ducasse</i></p> <p>13:30 – 14:00 ■ <i>Live case transmission from Bergamo</i></p> <p>14:00 – 14:06 The distribution and management of peripheral arterial disease (PAD) in the diabetic patient with neuropathic (Charcot) arthropathy: a new paradigm of critical limb ischaemia in diabetes M. Edmonds</p> <p>14:06 – 14:12 Ischemia/infection/amputation: When, what, and how to intervene R. Ferraresi</p> <p>14:12 – 14:18 Critical Limb Ischemia: time is crucial! F. Vermassen</p> <p>14:18 – 14:24 Endovascular intervention vs. open surgery: Pro/cons and boundaries E. Ducasse</p> <p>FOCUS ON SFA Current developments in drug eluting technologies for complex SFA treatment <i>S. Müller-Hülsbeck</i></p> <p>14:24 – 14:30 When should we use DCBs? Why? G. Tepe</p> <p>14:30 – 14:36 When should we use DESs? Why? A. Kahlberg</p> <p>FOCUS ON BTK Which revascularisation strategy for BTK disease in DM patients? Wound-related or total treatment? S. Kum</p> <p>14:36 – 14:42 When should we use DCBs? Why? F. Liistro</p> <p>14:42 – 14:48 When should we use DESs? Why? M. Manzi</p> <p>14:48 – 14:54 ■ <i>Live case transmission from Berlin</i></p> <p>14:54 – 15:00</p> <p>15:00 – 15:30</p> |

15:30 – 17:00

**CCT@LINC: Advanced endovascular therapy in Japan –
Pre-recorded live cases**



Moderators: G. Biamino, K. Urasawa

Panel: M. Tan, T. Nakama, H. Ando

15:30 – 15:45

Video live and lecture: EVT for SFA in-stent reocclusion *M. Tan*

15:45 – 16:00

Video live and lecture: Aggressive below-the-ankle revascularisation
T. Nakama

16:00 – 16:15

Video live and lecture: Techniques for severely calcified lesions *H. Ando*

16:15 – 16:30

Video live and lecture: Optimization of POBA for DCB *K. Urasawa*

16:30 – 17:00

Discussion and conclusion



- 12:30 – 13:30 **Update on clinical trials and new data – PVD/BTK/CLI**
Moderator: J. Mustapha
Panel: M. Menard, M. Montero-Baker
- 12:30 – 12:35 Magnesium resorbable drug-eluting scaffold (Magmaris) for below the knee recanalisation: 12-month follow-up analysis *D. Périard*
- 12:35 – 12:40 Clinical effectiveness of the absorb bioresorbable vascular scaffold in patients with complex infrapopliteal arterial disease *A. Shah*
- 12:40 – 12:45 24-month outcomes of patients presenting with critical limb ischemia within the BIOLUX P-III registry – a real-world clinical trial treating atherosclerotic arteries with a paclitaxel covered balloon *M. Brodmann*
- 12:45 – 12:50 Angioplasty and stenting vs. bypass graft surgery for the treatment of simultaneous femoropopliteal and infrapopliteal complex (TASC C or D) arterial disease in patients with critical limb ischemia *I. Casella*
- 12:50 – 12:55 Impact of endovascular pedal arch reconstruction on wound healing in patients with critical limb ischemia *Y.-G. Ko*
- 12:55 – 13:30 Discussion

- 13:30 – 15:00** **Update on clinical trials and new data – PVD/SFA**
Moderator: I. Baumgartner
Panel: W. Gray
- 13:30 – 13:35 Peripheral CTO crossing with the SoundBite™ active wire *M. Brodmann*
- 13:35 – 13:40 Safety and feasibility of intravascular lithotripsy for treatment of common femoral artery stenoses *M. Brodmann*
- 13:40 – 13:45 EffPac-Trial: Effectiveness of LUMINOR® DCB vs. POBA in the SFA: primary endpoint and 12-month results *U. Teichgräber*
- 13:45 – 13:50 Diabetic patients in a real-world clinical trial treated for peripheral arterial disease with a paclitaxel covered balloon. 24-month results of the BIOLUX P-III All Comers registry *J. B. Dahm*
- 13:50 – 13:55 BEnefit of arterial preparation by LONGitudinal scoring before paclitaxel eluting balloon angioplasty of the superficial femoral and popliteal artery (The BELONG study): recruitment status and early results *D. Périard*
- 13:55 – 14:00 Subgroup analyses of the CONSEQUENT randomized controlled trial investigating the clinical benefits of paclitaxel-resveratrol coated balloon angioplasty *T. Albrecht*
- 14:00 – 14:05 Outcome of DEB and PTA post stenting in occluded vs. stenotic lesions – subgroup analysis of the randomized Freeway Stent study *S. Müller-Hülsbeck*
- 14:05 – 14:10 Novel laser-based atherectomy catheter. Results from the Eximo Medical B-Laser™ IDE study *M. Brodmann*
- 14:10 – 14:15 24-month outcomes in the EVOLUTION study: Investigating the iVolution stent in femoropopliteal lesions *M. Bosiers*
- 14:15 – 14:20 Bi-directional, self-expanding stent for superficial femoral artery lesions – 2-year interim-results from the Q3 registry *H. Krankenberg*
- 14:20 – 14:25 A real world comparison of interwoven nitinol (Supera®) with drug-eluting stent (Zilver® PTX®) in patients with symptomatic femoro-popliteal stenosis *A. Haine*
- 14:25 – 14:30 2-years results of a pilot prospective randomized study of the effect of dissection of the lamina vastoadductoria after stenting of the superficial femoral artery on the incidence of restenosis and stent fractures in TASC-II D lesions of the femoropopliteal arterial segment *A. Rabtsun*
- 14:30 – 14:35 Results from the ENTRAP study: Lower extremity intervention using the Vanguard® IEP peripheral balloon angioplasty system with integrated embolic protection *T. Zeller*
- 14:35 – 14:40 Two year mortality post DEB and plain balloon angioplasty: pooled primary data analysis of 4 RCTs *T. Albrecht*
- 14:40 – 15:00 Discussion

- 15:00 – 16:30 Update on clinical trials and new data – PVD/carotid/venous/AV access/EVAR**
Moderator: S. Duda
Panel: J.-P. de Vries, P. Huppert
- 15:00 – 15:05 PrOspective multiCentrE study of cArotid artery steNting using MER stent–
the OCEANUS study – 30 days and one year follow-up *P. Odrowaz-Pieniasek*
- 15:05 – 15:10 PARADIGM-EXTEND prospective academic trial of CGuard™ MicroNET-covered
self-expandable stent system: Cumulative 3-year clinical and duplex ultrasound
evidence for safety, efficacy, and durability of stroke prevention *P. Musialek*
- 15:10 – 15:15 Double layer micromesh stents vs. closed cell stents for the endovascular treatment
of carotid stenosis in the current era *P. Righini*
- 15:15 – 15:20 Intermediate results of a prospective randomized study in carotid artery
revascularisation: the Acculink™ stent vs. the mesh covered stent (CGuard™)
P. Ignatenko
- 15:20 – 15:25 Ad interim results from a prospective real-world multicentre clinical practice
of CAS using the CGuard™ embolic prevention system: the IRONGUARD 2 study
W. Mansour
- 15:25 – 15:30 Significant contrast dose-reduction with digital variance angiography
in carotid and cerebral X-ray angiography *V. I. Óriás*
- 15:30 – 15:35 Comparative analysis of carotid artery stenting and carotid endarterectomy
in clinical practice *A. Karpenko*
- 15:35 – 15:40 Clinical evaluation on therapeutic efficacy of Angiojet Rheolytic thrombectomy
in patients with acute pulmonary embolism *S. Zhai*
- 15:40 – 15:45 Significant reduction in radiation using the 4 French instead of 6 French WavelinQ
endoAVF system in creating endovascular AV-fistulas *T. Steinke*
- 15:45 – 15:50 Fully absorbable patch based large hole vascular closure device *D. Branzan*
- 15:50 – 15:55 2-year outcomes of EVAS and Ch-EVAS in abdominal aortic aneurysms based on
calculated neck length: a single-center study *P. Berg*
- 15:55 – 16:00 Interim results from the PERFORMANCE I study – CAS using a 3-in-1 carotid artery
stent system with an integrated embolic protection filter and post-dilation balloon
H. Sievert
- 16:00 – 16:30 Discussion

Atherectomy System (from Scientific)

| Model | Max. Working Length | Max. Catheter Diameter | Q-Flow | Max. Backflow |
|---------------------------------|---------------------|------------------------|-------------|---------------|
| Stream™ XC Atherectomy Catheter | 2.4 (mm) | 2.4 (mm) | 1.5 (L/min) | 1.5 (L/min) |
| Stream™ XC Atherectomy Catheter | 2.4 (mm) | 2.4 (mm) | 1.5 (L/min) | 1.5 (L/min) |
| Stream™ SC Atherectomy Catheter | 2.4 (mm) | 2.4 (mm) | 1.5 (L/min) | 1.5 (L/min) |
| Stream™ SC Atherectomy Catheter | 2.4 (mm) | 2.4 (mm) | 1.5 (L/min) | 1.5 (L/min) |

Live from Leipzig



M. Schreier

LINC

GLOBAL EXPERT
EXCHANGE FORUM



- 12:30 – 13:30 Selected abstracts original research – EVAR (part I)**
Moderator: K. Donas
Panel: S. Seifert, T. Larzon
- 12:30 – 12:35 Open thoracic and thoraco-abdominal aortic repair after prior endovascular therapy *D. Kotelis*
- 12:35 – 12:40 The evolving management of ruptured abdominal aortic aneurysms: An Australasian experience *C. Wang*
- 12:40 – 12:45 Results of Chimney EVAR as used in the PERICLES registry to treat patients with suprarenal aortic pathologies *G. Taneva*
- 12:45 – 12:50 Prevention of Type II endoleak: role of EVAS technique in comparison to sac embolization technique in case of abdominal aortic aneurysm treatment *P. Scrivero*
- 12:50 – 12:55 Systematic multi-staged endovascular repair of thoracoabdominal aneurysms with fenestrated and branched endografts (STEAR study) *D. Loschi*
- 12:55 – 13:00 Screening Cardiovascular patients for Aortic aneurysms (SCAN) – High prevalence of AAA in CHD requiring intervention *B. Reutersberg*
- 13:00 – 13:05 Hypogastric revascularisation during EVAR: surgical and endovascular techniques. Single centre experience *I. Ficarelli*
- 13:05 – 13:10 The subclavian artery access for difficult vascular interventions *E. Alexandre Lafont*
- 13:10 – 13:15 Impact of post-EVAR graft limb kinking in EVARlimb occlusion – etiology, early diagnosis, and management *A. Coelho*
- 13:15 – 13:30 Discussion

- 13:30 – 15:00 Selected abstracts original research – EVAR (part II)**
Moderator: G. Torsello
Panel: S. Botsios
- 13:30 – 13:35 Aortic dilatation following Type B aortic dissection: a single-center retrospective study *H. F. Wong*
- 13:35 – 13:40 Endovascular therapy for ischemic vs. non-ischemic complicated acute Type B aortic dissection (cATBAD) *A. Eleshra*
- 13:40 – 13:45 New off-the-shelf FEVAR technique *B. Huasen*
- 13:45 – 13:50 Feasibility of aortic neck anatomy for endovascular aneurysm repair in Korean patients with abdominal aortic aneurysm *D. Hwang*
- 13:50 – 13:55 Sequelae of EVAR limb occlusion, a 6-year retrospective review *T.-A. Russell*
- 13:55 – 14:00 Subclavian Artery Plug Embolization (SAPE study): a real experience about endovascular subclavian occlusion prior to thoracic vascular repair *S. Salvati*
- 14:00 – 14:05 Totally percutaneous access for thoracic and thoracoabdominal endovascular aortic repair: upper extremity access *A. Melloni*
- 14:05 – 14:10 Low risk of spinal cord ischemia after endovascular repair for juxtarenal and thoracoabdominal aortic aneurysms using parallel stent graft implantation
R. Kopp
- 14:10 – 14:15 The Colt device – How cooperation with industry influenced the treatment of complex TAAAs *P. Szopiński*
- 14:15 – 14:20 “Soft” hybrid procedures in high risk patients – new view of aortic arch aneurysm treatment *D. Chernova*
- 14:20 – 14:25 TEVAR performed in 106 year old female; advantage of low profile Zenith Alpha thoracic endovascular graft *N. Fujimura*
- 14:25 – 15:00 Discussion

- 08:00 – 09:30** **Optimizing the treatment of BTK vessels in critical limb ischemia: Focus on new trials, drug-eluting technologies, and new implants**
Moderators: D. Scheinert, J. Mustapha
Panel: M. Bosiers, P. Schneider, E. Armstrong, F. Vermassen, R. Varcoe, F. Liistro
- 08:00 – 08:05 Update on the BEST-trial: How will it change our practice *M. Menard*
- 08:05 – 08:10 Endovascular treatment vs. bypass surgery in CLI patients with chronic kidney disease *T. Bisdas*
- 08:10 – 08:15 **First time data release:**
 In depth look at Lutonix safety events with difficult lesion 6 month BTK IDE Update
J. Mustapha
- 08:15 – 08:20 **First time data release:**
 Interim 24-month results from the global LUTONIX® 014 DCB real world BTK registry
M. Lichtenberg
- 08:20 – 08:25 **First time data release:**
 Paclitaxel-coated balloon in below-the-knee lesions: 6-month results from the Ranger BTK single center study *C. del Giudice*
- 08:25 – 08:30 **First time data release:**
 Initial experience with the temporary spur stent system: DEEPER trial first-in-man results *J. Mustapha*
- 08:30 – 08:35 New DCB era for BTK: 6-month results from the China AcoArt II study *W. Guo*
- 08:35 – 08:40 Drug-coated balloons in BTK: Where do we stand and what are the open questions?
M. Bosiers
- 08:40 – 08:45 Alternative methods of drug delivery in BTK vessels – Initial insights from the TANGO trial *E. Armstrong*
- 08:45 – 09:05 **■ Live case transmission from Leipzig**
- 09:05 – 09:10 How to reduce dissections in BTK: Techniques & devices *J. van den Berg*
- 09:10 – 09:15 Size matters: experimental study on the effect of oversizing during tibial PTA
O. Bakker
- 09:15 – 09:20 Initial experience with a new 3F compatible microstent for BTK revascularisation
R. Beasley
- 09:20 – 09:25 The demise of the absorb BVS. Why it failed, what we learned from the coronary experience, and is there is a future for bioresorbable scaffolds below-the-knee?
R. Varcoe
- 09:25 – 09:30 Discussion and conclusion
- 09:30 – 11:00** **Symposium: Data supported solutions for peripheral arterial disease intervention**
 supported with an educational grant from Boston Scientific
Moderators: D. Scheinert, Y. Gouëffic
Panel: K. Katsanos, C. del Giudice, S. Müller-Hülsbeck
- 09:30 – 09:32 Introduction and learning objectives *Y. Gouëffic*
- 09:32 – 09:47 Benchmarking Ranger drug-coated balloon data in SFA treatment
D. Scheinert
- 09:47 – 10:02 Downstaging complexity for a DCB strategy in claudicants *K. Katsanos*
- 10:02 – 10:27 **■ Live case transmission from Leipzig**
- 10:27 – 10:42 Gauging performance in below-the-knee intervention *C. del Giudice*
- 10:42 – 10:57 Raising the bar with Eluvia drug-eluting stent data *S. Müller-Hülsbeck*
- 10:57 – 11:00 Close and take aways

- 11:00 – 12:30** **Optimizing the treatment of BTK vessels in critical limb ischemia: Focus on imaging, revascularisation strategies, atherectomy, and assessment of results**
Moderators: P. Schneider, R. Ferraresi
Panel: J. Reekers, M. Montero-Baker, G. Adams, Y. Soga, M. Manzi
- 11:00 – 11:05 Critical limb ischemia: Have we made improvement in classifying these patients in a better way? *M. Brodmann*
- 11:05 – 11:11 Tips and tricks to optimize preinterventional imaging with CO₂ angiography and no-contrast MR angiography *J. van den Berg*
- 11:11 – 11:17 Wound and surgery-guided revascularisation & flow-guided surgery: the multidisciplinary approach to limb salvage *R. Ferraresi*
- 11:17 – 11:23 When is below-the-ankle angioplasty indicated and how to introduce it into your practice? *P. Schneider*
- 11:23 – 11:43 ■ *Live case transmission from Münster*
- 11:43 – 11:48 How to optimize acute success and drug effect of DCB in BTK vessels? *M. Lichtenberg*
- 11:48 – 11:54 The role of orbital atherectomy for optimization of BTK revascularisation results *P. Schneider*
- 11:54 – 12:00 Versatility of directional atherectomy: Clinical use below-the-knee *R. Sachar*
- 12:00 – 12:06 Assessing foot perfusion after BTK revascularisation: Role of perfusion angiography and upcoming techniques *M. Montero-Baker*
- 12:06 – 12:11 Perfusion imaging of the foot in CLI-patients: prognostic value of pharmacological interventions *P. Huppert*
- 12:11 – 12:16 Is non-functional microcirculation the same as flow-independent ischemia? *J. Reekers*
- 12:16 – 12:30 Discussion and conclusion

- 12:30 – 13:30** **Focus session: Pioneering approaches for “no-option” patients**
 partially supported with an educational grant from LimFlow
■ *with Steven Kum and Andrej Schmidt live from Leipzig:*
Percutaneous deep venous arterialization for end stage CLI
Moderators: J. Mustapha, M. Brodmann
Panel: R. Ferraresi, P. Schneider, E. Armstrong
- Flash presentations:
- No option CLI – A rising epidemic and an overview of solutions *M. Manzi*
- Surgical and hybrid venous arteriolisation – How to perform it and what are the limitations *R. Ferraresi*
- Update on the PROMISE I early feasibility study in the US and global experience *J. Mustapha*
- Rationale and design of a pivotal study for an autologous blood filter device for treatment of critical limb ischemia *B. Modarai*

- 13:30 – 15:00** **Symposium: Lutonix® DCB – The next clinically proven frontier for SFA, BTK, and AV treatment algorithms**
supported with an educational grant from C. R. BARD
Moderator: D. Scheinert
Panel: K. Deloose, Y. Soga, P. Geraghty, A. Finn, S. Trerotola
- 13:30 – 13:40 Global CTO analyses of all Lutonix DCB SFA combined trials *K. Deloose*
13:40 – 13:50 A closer look at the benefit of LTX DCB in diabetic patient in Japan *Y. Soga*
13:50 – 14:00 Comparison of overall LTX BTK IDE 6-month outcomes to global registry
P. Geraghty
- 14:00 – 14:10 Comparative studies of downstream events with drug coated balloon *A. Finn*
14:10 – 14:20 Sub-group analysis from LTX AV randomised trial *S. Trerotola*
14:20 – 14:30 Review and comparisons of DCB global registries *K. Deloose*
14:30 – 14:55 ■ *Live case transmission from Leipzig*
14:55 – 15:00 Discussion and conclusion

- 15:00 – 16:30** **VIVA@LINC:**
Carotid revascularisation redux: A whole new horizon?
Moderators: P. Schneider, C. Metzger
Panel: S. Lyden, W. Gray, J. Laird, E. Armstrong



- 15:00 – 15:05 **Announcement of the winners of the Vascular Career Award 2018**
- 15:05 – 15:30 ■ *Live case transmission from Columbus*
15:30 – 15:38 Transcervical carotid stenting (TCAR) is a game changer and a re-boot for CAS *P. Schneider*
- 15:38 – 15:46 Cognitive decline with untreated carotid lesions: fact or fiction? *J. Laird*
15:46 – 15:54 Timing of carotid bifurcation repair after symptoms: how does it affect stroke risk? *C. Metzger*
- 15:54 – 16:22 ■ *Live case transmission from Columbus*
16:22 – 16:30 Will mesh covered stents help reduce the risk of stroke? *W. Gray*



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| 16:30 – 18:00 | <p>The remaining challenges: Long CTO lesions and in-stent restenosis <i>Moderators: S. Lyden, R. Varcoe</i> <i>Panel: M. Dake, J. F. Noya, S. Steiner, D.-D. Do</i></p> |
| 16:30 – 16:36 | <p>First time data release: Intravascular ultrasound supported endovascular therapy in superficial femoral artery disease: 12-month results from the IVORY-study <i>O.lida</i></p> |
| 16:36 – 16:42 | <p>Insights from Global Zilver PTX experience: What are the predictors for clinical failure and TLR? <i>M. Dake</i></p> |
| 16:42 – 16:48 | <p>CTO vs. non-CTO lesions: What are the lessons learned from the Real-PTX trial and the concept of the BEST-SFA trial? <i>S. Steiner</i></p> |
| 16:48 – 17:13 | <p>■ <i>Live case transmission from Leipzig</i></p> |
| 17:13 – 17:19 | <p>Complex case review: Versatility of the GORE® VIABAHN® endoprosthesis in the treatment of challenging peripheral disease <i>J. F. Noya</i></p> |
| 17:19 – 17:25 | <p>Combination therapy tackling ISR: laser + DCB 2-year results <i>E. Armstrong</i></p> |
| 17:25 – 17:31 | <p>Advancing laser therapy: different settings for different lesions <i>G. Adams</i></p> |
| 17:31 – 17:56 | <p>■ <i>Live case transmission from Columbus</i></p> |
| 17:56 – 18:00 | <p>Discussion and conclusion</p> |

- 08:00 – 09:15** **Complex iliac artery aneurysms – current techniques for endovascular repair**
Moderators: G. Torsello, J. Brunkwall
Panel: S. Botsios, F. Verzini, O. Richter
- 08:00 – 08:06 Results of the multicenter pELVIS registry for isolated common iliac aneurysms treated by the iliac branch device *G. Pratesi*
- 08:06 – 08:12 Bilateral use of the Gore IBE device for bilateral CIA aneurysms and a first interim analysis of the prospective Iceberg registry *M. Reijnen*
- 08:12 – 08:18 Long-term outcomes of the COOK IBD for iliac artery aneurysms *G. F. Torsello*
- 08:18 – 08:46 **■ Live case transmission from Münster**
- 08:46 – 08:52 Iliac branch device GoWell: a prospective, multiple centers research results from China *W. Guo*
- 08:52 – 08:58 Sandwich technique for treating AAAs involving the common Iliac bifurcations: Experience with 151 hypogastric revascularisations: Lessons learned *J. Brunkwall*
- 08:58 – 09:04 Overtaking technical and anatomical challenges of preservation in the treatment of iliac aneurysmal disease *G. Pratesi*
- 09:04 – 09:10 Bilateral iliac aneurysm: what to preserve? *J. M. Heyligers*
- 09:10 – 09:15 Discussion and conclusion
- 09:15 – 11:00** **Innovations for daily practice: Advanced settings for hybrid ORs and new technologies for “standard” infrarenal aortic aneurysm repair**
Moderators: F. Moll, M. van Sambeek
Panel: J. Teßarek, J. van Herwaarden, F. Veith, C. Shu, M. Gargiulo
- Focus on considerations and innovative solutions for hybrid ORs**
- 09:15 – 09:21 Workflow innovation in the hybrid OR space *H. Wendorff*
- 09:21 – 09:27 Sterility in the hybrid OR – A crucial hygiene factor *R. Traversari*
- 09:27 – 09:33 Rationale for IVUS guided endovascular aortic repair *J. Teßarek*
- 09:33 – 09:39 **First time data release:**
- Innovation in 3D navigation: results from the FORS – Fibre Optic RealShape first in-human study *J. van Herwaarden*
- 09:39 – 09:45 Occupational radiation hazards during EVAR *F. Moll*
- Focus on current data and new technologies for “standard EVAR”**
- 09:45 – 09:50 Women experience clinically comparable long-term outcomes to men when treated with the Endurant endograft: a 5-year evaluation of 133 female patients from the ENGAGE registry *G. Pratesi*
- 09:50 – 10:10 **■ Live case transmission from Leipzig**
- 10:10 – 10:15 Does ovation offer a long-term durable solution for female AAA patients? Results from ENCORE gender sub-analysis *S. Lyden*
- 10:15 – 10:20 Results in EVAR, FEVAR, and BEVAR: are differences between men and women still present? *E. Verhoeven*
- 10:20 – 10:25 Early experience with Ankura AAA stent graft system *J. Albuquerque e Castro*
- 10:25 – 10:33 **■ Recorded case presentation: Abdominal aortic aneurysm repair with Lifetech Ankura AAA stent graft system** *K. Janowski*
- 10:33 – 10:38 Single-centre experience with the Gore C3 Excluder stent-graft in 300 consecutive patients *E. Verhoeven*
- 10:38 – 10:43 Might EVAS be associated with a difference in mortality compared to EVAR? *M. Reijnen*
- 10:43 – 10:48 Contemporary EVAR evidence demonstrated clear improvement in long-term outcomes compared to EVAR-1: Insights from the ENGAGE global registry *D. Böckler*
- 10:48 – 10:53 Final results of the RATIONALE registry with the Treovance stent-graft *V. Riambau*
- 10:53 – 11:00 Discussion and conclusion

11:00 – 12:30

Challenges in the treatment of infrarenal aneurysms – considerations for a durable repair

supported with an educational grant from COOK Medical

*Moderator: E. Verhoeven**Panel: N. Mosquera, F. Verzini*

11:00 – 11:05

Introduction *E. Verhoeven*

11:05 – 11:13

Challenges in the treatment of infrarenal aneurysm – considerations for a durable repair *N. Mosquera*

11:13 – 11:38

■ *Live case transmission from Leipzig*

11:38 – 11:46

Keypoints when treating short necks *F. Verzini*

11:46 – 12:30

Discussion and conclusion

13:30 – 15:00

Symposium: GORE® VIABAHN® VBX Balloon Expandable Endoprosthesis: bridge the gaps for aortic complex disease

supported with an educational grant from Gore & Associates

*Moderator: D. Böckler**Panel: G. Torsello, J. F. Noya, M. Gargiulo*

13:30 – 13:35

Introduction by the moderator

13:35 – 13:50

Advantages of the GORE® VIABAHN® VBX Balloon Expandable Endoprosthesis: technical and clinical value in treating aortic disease *G. Torsello*

13:50 – 14:05

Performance of bridging stents for fenestrated endovascular repair *M. Gargiulo*

14:05 – 14:20

■ *Recorded case presentation J. F. Noya*

14:20 – 14:35

1-year data *G. Torsello*

14:35 – 14:50

■ *Live case transmission from Münster*

14:50 – 15:00

Discussion and conclusion by moderator

15:00 – 16:30

CX@LINC: Endovascular aortic controversies*Moderator: R. Greenhalgh**Panel: D. Böckler, T. Kölbel***Improving EVAR results**

15:00 – 15:10

Reduced radiation and choice of imaging modality for endoleak detection and correction *D. Böckler*

15:10 – 15:20

New analyses for NICE aortic guidelines *R. Greenhalgh*

15:20 – 15:30

Most EVAR procedures should be done under local anaesthetic *D. Böckler*

15:30 – 15:45

Audience participation and discussion

Avoiding Stroke from Thoracic Endovascular Procedures (STEP)

15:45 – 15:55

Stroke from Thoracic Endovascular Procedures (STEP study) findings *T. Kölbel*

15:55 – 16:00

Audience participation and discussion

16:00 – 16:10

Pre-procedure screening to minimise stroke from endovascular arch repair *M. Dake*

16:10 – 16:15

Audience participation and discussion

16:15 – 16:25

Edited live: Ascending and arch of aorta techniques to reduce stroke risk *T. Kölbel*

16:25 – 16:30

Audience participation and discussion

- 16:30 – 18:00** **Advanced solutions for juxtarenal aneurysms and challenging neck anatomy**
Moderators: M. van Sambeek, G. Torsello
Panel: T. Larzon, G. Pratesi, D. Branzan, J. Brunkwall
- 16:30 – 16:36 The use of EVAR to treat extreme hostile anatomies;
 Insights from the EAGLE registry *M. van Sambeek*
- 16:36 – 16:42 Experience with Treovance in highly angulated necks *D. Murray*
- 16:42 – 16:48 EVAR in severely angulated neck: an option with good longterm outcome
B. Kritpracha
- 16:48 – 17:13 ■ *Live case transmission from Münster*
- 17:13 – 17:19 Early experience from the ENCHANT post-market registry on chEVAR
 with Endurant *G. Torsello*
- 17:19 – 17:25 Pararenal AAA: Why FEVAR must be better than CHEVAR
 in most cases *E. Verhoeven*
- 17:25 – 17:31 Update on the fenestrated Anaconda endograft for F/EVAR:
 worldwide experience from the global FACT registry *C. Zeebregts*
- 17:31 – 17:37 Early experience with Excluder conformable
 in a broad range of anatomies *J. Heckenkamp*
- 17:37 – 17:43 Mid-term results from ANCHOR: How does this data influence the treatment
 algorithm for hostile EVAR anatomies *J.-P. de Vries*
- 17:43 – 17:49 Complementary therapy for juxtarenal AAAs (<10 mm to 4 mm neck length):
 clinical results and technical insights using the Endurant + Heli-FX short neck
 indication *G. Pratesi*
- 17:49 – 18:00 Discussion and conclusion



- 08:00 – 09:30** **Focus session: Interventional oncology and embolisation therapies – Liver (part I)**
Moderators: U. Teichgräber, M. Moche
Panel: T. J. Vogl, M. Pech, W. Wohlgemuth
- 08:00 – 08:08 Irreversible electroporation – current role in percutaneous tumor ablation
P. Wiggermann
- 08:08 – 08:33 ■ *Live case transmission from Frankfurt*
- 08:33 – 08:41 Clinical evidence of radioembolisation in HCC *M. Pech*
- 08:41 – 08:49 Transarterial chemoembolisation: C-TACE vs. DEB TACE vs. DSM TACE *T. J. Vogl*
- 08:49 – 09:14 ■ *Live case transmission from Jena*
- 09:14 – 09:22 SIRCCA trial: Radioembolisation as first line therapy in patients with inoperable intrahepatic cholangiocarcinoma *T. Petersen*
- 09:22 – 09:30 Holmium-166 radioembolisation: do we really need that? *R.-T. Hoffmann*
- 09:30 – 10:15** **Stop bleeding!**
Tips and tricks for interventional management of bleeding complications
Moderators: J. Balzer, R. Lookstein
Panel: B. Radeleff, B. Reimers
- 09:30 – 09:38 Interventional therapies in patients under anticoagulation – risk-related management *B. Maiwald*
- 09:38 – 09:46 Emergency coiling procedures for acute bleeding – tips and tricks *B. Radeleff*
- 09:46 – 09:54 Interventional treatment options for bleeding of oesophageal varices *A. Koops*
- 09:54 – 10:02 Access complications during TAVI – How to treat and how to prevent *B. Reimers*
- 10:02 – 10:15 Discussion and conclusion
- 10:15 – 11:00** **Symposium: Pelvic venous disorders: iliofemoral obstruction and pelvic venous insufficiency case presentations**
sponsored by Medtronic
Moderator: S. Black
Panel: V. Vidal
- 10:15 – 10:30 PTS and Acute DVT case with Abre Venous Stent System *H. Jalaia*
- 10:30 – 10:40 NIVL case with Abre Venous Stent System *S. Black*
- 10:40 – 10:50 Pelvic venous reflux: Embolisation with the Onyx® Liquid Embolic system
V. Vidal
- 10:50 – 11:00 Questions and answers
- 11:00 – 12:30** **Focus session: Interventional oncology and embolisation therapies – Liver (part II)**
Moderators: T. Vogl, M. Pech
Panel: R.-T. Hoffmann, U. Teichgräber, M. Moche
- 11:00 – 11:08 Double embolisation for rapid liver hypertrophy: The endovascular ALPPS
C. Binkert
- 11:08 – 11:33 ■ *Live case transmission from Jena*
- 11:33 – 11:41 Portal vein aborisation after TIPSS implantation *U. Teichgräber*
- 11:41 – 11:49 Thermoablation – where do we stand? *T. Vogl*
- 11:49 – 12:14 ■ *Live case transmission from Frankfurt*
- 12:14 – 12:22 ■ *Recorded case presentation: Technical aspects of portal venous embolisation*
R. Aschenbach
- 12:22 – 12:30 OPTIMIS: a global observational study to assess the use of Sorafenib after TACE in patients with hepatocellular carcinoma (HCC) *M. Peck-Raosavjevic*

13:30 – 15:00

VIVA@LINC: Deep dive into acute lower extremity ischemia: are we making progress?

■ with Gary Ansel live from Columbus

Moderators: S. Lyden, P. Schneider

Panel: O. Iida, S. Steiner, J. Laird, E. Armstrong

Flash presentations:

My algorithm for managing acute lower extremity ischemia P. Schneider

Insights into the pathophysiology of thrombus:

Why is clot removal so difficult? O. Iida

When is open surgery or a hybrid approach indicated

for acute limb ischemia and when to do fasciotomy? S. Lyden

The impact of new devices and strategies on

how we perform arterial thrombectomy S. Steiner

15:00 – 16:30

Focus session: Interventional radiology – embolisation therapy

Moderators: U. Teichgräber, T. J. Vogl

Panel: W. Wohlgemuth, A. Rampoldi, V. Vidal

15:00 – 15:08

Medium and longterm outcome of prostate artery embolisation for patients with benign prostatic hyperplasia A. Rampoldi

15:08 – 15:29

■ Live case transmission from Jena

15:29 – 15:37

Uterine artery embolisation (UAE) vs. laparoscopy vs. HIFU T. J. Vogl

15:37 – 15:45

5-year results of prostate artery embolisation from Jena University Hospital T. Franiel via satellite from Jena

15:45 – 15:53

Endovascular therapy of arterio-venous malformations:

how to treat lesions with different angioanatomy W. Wohlgemuth

15:53 – 16:14

■ Live case transmission from Frankfurt

16:14 – 16:22

Interventional treatment of visceral artery and pseudoaneurysm A. Malouhi

16:22 – 16:30

Emborrhoid: A new concept for the treatment of hemorrhoids with arterial embolization V. Vidal

16:30 – 18:00

Miscellaneous topics: Renal, visceral interventions, and beyond*Moderators: W. Gray, T. J. Vogl**Panel: P. Lurz, R. Lookstein, M. Thieme*

16:30 – 16:37

Renal denervation: Is the concept still alive? *P. Lurz*

16:37 – 16:44

Fibromuscular dysplasia in renal arteries *A. Dwivedi*

16:44 – 16:51

Acute and chronic mesenteric ischaemia – Incidence, clinical presentation, and treatment options *M. Thieme*

16:51 – 17:15

■ *Live case transmission from Jena*

17:15 – 17:22

TIPSS – current and future applications *T. J. Vogl*

17:22 – 17:29

Endovascular techniques for visceral artery aneurysm treatment
S. Müller-Hülsbeck

17:29 – 17:53

■ *Live case transmission from Frankfurt*

17:53 – 18:00

Left gastric artery embolization for obesity management – Current experiences and techniques *R. Beasley*

09:30 – 10:30

SITE@LINC: Aortic disaster cases: what can we learn from the expert's nightmares?*Moderators: V. Rimbau, D. Böckler**Discussants: J. Brunkwall, J.-P. de Vries, E. Ducasse, 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



11:00 – 12:00

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: S. Lyden**Discussants: C. Metzger, J. Laird, O. Iida*Aortic *S. Lyden*Carotid *C. Metzger*Femoral-popliteal *J. Laird*Tibial-pedal *O. Iida*

This is a case-based session focusing on what we like best ... real cases with challenges that make the experts sweat. This may result in a great save or a terrible complication but these are often the cases from which we learn the most. In this amphitheater setting, audience participation is encouraged and step-by-step case management is featured and discussed.

12:35 – 13:20

Lunch symposium: Lowest wash-off and crystal clear coating: advanced strategies for DCB safety

supported with an educational grant from Cardionovum

*Moderators: M. Lichtenberg, C. Vaquero-Puerta**Discussants: C. Hammond, K. Deloose, E. Stabile*SAFE PAX: The patient safety PTX coating technology *M. Lichtenberg*
 Long-term effect of the Paclitaxel releasing peripheral balloon dilatation catheter (APERTO OTW®) for arteriovenous fistulae stenosis: the evidence to date
C. Hammond

Modern revascularisation strategy for long SFA lesions:

The REFLOW outcomes *K. Deloose*
 Learning from the producers: The LEGDEB experiences and 2-year outcomes
E. Stabile
Conclusions and take home message *E. Stabile*

12:35 – 12:42

12:42 – 12:52

12:52 – 13:02

13:02 – 13:12

13:12 – 13:20

14:00 – 15:00

Discussion forum on diabetic foot clinic and the multidisciplinary approach

supported with an educational grant from Abbott Vascular

*Moderator: B. DeRubertis**Discussants: R. Ferraresi, T. Zeller, G. Clerici*

Case example presentations: Benefit of establishing multidisciplinary diabetic foot clinics

Set-up: Discussion on best practices and pitfalls within diabetic foot care

Patient flow: Understanding patient pathways within multidisciplinary care units

Treatment algorithm: Dos and don'ts

15:30 – 16:30

CICE@LINC: Parallel grafts in the real world**CICE2019***Moderator: J. Brunkwall**Discussants: M. Lachat, J. G. Diniz, R. Kolvenbach, K. Donas*How to prevent gutter endoleaks with arch chimney grafts *J. Brunkwall*Parallel grafts work well to treat aortic lesions involving the visceral segment and the arch: The mid- and long-term results demonstrate durability although re-interventions may be required *M. Lachat*Three or four chimneys: Is it too much? *J. G. Diniz*

How Onyx can eliminate gutter endoleaks after parallel grafts used

in AAA repairs: When to fix and technical tips *R. Kolvenbach*New findings from the PERICLES registry shed light on ways to improve outcomes of parallel grafts to treat complex aneurysms *K. Donas*

Sandwich technique for treating complex aortoiliac aneurysms:

Experience with 151 hypogastric revascularisations: lessons learned *J. Brunkwall*

08:00 – 09:45

Lower limb interventions (part I)**Focus on latest information on drug-coated balloons***Moderators: W. Gray, K. Deloose**Panel: J. Granada, A. Finn, E. Stabile*

08:00 – 08:25

■ **Live case transmission from Leipzig**

08:25 – 08:30

Pre-clinical and histology findings from different DCBs *R. Coscas*

08:30 – 08:35

First time data release:A mechanistic look at 0.018 DCBs: Considerations for efficacy and durability of response *J. Granada*

08:35 – 08:40

How DCB drug dose effects vessel healing *A. Finn*

08:40 – 08:45

1-year outcome of the KANSHAS 1 study of the novel KANSHAS drug-coated balloon for treatment of femoropopliteal occlusive disease: the first-in-human study *M. Lichtenberg*

08:45 – 08:50

Total IN.PACT™ 1-year results: Clinical outcomes from All-Comers *M. Brodmann*

08:50 – 08:55

Total IN.PACT™ 1-year results: Imaging and propensity analysis *J. Laird*

08:55 – 09:00

6-month SFA results from Levant Japan PMS *H. Yokoi*

09:00 – 09:05

Outcomes of DCB use in real world patients: 3-year clinical outcomes from the IN.PACT™ global study *K. Deloose*

09:05 – 09:10

Ranger DCB SFA registry: 24-month full cohort analysis *M. Lichtenberg*

09:10 – 09:15

Long term results from the LegDeb registry *E. Stabile*

09:15 – 09:20

Cost economic evidence: what do DCB deserve? The US case example *G. Adams*

09:20 – 09:25

Adverse effects of Paclitaxel on arterial pathology:

Are we using the right drug on our DCBs? *U. Beschorner*

09:25 – 09:30

12-month data from the EFFPAC randomized clinical trial *M. Thieme*

09:30 – 09:45

Discussion and conclusion

09:45 – 10:45

JET@LINC*Moderators: G. Biamino, K. Urasawa, H. Yokoi**Panel: M. Tan, T. Nakama, M. Fujihara, D. Kawasaki, O. Iida*

09:45 – 09:50

Introduction

09:50 – 09:58

A review of revascularisation techniques for femoropopliteal occlusions in Japan *M. Tan*

09:58 – 10:06

The efficacy of pedal artery revascularisation; the final frontier of lower limbs intervention *T. Nakama*

10:06 – 10:14

The reconsideration of evaluation for complex SFA disease by the multidisciplinary modalities *M. Fujihara*

10:14 – 10:22

IVUS guided intraluminal wiring for peripheral CTO lesion *D. Kawasaki*

10:22 – 10:30

Overview of CLI treatment evidence vs. experience *O. Iida*

10:30 – 10:45

Discussion and conclusion



- 10:45 – 12:30** **Deep dive session: Lower limb interventions (part II)**
Focus optimization of DCB-results in complex lesions, critical limb ischemia, and new implants
Moderators: I. Baumgartner, N. Shammass
Panel: S. Duda, M. Bosiers
- 10:45 – 10:50 IN.PACT™ DCB outcomes in CLI patients *J. Cuenca*
- 10:50 – 10:55 Long-term durability and safety of DCB treatment in the SFA:
 Final 5-year clinical outcomes from the IN.PACT™ SFA trial *J. Laird*
- 10:55 – 11:00 Changing paradigm: The role of DCB in Japanese clinical practice *Y. Soga*
- 11:00 – 11:20 **■ Live case transmission from Leipzig**
- 11:20 – 11:25 Dissections matter: Evidence for post PTA dissections *E. Armstrong*
- 11:25 – 11:30 Dissection identification and classification using IVUS *N. Shammass*
- 11:30 – 11:35 Tack endovascular system – how I will use the Tack Endovascular System®
 in the real world *M. Lichtenberg*
- 11:35 – 11:40 Impact of “Super Slow Inflation” as a lesion preparation in the DCB era
M. Sugihara
- 11:40 – 11:45 BIOLUX 4 EVER: Combining Paseo-18 Lux DCB and Pulsar-18 BMS –
 24-month results of full cohort *K. Deloose*
- 11:45 – 11:50 Results from the 100 patients of the prospective TIGRIS Vienna study –
 update *M. Werner*
- 11:50 – 11:55 The EVOLUTION study: a physician-initiated study investigating the iVolution
 stent in femoropopliteal lesions (final 24-month results) *M. Bosiers*
- 11:55 – 12:00 BATTLE trial: RCT comparing BMS (Misago) vs. DES (Zilver PTX)
 for SFA intermediate lesions *Y. Gouëffic*
- 12:00 – 12:05 Insights from the IMPERIAL trial *S. Müller-Hülsbeck*
- 12:05 – 12:10 The usefulness of Zilver PTX for the treatment of in-stent restenosis
 of the superficial femoral artery *T. Shibata*
- 12:10 – 12:15 Outcomes of Paclitaxel coated technology in treating patients
 with Rutherford 5 and 6 peripheral arterial disease *S. Shariff*
- 12:15 – 12:20 Economic evaluation of IN.PACT™ Admiral drug-coated balloon (DCB)
 for treatment of CLI lesions of the SFA, in the Dutch healthcare system
M. Reijnen
- 12:20 – 12:30 Discussion and conclusion
- 12:30 – 13:30** **Lunch symposium: It's time to unwind!**
**Accelerating thrombus dissolution with EKOS™ acoustic pulse
 thrombolysis in everyday clinical practice**
 supported with an educational grant from BTG
Moderator: N. Kucher
Panel: H. Jalaie, M. Dumantepe
- 12:30 – 12:35 Introduction
- 12:35 – 12:50 Risk stratification of acute PE: Selection of patients for catheter intervention
N. Kucher
- 12:50 – 13:05 5-year follow up for acute DVT patients treated with EKOS™:
 experience from Aachen University Hospital *H. Jalaie*
- 13:05 – 13:20 Treatment of chronic DVT with EKOS: reproducing ACCESS PTS data
 in every day clinical practice *M. Dumantepe*
- 13:20 – 13:30 Discussion and conclusion





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|---------------|---|-----------------------|
| 13:30 – 14:30 | <p>CCT@LINC – Various techniques to recanalise CTO <i>Moderators: R. Langhoff, H. Ando</i> <i>Panel: M. Tan, T. Nakama, K. Urasawa</i></p> | |
| 13:30 – 13:43 | Video live and lecture: Gachon technique for non-removable thrombus | <i>M. Tan</i> |
| 13:43 – 13:56 | Video live and lecture: Various distal puncture techniques | <i>T. Nakama</i> |
| 13:56 – 14:09 | Video live and lecture: Trans-collateral wiring | <i>K. Urasawa</i> |
| 14:09 – 14:22 | Video live and lecture: Needle clucking technique | <i>H. Ando</i> |
| 14:22 – 14:30 | Discussion and conclusion | |
| 14:30 – 15:50 | <p>Deep dive session: Endovenous therapies (part I) <i>Moderators: N. Kucher, G. O'Sullivan</i> <i>Panel: R. Lookstein, R. De Graaf, R. Bauersachs</i></p> | |
| | Focus on acute DVT | |
| 14:30 – 14:37 | Evidence on mechanical thrombectomy for iliofemoral DVT: Latest trial update | <i>M. Lichtenberg</i> |
| 14:37 – 14:44 | Single center registry for the treatment of acute deep venous thrombosis by Angiojet | <i>Y. Gouëffic</i> |
| 14:44 – 14:51 | 1-year outcomes of the Indigo thrombectomy catheter for deep vein thrombosis | <i>T. Bisdas</i> |
| 14:51 – 14:58 | Catheter-directed thrombolysis vs. mechanical thrombectomy in Ilio femoral DVT. Why I choose one over the other | <i>G. O'Sullivan</i> |
| | Focus on chronic DVT, deep vein recanalisation, and stenting | |
| 14:58 – 15:05 | Venous stenting: May Thurners, a patient story | <i>O. Schlager</i> |
| 15:05 – 15:12 | LINC status update: The role of venous stenting in the absence of clear scientific data | |
| | Medical therapy is usually enough | <i>R. Bauersachs</i> |
| 15:12 – 15:19 | No, I see the quality and necessity for stenting | <i>R. Lookstein</i> |
| 15:19 – 15:26 | New strategy for endovascular treatment of the obstructed common femoral vein | <i>N. Kucher</i> |
| 15:26 – 15:33 | The VIDIO trial: diagnostic and clinical implications on the use of IVUS for deep venous treatment | <i>P. Gagne</i> |
| 15:33 – 15:40 | How common is iliac vein rupture during venous reconstruction and what to do | <i>G. O'Sullivan</i> |
| 15:40 – 15:50 | Discussion and conclusion | |

15:50 – 16:50

Deep dive session: Endovenous therapies (part II)*Moderator: T. Hirsch**Panel: M. Reijnen, M. Ulrich, K. Brachmann***Focus on superficial femoral disease**

15:50 – 15:57

LINC to phlebology – what's new in endovenous varicose vein treatment?
A. Lukhaup

15:57 – 16:04

Long-term experience with the Clarivein technology *M. Reijnen*

16:04 – 16:11

Advantages and pitfalls of endovenous glue for varicose vein treatment
T. Hirsch

16:11 – 16:18

Venous ulcer care – What we know and what we don't *K. Mühlberg*

16:18 – 16:25

Foam – short track to ulcer healing *T. Hirsch*

16:25 – 16:32

The new Sclero Safe Endovenous device for varicose vein treatment
R. Kolvenbach

16:32 – 16:50

Discussion and conclusion



- 09:00 – 11:00 Selected abstracts challenging cases – venous/AV**
Moderator: R. de Graaf
Panel: S. Sixt, B. Freitas
- 09:00 – 09:05 Aspiration thrombectomy for acute deep vein thrombosis of the left lower extremity of a child after cardiac radiofrequency ablation *M. A. Ruffino*
- 09:05 – 09:10 Mortality case after stent placement for SVC syndrome *M. G. Song*
- 09:10 – 09:15 Bilateral breast enlargement: an unusual presentation of SVC obstruction in a hemodialysis patient with fibrosing mediastinitis *D. E. Goo*
- 09:15 – 09:20 Emergency single stage superior vena cava and pulmonary artery stenting *N. Seneviratne*
- 09:20 – 09:25 Catastrophic antiphospholipid syndrome complicated with hepatic Budd-Chiari syndrome and inferior vena cava occlusion: case report of successful management with endovascular sharp IVC recanalisation and direct intrahepatic porto-systemic shunting *A. Alsaadi*
- 09:25 – 09:30 Endovascular treatment for IVC filter related PTS *W. Liang*
- 09:30 – 09:35 Endovascular treatment of traumatic intra-abdominal suprahepatic IVC rupture *N. Y. Yim*
- 09:35 – 09:40 Catheter directed thrombolysis followed by PTA of superior vena cava in a patient with severe SVC syndrome 3 years post PPM *S. Maqbool*
- 09:40 – 09:45 Right ovarian vein syndrome *N. Algharem*
- 09:45 – 09:55 Discussion
- 09:55 – 10:00 Endovascular management of concurrent ilio-iliac arteriovenous fistula and ipsilateral common iliac vein occlusion *B. AlAhaideb*
- 10:00 – 10:05 Successful percutaneous management of massive active bleeding from the ulcerated skin in two cases of complex AVM *G. Eldem*
- 10:05 – 10:10 Posttraumatic high-flow priapism treated with superselective arterial coil embolization: case report and literature review *B. Marinelli Teixeira*
- 10:10 – 10:15 Sharp recanalisation of central venous occlusion utilizing re-entry catheter *A. Alsaadi*
- 10:15 – 10:20 Inferior vena caval obstruction and limited role of endovenous therapy *M. Tarte*
- 10:20 – 10:25 Duodenal perforation consequent to a cava filter migration *G. Meirelles*
- 10:25 – 10:30 Klippel-Trenaunay syndrome. When and what to do? *A. Senol*
- 10:30 – 10:35 Advanced stage metastatic prostatic adenocarcinoma causing bilateral extensive Ilio-femoral DVT & infra-renal IVC thrombosis *M. Tarte*
- 10:35 – 10:40 Single session combined treatment of acute pulmonary embolism (PE) and acute deep venous thrombosis (DVT) with mechanical aspiration thrombectomy: single center experience *M. Pieraccini*
- 10:40 – 11:00 Discussion

- 11:00 – 11:30 Selected abstracts challenging cases – AV access related issues**
Moderator: K. Katsanos
Panel: R. Jones
- 11:00 – 11:05 Durability and cost effectiveness of peripheral inserted portcath for chemotherapy *S. Nagib*
- 11:05 – 11:10 Central venous occlusive disease in hemodialysis patients. What to do when the dialysis fistula is quickly occluded after reintervention? *E. Swiecka*
- 11:10 – 11:15 Dialysis access endovascular interventions and strategies for reducing hematomas with perforation *M. Goldberg*
- 11:15 – 11:20 Extreme hemodialysis access: a transhepatic HeRO *L. Freire*
- 11:20 – 11:25 IN.PACT™ Admiral DCB in upper limb arteriovenous fistulae/graft. A South African single unit audit *D. A. le Roux*
- 11:25 – 11:30 Lessons learned from 257 patients treated by surgical correction of dialysis steal syndrome *S. Steerman*
- 11:30 – 12:30 GDPR in a clinical setting**
Moderators: A. Talen, U. Beschorner
- 11:30 – 11:38 GDPR: What's all the fuss about? *A. Talen*
- 11:38 – 11:46 GDPR from an EC view *A. Talen*
- 11:46 – 11:54 What do EU hospitals need to comply with GDPR in medical studies? *J. Böhse*
- 11:54 – 12:02 MD perspective: what changed? How does GDPR affect communication with the patient? *U. Beschorner*
- 12:02 – 12:10 GDPR requirements for non-EU based manufacturers *N. Busch*
- 12:10 – 12:30 Discussion and conclusion

- 12:30 – 13:30 Challenging cases and complications – EVAR aortic dissections**
Moderator: V. Riambau
Panel: F. Verzini
- 12:30 – 12:35 Aortic dissection repair using the stabilise technique associated to arch procedures. Report of two cases *A. Lopes*
- 12:35 – 12:40 Endovascular and open rescue interventions in a case of inadvertent false lumen stentgraft implantation *M. A. Ruffino*
- 12:40 – 12:45 Endoanchors to stabilize short distal landing zone in challenged large thoracic aneurysm *S. Koussayer*
- 12:45 – 12:50 Complex multi-staged hybrid treatment in case of a complicated Type B dynamic dissection *P. Scrivere*
- 12:50 – 12:55 Trans-apical endovascular repair of Iatrogenic Type A aortic dissection: 5-year follow-up results *S. Kim*
- 12:55 – 13:00 Dissection flap as bailout navigator with reversed petticoat technique in complicated acute Type B aortic dissection (case presentation) *A. Allam*
- 13:00 – 13:05 Percutaneous balloon fenestration and stent placement for lower limb ischemia complicated with Type B aortic dissection: An 8-year follow up *V. P. Singh*
- 13:05 – 13:10 Hybrid procedure for a young patient with Type B aortic dissection and malperfusion syndrome *S. Nguyen*
- 13:10 – 13:15 Ortner's syndrome secondary to penetrating aortic arch ulcer treated with TEVAR *P. Aragon Ropero*
- 13:15 – 13:20 Effects of false lumen procedures for chronic DeBakey Type IIIb aortic dissection *S.-W. Song*
- 13:20 – 13:25 A complex case of penetrating aortic ulcer in a young man *R. George*
- 13:25 – 13:30 Cheese-wire fenestration to create a suitable landing zone for treatment of complex aortic dissection with late aneurysm formation *J. Stern*

- 14:00 – 15:15** **Challenging cases and complications – EVAR thoracic aorta/
aortic arch/thoracoabdominal aneurysms**
Moderator: M. Malina
Panel: C. Shu, F. Criado
- 14:00 – 14:05 Initial single-center experience with the use of the Covera Plus covered stent
in combination with the Colt device in complex aortic repair *G. Coppi*
- 14:05 – 14:10 Multilayer flow modulator placement for peri-visceral saccular aneurysm
with hemodynamic evaluation with AneurysmFlowSM: A case report *J. Y. Kim*
- 14:10 – 14:15 Congenital anomalies of the aortic arch; are they so rare? *D. Ruiz Chiriboga*
- 14:15 – 14:20 Use of parallel stents in visceral arteries in giant aneurysms
with challenger neck: Case report *A. Moraes*
- 14:20 – 14:25 Management of T-Branch infection *P. Rodriguez*
- 14:25 – 14:30 Thoracic wall sternal reconstruction tilted implant perforating the ascending
aorta: endovascular repair with ascending TEVAR *A. Pellegrin*
- 14:30 – 14:35 Complete de-branching aortic arch, with TEVAR from ascending aorta *J. Chaves*
- 14:35 – 14:40 Total arch replacement with chimney endovascular technique *G. Meirelles*
- 14:40 – 14:45 Cervical aortic arch debranching with laser fenestration of TEVAR
for ascending/aortic arch pathology *M. Wooster*
- 14:45 – 14:50 Staged open and endovascular management of the entire aorta in a patient
with complicated Type A dissection *V. Patel*
- 14:50 – 14:55 Iliac artery rupture during endovascular repair of the thoracic aorta
L. Sanchez Escalante
- 14:55 – 15:15 Discussion

- 08:30 – 09:30** **Challenging cases and complications – iliac/embolization**
Moderator: J. Balzer
Panel: H. Krakenberg
- 08:30 – 08:35 Percutaneous trans-gluteal embolization of an internal iliac artery aneurysm in a case of occlude IBE *M. A. Ruffino*
- 08:35 – 08:40 Endovascular therapy of aortoiliac occlusion – Could it be the first line therapy?
C. Anastasiadou
- 08:40 – 08:45 Bilateral common femoral artery endarterectomy with covered endovascular reconstruction of aortic bifurcation (CERAB) with retrograde left anterior tibial artery for PRESTO technique to conquer the complex aorto-iliac occlusive disease with heavily calcified CFA and long segment chronic total occlusion (CTO) lesion of SFA *T. Prapassaro*
- 08:45 – 08:50 Use of the transbrachial approach with regular radial sheath as an alternative method in the management of aortoiliac occlusive arterial diseases *M. Nagib*
- 08:50 – 08:55 Exclusion of a traumatic, giant arteriovenous fistula in a thirty-year-old female patient using endovascular technique *R. Proczka*
- 08:55 – 09:00 Endovascular treatment of ureteroarterial fistula using a covered stent, evaluated by intravascular ultrasound: A case report *K. Horie*
- 09:00 – 09:05 Leriche syndrome percutaneous treatment in patient with CLI – CERAB technique modification with protection of inferior mesenteric artery *P. N. Kipiani V.*
- 09:05 – 09:10 Combined thrombolysis, suction, and open aorto-iliac thrombectomy *H. Rabee*
- 09:10 – 09:15 Endovascular treatment of arterial complications after orthopedic surgery of the hip *E. Lonjedo*
- 09:15 – 09:20 Complex vascular complication after Hip TEP *C. Feldmann*
- 09:20 – 09:25 Retrograde embolization of symptomatic hypogastric artery aneurysm *A. Unzeitig*
- 09:25 – 09:30 Unusual transarterial embolization for frozen shoulder in case of ulcerative colitis
S. W. Park

- 09:30 – 11:00** **Challenging cases and complications – carotid/visceral/renal**
Moderator: S. Bartus
Panel: K. Mathias
- 09:30 – 09:35 Internal carotid pseudoaneurysm treated with diverted flow stent
P. P. Aragon Ropero
- 09:35 – 09:40 Traumatic subclavian pseudoaneurysm treated by hybrid technique *S. Estebanez*
- 09:40 – 09:45 Early endovascular approach in acute internal carotid artery dissection *R. Santos*
- 09:45 – 09:50 Hybrid operation for a huge internal carotid arterial aneurysm *W. Li*
- 09:50 – 09:55 Dysphagia Lusoria due left subclavian Kommerell diverticulum *G. Meirelles*
- 09:55 – 10:00 A case of successful EVT for acute hand ischemia with using trans collateral channel approach *H. Takimura*
- 10:00 – 10:05 Experience on management of extracranial carotid aneurysms *J. Wang*
- 10:05 – 10:10 IVUS & OCT during CAS *S. Volkov*
- 10:10 – 10:15 Endovascular management of massive hemobilia due to cystic artery pseudoaneurysm following laproscopic cholecystectomy *A. Khan*
- 10:15 – 10:20 Management of giant celiac artery aneurysm in a frail patient *T. Soares*
- 10:20 – 10:25 Endovascular treatment of acute bleeding from a SMA pseudoaneurysm following pancreaticoduodenectomy by implantation of coronary stent-grafts
M. Planert
- 10:25 – 10:30 Covered stents for the treatment of renal artery in-stent restenosis (ISR).
 A viable option for a common problem. Case presentation and literature review
A. Safar
- 10:30 – 10:35 Case study: complete occlusion of mesenteric vessels
 with vascularisation surgically *R. Heidepriem*
- 10:35 – 11:00 Discussion

- 11:00 – 12:30 Selected abstracts original research – Venous/AV access**
Moderator: S. Black
Panel: R. de Graaf, S. Sixt
- 11:00 – 11:05 Endovascular management of iliac vein compression syndrome: a prospective case series of 61 patients *A. Allam*
- 11:05 – 11:10 Flebogrif a new minimally invasive mechano-chemical technique for ablation of the great saphenous vein. One center experience – results of 24-month follow-up *T. Zubilewicz*
- 11:10 – 11:15 Midterm result of tunneled catheter placement in hemodialysis patients with central venous stenosis or occlusion *H. Lotfy*
- 11:15 – 11:20 Vena cava filter deployment prior to percutaneous endovenous therapy for proximal lower limb deep venous thrombosis: Should we routinely practice? *M. Ismail*
- 11:20 – 11:25 Fate of groin after radiofrequency ablation of varicose vein *E. Elashaal*
- 11:25 – 11:30 Iliac vein obstruction in chronic venous disease: efficacy of computed tomography venography when compared to intravascular ultrasound *F. Rossi*
- 11:30 – 11:35 Mid-term improvement of persistent headaches in patients with multiple sclerosis undergoing balloon venoplasty of internal jugular veins *P. Veroux*
- 11:35 – 11:40 The use of ultrasound accelerated thrombolysis vs. catheter guided thrombolysis for the treatment of DVT of lower extremities *M. Ansari*
- 11:40 – 11:45 Covered stents are an endovascular option for hemodialysis-related venous occlusive disease *T. Steinke*
- 11:45 – 11:50 The early and mid-term results of endovascular treatment for central venous obstruction in hemodialysis patients *W. Liang*
- 11:50 – 11:55 Hemodialysis access induced distal ischemia; effectiveness of different types of revisional surgeries *H. Sharafeldin*
- 11:55 – 12:00 Removal of 16-year old permanent trapease IVC Filter: presentation + review of the literature *B. Olivieri*
- 12:00 – 12:30 Discussion

- 12:30 – 13:30 Selected abstracts original research – Carotid/visceral/renal**
Moderator: S. Müller-Hülsbeck
Panel: S. Basche
- 12:30 – 12:35 Outcome of carotid artery stenting in patient with combined carotid and coronary artery disease *M. R. Juniery Pasciolly*
- 12:35 – 12:40 Endovascular reconstruction of extracranial traumatic internal carotid artery dissections: A systematic review *G. Koullias*
- 12:40 – 12:45 12-year experience of stent treatment of extracranial carotid stenosis (ECE) *E. Lonjedo*
- 12:45 – 12:50 1-year result of stent graft for carotid artery pseudo-aneurysm in Behcet's disease patients *H. Lotfy*
- 12:50 – 12:55 Modified anchor technique for stenting of main arteries of the head ostial stenosis *Y. Cherednychenko*
- 12:55 – 13:00 Monitoring of hemoperfusion of the brain and control of the absence of embolic ischemic foci according to CT perfusion and MRI in endovascular treatment of patients with multifocal stenotic and occlusive lesions of the cerebral artery *Y. Cherednychenko*
- 13:00 – 13:05 Carotid surgery in patients with contralateral occlusion: no shunt or endovascular *N. Zherdev*
- 13:05 – 13:10 Management strategy for symptomatic spontaneous isolated dissection of the superior mesenteric artery: A proposal algorithm *H. Liu*
- 13:10 – 13:15 Single center experience with open and endovascular treatment of the Nutcracker syndrome *A. Grandi*
- 13:15 – 13:30 Discussion

- 13:30 – 15:00 Selected abstracts original research – PVD/iliac**
Moderator: S. Nikol
Panel: F. Fanelli
- 13:30 – 13:35 Peripheral vascular disease in women in Argentina: more serious, under-recognised and undertreated *A. Mollon*
- 13:35 – 13:40 Impact of secondary prevention on outcome in patients with peripheral artery disease *N. Malyar*
- 13:40 – 13:45 Impact of HDL to major adverse limb event in end-stage renal disease on hemodialysis due to diabetic nephropathy. From PREDICT study *T. Kato*
- 13:45 – 13:50 Digital variance angiography as a paradigm shift in carbon-dioxide angiography *V. I. Oriás*
- 13:50 – 13:55 4F peripheral arterial interventions via percutaneous brachial artery access *D. Kretschmar*
- 13:55 – 14:00 Multicentric registry of lower limbs angioplasty in Argentina: Initial results *S. Peralta*
- 14:00 – 14:05 Surgical technique of Impella 5.0 Ventricular Assist Device Transaxillary Artery Placement *D. Loschi*
- 14:05 – 14:10 Endovascular treatment of arterial injuries with Bentleys BeGraft stent-graft system: Preliminary results *M. A. Ruffino*
- 14:10 – 14:15 Meta-analysis of direct surgical vs. endovascular revascularisation for aorto-iliac occlusive disease *S. Premaratne*
- 14:15 – 14:20 Hybrid procedure in patients with critical ischemia with common femoral artery and aortoiliac occlusive disease for TASC II *D. S. Papoyan*
- 14:20 – 14:25 Hybrid procedure in comparison with aorto femoral shunting in patients with lesions of the iliac arteries (TASC C, D) and hemodynamically significant lesions of the common femoral artery: Final results *A. Karpenko*
- 14:25 – 14:30 Fusion imaging reduces radiation and contrast medium exposure during endovascular revascularisation of iliac steno-occlusive disease *E. Stahlberg*
- 14:30 – 14:35 An Australian multicenter experience with the Endologix AFX unibody stent graft for the treatment of aortoiliac occlusive disease *C. Wang*
- 14:35 – 14:40 Results from a multicenter study of transradial iliac artery stenting in Japan *N. Shinozaki*
- 14:40 – 14:45 Endovascular approach in terminal aorta occlusion: how and when *N. Zherdev*
- 14:45 – 14:50 An endovascular solution for a troubling orthopedic complication: Rapid coil embolization of a profunda branch laceration during a complex femoral shaft fracture repair *E. Moore*
- 14:50 – 14:55 Is exercise always good for you? An arterial thrombosis due to excessive crossfit exercise *S. Steerman*
- 14:55 – 15:00 Safety and efficacy of the use of covered stent for the treatment of iliofemoral disease *E. Stabile*

- 15:00 – 16:30 Selected abstracts original research – SFA/popliteal/BTK**
Moderator: I. Baumgartner
Panel: R. Langhoff, L. Garcia
- 15:00 – 15:05 The periodical difference of SFA intervention from MK3 study *M. Fujihara*
15:05 – 15:10 Endovascular treatment with the Phoenix atherectomy system in patients with chronic limb ischemia. A series of 74 consecutive patients *G. Korosoglou*
- 15:10 – 15:15 Can vessel preparation minimize residual stenosis and improve outcomes? *T. Zeller*
- 15:15 – 15:20 Drug-eluting stent implantation vs. bypass surgery for in-stent occlusion after femoropopliteal stenting *Y. Tomoi*
- 15:20 – 15:25 Increased incidence of acute limb ischemia in patients treated with femoropopliteal stenting vs. atherectomy or angioplasty: A comparison of 823 consecutive femoropopliteal interventions *E. Scott*
- 15:25 – 15:30 Drug coating balloon use for symptomatic femoropopliteal arterial disease treatment *M. Ansari*
- 15:30 – 15:35 Impact of tibial runoff on outcomes of endovascular treatment for femoropopliteal atherosclerotic lesions *U. Park*
- 15:35 – 15:40 1-year outcome of DCB for long femoropopliteal artery disease in real-world practice from a single center in China *Z. Ye*
- 15:40 – 15:45 Angiographic classification of popliteal artery morphology in relation to patients phenotype in symptomatic peripheral artery disease (PAD) *M. Kaspar*
- 15:45 – 15:50 Popliteal artery angioplasty for CTO with vs. without distal landing zone *K. Atmatzas*
- 15:50 – 15:55 Could IVUS guided intervention for below the knee artery improve the clinical outcomes? *M. Fujihara*
- 15:55 – 16:00 IVUS guided real intraluminal approach improve clinical outcome of SFA-CTO compared with conventional intraluminal approach *Y. Tsubakimoto*
- 16:00 – 16:05 Safety and efficacy of the use of sirolimus eluting coronary self expanding system for the treatment of iliofemoral disease *E. Stabile*
- 16:05 – 16:10 How to maximize the effect of Zilver PTX? – Three year follow up data of Zilver PTX in our hospital *E. Ojima*
- 16:10 – 16:30 Discussion



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MEDI  ENTURES

AUDIOVISUAL PRODUCTIONS FOR THE MEDICAL, MORE ADVENTUROUS WORLD

- 08:00 – 09:30** **The last frontiers: Extreme BTK interventions**
Moderators: C. Metzger, R. Ferraresi
Panel: R. Beasley, J. Mustapha, W. Guo, F. Liistro, M. Brodmann, M. Palena
 ■ *Live case transmission from Abano Terme*
- 08:00 – 08:21 SAD transmission & BAD distribution: who is today a no-option CLI patient?
R. Ferraresi
- 08:21 – 08:29 Peroneal access technique: How I do it and when do I consider it?
M. Montero-Baker
- 08:29 – 08:37 Calcified below-the-knee lesions – overview of treatment options *E. Blessing*
 08:37 – 08:45 ■ *Live case transmission from Leipzig*
- 08:45 – 09:06 An evaluation of drug eluting technologies for BTK treatment *M. Brodmann*
- 09:06 – 09:14 DCB in BTK: Why and where should we use it *F. Liistro*
- 09:14 – 09:22 Prestige pilot: Phoenix atherectomy and Stellarex DCB
 09:22 – 09:30 in infrapopliteal interventions *M. Lichtenberg*
- 09:30 – 11:00** **Symposium: Mechanical atherectomy and thrombectomy of arterial and venous occlusions**
 supported with an educational grant from Straub Medical
Moderators: D. Scheinert, R. Loffroy
Panel: B. Freitas, C. Wissgott, M. Lichtenberg
- 09:30 – 09:40 Atherectomy and thrombectomy of femoropopliteal occlusions with Rotarex®S:
 The Leipzig experience *B. Freitas*
 09:40 – 10:10 ■ *Live case transmission from Leipzig*
- 10:10 – 10:20 Retrospective analysis of initial results of an atherothrombectomy device in
 patients with acute, subacute, and chronic lower limb artery occlusion *C. Wissgott*
 10:20 – 10:50 ■ *Live case transmission from Leipzig*
- 10:50 – 11:00 Safety, procedural success, and outcomes of the Aspirex® S endovascular
 thrombectomy system in the treatment of iliofemoral deep vein thrombosis:
 data from the Arnsberg Aspirex registry *M. Lichtenberg*

- 11:00 – 12:30** **Endo-vascular transcendence in end stage renal disease**
supported with an educational grant from C. R. BARD
Moderator: D. Scheinert
Panel: T. Steinke, R. Jones, B. Dolmatch, P. Kitrou, R. Ferraresi, R. Shahverdyan
- 11:00 – 11:08 Endovascular therapy first in ESRD *B. Dolmatch*
- 11:08 – 11:16 CLI in ESRD. Upper & lower limb ischemia *R. Ferraresi*
- 11:16 – 11:24 WavelinQ endo-vascular access creation *R. Jones*
- 11:24 – 11:32 Different approaches in WavelinQ endo-vascular access *R. Shahverdyan*
- 11:32 – 11:42 ■ *Recorded case presentation* *R. Shahverdyan*
- 11:42 – 11:52 Treating the dysfunctional AV. From algorithm to Tips & Tricks *P. Kitrou*
- 11:52 – 11:57 Proof is in the evidence *D. Scheinert*
- 11:57 – 12:22 ■ *Live case transmission from Münster*
- 12:22 – 12:30 Discussion and conclusion
- 12:30 – 13:30** **Lunch**
- 13:30 – 15:00** **The last frontiers: Endovascular therapy of the common femoral artery and the popliteal segment**
Moderators: L. Garcia, Y. Gouëffic
Panel: S. Debus, E. Blessing, F. Criado, M. Menard, W. Liang
- 13:30 – 13:35 Long term (10 years) outcomes using VIABAHN for the treatment of PAA
I. Tielliu
- 13:35 – 13:55 ■ *Live case transmission from Leipzig*
- LINC status update: Management of common femoral disease**
- 13:55 – 14:00 Lesions of the CFA: Increasing evidence for endovascular rather than open repair!
M. Malina
- 14:00 – 14:05 I disagree: Surgical reconstruction is still the gold standard
for CFA reconstruction *M. Menard*
- 14:05 – 14:10 Panel discussion and audience vote
- 14:10 – 14:35 ■ *Live case transmission from Bad Krozingen*
- 14:35 – 14:40 Intravascular Lithotripsy as a treatment option for calcified stenosis
of the common femoral artery: initial experiences *E. Blessing*
- 14:40 – 14:45 Directional atherectomy and anti-restenotic therapy for CFA disease
T. Zeller via satellite from Bad Krozingen
- 14:45 – 14:50 2-year outcomes of directional atherectomy and anti-restenotic therapy
in CFA disease *A. Cioppa*
- 14:50 – 14:55 A valuable alternative for CFA endarterectomy? The use of the Supera
vascular mimetic implant for the treatment of atherosclerotic disease
in the CFA: 12-month results of the VMI-CFA study *K. Deloese*
- 14:55 – 15:00 Bifurcation stenting of the common femoral artery – long term follow up
of Supera cases using the Culotte technique *E. Blessing*

- 15:00 – 18:00** **Disruptive treatment approaches and pioneering techniques for patients with vascular disease**
partially supported with an educational grant from Bayer AG
Moderators: W. Gray, S. Debus
Panel: R. Bauersachs, M. Brodmann, G. Adams, R. Varcoe, E. Armstrong
- 15:00 – 15:08** **Focus on innovations in drug therapy**
Understanding the latest evidence with Rivaroxaban vascular dose in PAD treatment *S. Debus*
- 15:08 – 15:16** How can the COMPASS PAD data be applied to daily clinical practice?
R. Bauersachs
- 15:16 – 15:22** **Focus on innovations for vessel preparation**
What lessons have we learned from DEFINITIVE AR *A. Rastan*
- 15:22 – 15:47** ■ *Live case transmission from Münster*
- 15:47 – 15:53** **Focus on innovations in implant technology**
Future of stenting in the current DCB world *K. DeLoose*
- 15:53 – 15:59** Interim 2-year results from the MIMICS-2 study
T. Zeller via satellite from Bad Krozingen
- 15:59 – 16:21** ■ *Live case transmission from Leipzig*
- 16:21 – 16:43** ■ *Live case transmission from Bad Krozingen*
- 16:43 – 16:49** Characterizing the relationship between oxygen measured by subcutaneous microsensors during revascularisation procedures and wound healing in CLI patients *M. Brodmann*
- 16:49 – 16:55** Update on MIMICS-3D: Emerging real world registry data *M. Lichtenberg*
- 16:55 – 17:01** **Focus on innovations for complex femoral lesions – The percutaneous bypass technique**
Taking the scenic route: A complex case from the DETOUR II trial
E. Armstrong
- 17:01 – 17:07** **First time data release:**
Extreme SFA lesions: DETOUR I 12-month results in lesions >30cm *S. Lyden*
- 17:07 – 17:13** Durability of the DETOUR procedure for percutaneous fem-pop bypass: 3-year follow-up from my first case *G. Halena*
- 17:13 – 17:19** **Focus on strategies to optimize assessment of revascularisation results**
Perfusion angiography: towards new standards for optimized treatment outcomes *D. van den Heuvel*
- 17:19 – 17:44** ■ *Live case transmission from Abano Terme*
- 17:44 – 17:50** **Focus on venous disease**
Endovenous Valve Formation (EVF) – an initial report on the human clinical trial of the first non-implantable, endovenous approach to deep vein reflux *R. Varcoe*
- 17:50 – 18:00** Discussion and conclusion

- 08:00 – 09:30** **New insights and current techniques for thoracic endovascular aortic repair (TEVAR)**
Moderators: V. Riambau, G. Torsello
Panel: F. Criado, M. Malina, D. Böckler
- 08:00 – 08:06 Beyond morphology: Bovine arch anatomy, classification, and implications
F. Criado
- 08:06 – 08:12 Extensibility and distensibility of the thoracic aorta in patients with aneurysms *F. Moll*
- 08:12 – 08:42 ■ *Live case transmission from Münster*
- 08:42 – 08:48** **Focus on new devices for TEVAR**
 Treating challenging aortic anatomies. Are new devices the answers to overcoming current limitations? *TBD*
- 08:48 – 08:54 Early insights from the clinical trial for Valiant Navion™: how Medtronic's new low-profile TEVAR device expands therapeutic options *F. Verzini*
- 08:54 – 09:00 RelayPro regeneration trial: Update and launch *R. Giudice*
- 09:00 – 09:06 The value of conformability and control: 18-month of clinical experience in all thoracic etiologies *G. Torsello*
- 09:06 – 09:12 More than 50 cases with CTAG with active control: What did we learn?
D. Böckler
- 09:12 – 09:18 Open conversion after failed TEVAR *R. Chiesa*
- 09:18 – 09:30 Discussion and conclusion
- 09:30 – 11:00** **Management of aortic dissections and pioneering techniques for pathologies of the ascending aorta and the aortic arch**
Moderators: T. Kölbel, F. Veith
Panel: W. Guo, R. Kolvenbach, M. Lachat, R. Chiesa
- 09:30 – 09:36** **Focus on acute aortic syndromes and aortic dissections**
 Update on management of PAU and IMH:
 Lingering doubt and controversies *F. Criado*
- 09:36 – 09:42 Recent evidence surrounding the treatment of patients with Type B dissections *P. Hayes*
- 09:42 – 09:48 Decision process and influencing factors for the treatment of uncomplicated Type B aortic dissection *D. Böckler*
- 09:48 – 09:54 Chronic aortic dissection: When to use FEVAR and when false lumen occlusion techniques *T. Kölbel*
- 09:54 – 10:18 ■ *Live case transmission from Paris*
- 10:18 – 10:24** **Focus on new approaches for the ascending aorta and the arch**
 How to manage aortic arch pathology: open, hybrid, chimney or fenestration *C. Shu*
- 10:24 – 10:30 The current status of endovascular repair of ascending aorta and aortic arch *T. Kölbel*
- 10:30 – 10:36 Ascending aortic remodelling permits TEVAR in most ascending aneurysms
R. Kolvenbach
- 10:36 – 10:42 Comparison of two different techniques of isolated left subclavian artery revascularisation during "Zone 2" thoracic endovascular aortic repair
G. Pratesi
- 10:42 – 10:48 RelayBranch: Expanding TEVAR to a new class of patients *R. Heijmen*
- 10:48 – 10:54 Register study for Zone 0 aortic arch aneurysm with Chimney/Sandwich technique: 8-year follow-up *TBD*
- 10:54 – 11:00 Updated results of the Nexus aortic stentgraft system *M. Lachat*

11:00 – 12:30

Symposium: Active control and conformability: a new portfolio paradigm to advance care

supported with an educational grant from Gore & Associates

Moderator: G. Torsello

Panel: D. Böckler, M. van Sambeek, N. Mosquera

11:00 – 11:05

Introduction

11:05 – 11:15

Benefit of the GORE® ACTIVE CONTROL System for achieving optimal outcomes in complex TEVAR procedures *D. Böckler*

11:15 – 11:25

Controlled conformability to make it possible: European clinical experience with the GORE® EXCLUDER® Conformable AAA Endoprosthesis *M. van Sambeek*

11:25 – 11:50

■ *Recorded case presentation from Eindhoven* *M. van Sambeek*

11:50 – 12:00

Expand the indication for iliac branching: key clinical and technical learning in the bilateral treatment *N. Mosquera*

12:00 – 12:25

■ *Live case transmission from Münster*

12:25 – 12:30

Discussion and conclusion

12:30 – 13:30

Focus session: Pioneering techniques and new concepts for prevention of stroke and paraplegia during EVAR in the thoracic and thoracoabdominal aorta



■ *with Andrej Schmidt live from Leipzig*

Minimally invasive staged segmental artery coil embolisation – step by step

Moderator: V. Riambau

Panel: C. Etz, D. Branzan, M. Jacobs, E. Verhoeven, M. Berger

Staged repair and neuromonitoring during thoracoabdominal aortic repair – is it helpful? *M. Jacobs*

Principle of spinal cord protection in open and endovascular TAA/A repair: from bench to bedside *C. Etz*

Technical aspects and first clinical results of MISACE *D. Branzan*

Stroke in TEVAR: cerebral protection techniques. When and how *T. Kölbel*



- 13:30 – 15:00** **Re-do procedures after EVAR and management of endoleaks**
Moderators: G. Torsello, M. van Sambeek
Panel: T. Larzon, M. Reijnen, R. Ghotbi, S. Seifert
- 13:30 – 13:36 Mechanical characterisation of abdominal aortic aneurysm, using 4D ultrasound *M. van Sambeek*
- 13:36 – 13:42 Interaction of the endograft and the infrarenal neck after EVAR with the Anaconda stent-graft *M. Koenrades*
- 13:42 – 13:48 Proximal extension of disease after FEVAR: frequency and treatment options
E. Verhoeven
- 13:48 – 13:54 Nellix-in-Nellix proximal extensions for late failures *M. Reijnen*
- 13:54 – 14:00 Technical considerations to optimize clinical success with EndoAnchor implants
J.-P. de Vries
- 14:00 – 14:25 ■ *Live case transmission from Münster*
- 14:25 – 14:31 Debunking the publication “predictors of abdominal aortic aneurysm sac enlargement after EVAR”; long-term results from the ENGAGE registry
D. Böckler
- 14:31 – 14:37 Flow-dynamic study for late Type I B endoleaks in thoracic stent-grafts *F. Moll*
- 14:37 – 14:43 What is the clinical significance of Type II endoleaks?
 5-year analysis from the ENGAGE registry *M. Reijnen*
- 14:43 – 14:49 Alternative approach to Type II endoleaks: Transfemoral, para-graft approach
P. Schneider
- 14:49 – 14:55 First clinical results of aneurysm sac filling with polymers *M. Jacobs*
- 14:55 – 15:00 Trouble shooting in iliac side branch failure treatment *S. Seifert*
- 15:00 – 16:00** **Symposium: The freedom to do more in TEVAR:
 New evidence and solutions to improve patient outcomes**
 sponsored by Medtronic
Moderator: D. Böckler
Panel: S. Trimarchi, P. Hayes, F. Verzini, L. Lovato
- 15:00 – 15:08 When and how to perform TEVAR: evidence based insights *S. Trimarchi*
- 15:08 – 15:16 Addressing unmet clinical needs with the new generation Valiant Navion™ device *P. Hayes*
- 15:16 – 15:24 30-day results on the Valiant Navion™ device *F. Verzini*
- 15:24 – 15:49 ■ *Recorded case presentation: Valiant Navion™ device enhancements:
 A case-based approach to Navion's clinical value* *L. Lovato*
- 15:49 – 16:00 Discussion and conclusion

- 16:00 – 18:00** **Latest techniques for endovascular repair of thoracoabdominal aneurysms and consideration for prevention of complications**
Moderators: M. Jacobs, M. Borger
Panel: G. Torsello, E. Verhoeven
- 16:00 – 16:06 State of the art of thoracoabdominal aortic aneurysm open repair *M. Borger*
- 16:06 – 16:12 Reduced morbidity and mortality after staged open repair for thoraco-abdominal aneurysms *M. Jacobs*
- 16:12 – 16:18 Centralization vs. proctoring: Results in about 1.000 fenestrated and branched cases *E. Verhoeven*
- 16:18 – 16:50 ■ *Live case transmission from Paris*
- Focus on side branch technology**
- 16:50 – 16:55 Performance of different bridging stentgrafts in a fenestrated model after flaring. An in vitro study *M. Austermann via satellite from Münster*
- 16:55 – 17:00 Failure modes of visceral branches in EVAR: Implications for branch design
M. Malina
- 17:00 – 17:05 Why is it so important to use the right stent in FEVAR? *A. Prent*
- 17:05 – 17:10 18-month of follow-up on the BeGraft PLUS in BEVAR cases *E. Verhoeven*
- 17:10 – 17:15 Early experience of VBX in branched procedures *G. Torsello*
- 17:15 – 17:23 ■ *Recorded case presentation: Complex FEVAR using Fenestrated Anaconda and RelayPlus* *F. Taher*
- 17:23 – 17:29 Update on the sandwich technique for treating complex TAAAs: Technical tips, precautions, and results *G. Torsello*
- 17:29 – 17:35 Tips and tricks for the percutaneous axillary artery access during complex endovascular aortic procedures *D. Branzan*
- 17:35 – 17:41 Early PS-IDE experience with the off-the-shelf Valiant™ thoracoabdominal device *T. Maldonado*
- 17:41 – 17:47 Inner branches: a third option to address “non-suitable” visceral target vessels in FEVAR/BEVAR. Indication, technique, and limitations *A. Katsargyris*
- 17:47 – 17:52 Should upper extremity access be avoided in BEVAR: when to use deflectable sheaths *T. Kölbl*
- 17:52 – 17:57 Post-implantation inflammatory response after EVAR *E. Debing*
- 17:57 – 18:00 Discussion and conclusion

Program from: Main Arena 2
Audio Channel: 0



BERNARDINI
Live from Leipzig

LINC

Live from Leipzig

E. Armstrong



08:00 – 09:30

CLI and CTO summit – complex aortoiliac and femoral interventions■ with *Sven Bräunlich* live from Leipzig■ with *Thomas Zeller* live from Bad KrozingenModerators: *J. Laird, D.-D. Do*Panel: *S. Sixt, R. Langhoff, B. DeRubertis***Selected abstracts – challenging cases:**Covered Endovascular Reconstruction of Aortic Bifurcation (CERAB-technique) in a case of common iliac artery rupture *M. A. Ruffino*Hybrid surgical treatment of bilateral aorto-femoral occlusion *D. Chernova*The Chimney-CERAB for treatment of acute aortic thrombosis *W. Saengprakai*Ultrasound-guided direct needle engagement for flush-occluded superficial femoral artery *U. Park*Long-term follow-up after retrograde recanalisation of superficial femoral artery chronic total occlusion *S. Bartus*

09:30 – 10:30

Step by step on SFA/pop and other Supera usage technical and practical aspects

supported with an educational grant from Abbott Vascular

Moderator: *J. van den Berg*Panel: *J. Teßarek, S. Thomas, K. Deloose*

09:30 – 09:40

How to perform CFA Supera deployment *K. Deloose*

09:40 – 09:50

How to perform AVF Supera deployment *S. Thomas*

09:50 – 10:00

How to perform subintimal Supera deployment with Presto technique
L. M. Palena

10:00 – 10:10

How to perform Supera popliteal aneurysm deployment *J. Teßarek*

10:10 – 10:30

Discussion and conclusion

10:30 – 12:00

CLI and CTO summit – complex femoral and BTK interventions■ with *Marco Manzi* live from Abano Terme■ with *Andrej Schmidt* live from LeipzigModerators: *A. Micari, J. Mustapha*Panel: *K. Urasawa, C. Metzger*Over 1200 patients treated w/pedal access from primary CTO + CLI in an outpatient setting *J. Melton*Usefulness of ankle block in case of distal puncture for below-the-knee angioplasty *Y. Dannoura***Selected abstracts – challenging cases:**Retrograde transcollateral revascularisation of totally occluded superficial femoral artery *E. Vuruskan*Modified snare-piercing technique for severe calcified superficial femoral artery lesion *K. Tobita*Popliteal artery bifurcation reconstruction by double retrograde access of tibial arteries with kissing balloon technique *S. Orrapin*

13:30 – 17:00

Pioneering techniques for critical limb ischemia and “no-option” patients

■ with Thomas Zeller live from Bad Krozingen

■ with Marco Manzi live from Abano Terme

■ with Andrej Schmidt live from Leipzig

Moderator: G. Biamino

Panel: A. Micari, F. Liistro, K. Katsanos

Angiosomal-guided revascularisation in critical limb ischemia J. Li

Direct revascularisation (DR) to improve wound healing and prevent major amputations in CLI patients with below-the-knee PAD. Case presentations and literature review A. Safar

Percutaneous needle disruption of heavily calcified tibial artery during infrapopliteal angioplasty; personal experience with the PIERCE technique previously described by Sato et al. J. Kim

Central wiring technique is useful for SFA occluded lesions with self ultrasonography guided method H. Takimura

Assisted tibial artery re-entry during SAFARI revascularisation K. Madassery

An endovascular treatment option for end stage desert foot in the setting of rapidly progressing critical limb ischemia by way of deep venous arterialization Z. N'Dandu



- 10:00 – 11:00** **Vascular discussion: indications & evidence based therapies**
sponsored by Medtronic
Moderator: G. Torsello
- 10:00 – 10:15 Unparalleled clinical data outcome from one AAA device and expanded treatment options with approval *D. Böckler*
- 10:15 – 10:30 Early endoluminal treatment in venous ulceration *M. Steinbauer*
- 10:30 – 10:45 Clinical evidence of IN.PACT and opportunities of DAART for the treatment of PAD
M. Bosiers
- 10:45 – 11:00 Clinical evidence of ONYX for the treatment of endoleakages and AVM's
W. Wohlgemuth
- 11:15 – 12:15** **Vessel preparation: What is it and how to achieve best results?**
Moderators: B. deRubertis, S. Kum
Discussants: A. Finn, K. Donas, J. Phillips
- Vessel preparation with plain balloons – the role of sizing and dilatation time
F. Liistro
- Scoring balloons and high pressure dilatation with non-compliant balloons – How I do it *S. Kum*
- Vascular calcification in peripheral arteries: Implications for device design and procedural success *A. Finn*
- The use of orbital atherectomy and Intravascular Lithotripsy in fem-pop disease – What is the concept and how to best select the cases? *J. Phillips*
- Directional atherectomy – what is the best technique and how to avoid complications? *K. Donas*
- The importance of vessel preparation prior to stenting *B. DeRubertis*

15:00 – 16:00

**VIVA@LINC: Strategies on the frontline –
Illustrative cases with step-by-step approach
Venous disease, unsolved problems, and opportunities**



Moderator: J. Laird

Discussants: C. Metzger, S. Lyden, G. O'Sullivan

State-of-the-art in deep venous stenting *C. Metzger*

Vena cava filters – how to optimize treatment strategy *S. Lyden*

Trends in managing massive and submassive pulmonary embolus:

How to intervene *C. Metzger*

Managing acute DVT: which tool to use and why and how to combine them
G. O'Sullivan

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



| | |
|---------------|---|
| 09:00 – 11:00 | Global expert exchange: Selected challenging cases – PVD <i>Moderators: G. Biamino, R. Varcoe</i> <i>Panel: P. Huppert</i> |
| 09:00 – 09:05 | A case of Leriche syndrome after axillo-femoral bypass failure which was difficult to distal embolism <i>N. Hayakawa</i> |
| 09:05 – 09:10 | Bilateral iliac artery intervention in Takayasu's arteritis <i>M. Ansari</i> |
| 09:10 – 09:15 | Pieces and parts: Use of the Gore Excluder, Iliac Branched Endoprosthesis, and VBX balloon expandable stent grafts for the treatment of aorto-iliac occlusive disease <i>E. Moore</i> |
| 09:15 – 09:20 | The effect of directional atherectomy +DCB in TASC C&D femoro-popliteal lesions <i>D. Zhang</i> |
| 09:20 – 09:25 | Could we use atherectomy device at common femoral artery <i>L. Chang Hoon</i> |
| 09:25 – 09:30 | Endovascular interventions after open surgery of the arteries of the lower extremities <i>Z. A. Kavteladze</i> |
| 09:30 – 09:35 | Comparison of Angiographic dissection patterns caused by Long vs. short balloons during balloon angioplasty for chronic femoropopliteal occlusions <i>M. Tan</i> |
| 09:35 – 09:40 | Complex intervention to a chronic totally occluded TP Trunk and peroneal artery, with intervention to the popliteal artery and SFA requiring supra placement <i>P. Farrugia</i> |
| 09:40 – 09:45 | Use of adjunct laser therapy for the treatment of femoropopliteal instent restenosis – A safety and efficacy analysis <i>M. Ansari</i> |
| 09:45 – 09:50 | Unique treatment of popliteal aneurysm with kissing interwoven nitinol stents <i>G. Chrysant</i> |
| 09:50 – 09:55 | RE CROSS technique: revascularisation by crushing chronically occluded stents <i>J. Rollo</i> |
| 09:55 – 10:00 | Endovascular management of traumatic vascular injury in lower extremities <i>C.-W. Kim</i> |
| 10:00 – 10:05 | Modern lower extremity revascularisation: adapting skill sets from dialysis access thrombectomy <i>M. Goldberg</i> |
| 10:05 – 10:10 | Argentinean registry for endovascular treatment in lower limbs "RADAMI" <i>A. P. Mollon</i> |
| 10:10 – 10:15 | The trials and tribulations of hawking in the tibials <i>V. Puttaswamy</i> |
| 10:15 – 10:20 | Strategy of EVT for calcified below-the-knee lesions in our hospital <i>Y. Dannoura</i> |
| 10:20 – 10:25 | Limb salvage at all costs: How do you leverage all of the tools in your tool box <i>G. Papia</i> |
| 10:25 – 11:00 | Discussion and conclusion |

- 11:00 – 12:30** **Special course for nurses, technicians, and fellows**
Current concepts and new approaches in endovascular interventions
Step-by-step review of techniques and data by leading interventional experts
Moderators: U. Teichgräber, T. Kölbel
- 11:00 – 11:08** **Focus on carotid stenting and embolization therapies**
 Carotid artery stenosis – diagnostic approach and indication for treatment
T. Wittig
- 11:08 – 11:16** Carotid artery stenting – latest technologies *R. Langhoff*
- 11:16 – 11:24** Principles of coil embolization for bleeding, endoleaks, and beyond
T. O. Petersen
- 11:24 – 11:32** Interventional tumor therapy: what is available and how does it work?
M. Moche
- 11:32 – 11:40** New applications for embolization therapies *M. Pech*
- 11:40 – 11:48** **Focus on endovascular aortic repair**
 Endovascular aortic repair of infrarenal aortic and iliac aneurysms –
 from imaging to implantation *D. Branzan*
- 11:48 – 11:56** The role of 2D and 3D fusion imaging for reconstruction of complex aortic
 pathologies *G. F. Torsello*
- 11:56 – 12:04** Branched and fenestrated grafts – When and how to use? *E. Verhoeven*
- 12:04 – 12:12** Endovascular treatment of aortic dissections *M. Malina*
- 12:12 – 12:20** Glimpse into the future: Endovascular treatment of the aortic arch
 and the ascending aorta *T. Kölbel*
- 12:20 – 12:28** The percutaneous approach: What do we need to know about different
 access sites? *D. Branzan*
- 12:28 – 12:30** Discussion and conclusion



- 13:30 – 15:00 **Special course for nurses, technicians, and fellows**
Current concepts and new approaches in endovascular interventions
Step-by-step review of techniques and data by leading interventional experts
Moderators: S. Steiner, M. Werner
- Focus on peripheral arterial interventions**
- 13:30 – 13:38 New approaches to measure perfusion after recanalisation in CLI procedures
M. Montero-Baker
- 13:38 – 13:46 A review of atherectomy devices: What works best in which lesion
C. Metzger
- 13:46 – 13:54 Radiation protection – what is new *A. Gangl*
- 13:54 – 14:02 Latest data in the field of drug-eluting therapies: What is the current status?
S. Steiner
- 14:02 – 14:10 The retrograde approach – when and how to do it *M. Werner*
- 14:10 – 14:18 What is Intravascular Lithotripsy and when to use it *M. Brodmann*
- 14:18 – 14:26 New hope for end-stage CLI patients: The concept of deep venous arterialization *S. Kum*
- Focus on venous interventions and AV-access**
- 14:26 – 14:34 Iliac vein recanalizations: Indication, techniques, and outcome *O. Schlager*
- 14:34 – 14:42 Endoluminal treatment of varicose veins *A. Lukhaup*
- 14:42 – 14:50 Percutaneous creation of AV-fistula – initial experience *T. Bisdas*
- 14:50 – 15:00 Discussion and conclusion

5

Global Expert Exchange Forum



NC TOWN



- 10:30 – 12:30 Challenging cases and complications – PVD femoral/BTK**
Moderator: S. Lyden
Panel: J. Balzer
- 10:30 – 10:35 Percutaneous mechanical stent thrombectomy used as therapy for acute limb ischemia *I. Semin*
- 10:35 – 10:40 Treatment of calcified common and superficial femoral artery stenoses with retrograde atherectomy and dcB under protection of antegradely delivered anti-embolic filter in a patient with kissing iliac stents *E. Vuruskan*
- 10:40 – 10:45 Body flossing technique the extremely helpful option *M. Salah*
- 10:45 – 10:50 How to use a wire to capture a missed wire? *M. Alsharif*
- 10:50 – 10:55 Zero-contract atherectomy of femoropopliteal lesions *T. Bisdas*
- 10:55 – 11:00 Novel approach to popliteal occlusive disease *G. Chrysant*
- 11:00 – 11:05 The combined use of an excimer laser and rotational atherectomy to overcome a severely calcified lesion bouncing any other devices back *K. Nakabayashi*
- 11:05 – 11:10 Peripheral arteries hybrid surgery in high-risk patients *N. Zherdev*
- 11:10 – 11:15 Midterm outcomes of percutaneous bypass for very long femoropopliteal occlusion *V. Suwanruangsri*
- 11:15 – 11:20 Endovascular treatment for critical lower limb ischemia caused by giant cell arteritis *R. McLachlan*
- 11:20 – 11:25 Case report of persistent sciatic artery *M. Ismail*
- 11:25 – 11:30 Transcatheter arterial embolization for intercostal pseudoaneurysm, which was causing haemothorax after lobectomy *T. Gonzalez de la Huebra Labrador*
- 11:30 – 11:35 Retrieval of retained scoring balloon after angioplasty with endoscopic forceps: a case report of an elderly lady with below the knee angioplasty for critical limb ischaemia *H. Ka Ki Isabelle*
- 11:35 – 11:40 Hand salvage through catheter directed thrombolysis with Inj.rt-PA (Retepase & Heparin) and drug coated balloon angioplasty for atheromatous plaques *M. Tarte*
- 11:40 – 11:45 CLI and multilevel disease *A. P. Mollon*
- 11:45 – 11:50 Efficacy and safety of EVT by diluted contrast angioplasty for CKD patients *N. Hayakawa*
- 11:50 – 11:55 EKOS utilisation in a case of acute craft occlusion causing acute limb ischemia *M. Ansari*
- 11:55 – 12:00 Intentional wire manipulation with IVUS guidance is only reliable method for antegrade approach in CTO *T. Tsuda*
- 12:00 – 12:05 Angiosome directed revascularisation using drug eluting balloons and stents is safe and offers the best limb salvage rates *K. Garg*
- 12:05 – 12:10 How to create a critical limb ischemia team to reduce amputation in underserved areas *Z. N'Dandu*
- 12:10 – 12:30 Discussion

- 12:30 – 13:30 Innovation forum – PVD-general**
Moderator: G. Adams
Panel: K. Katsanos
- 12:30 – 12:35 Homemade device to facilitate wire threading of low profile catheters
M. Lobato
- 12:35 – 12:40 Practical experience with the Renal Guard system *M. Mende*
- 12:40 – 12:45 XO score: a novel scoring sheath for treatment of complex lesions and BTK CTOs *G. Adams*
- 12:45 – 12:50 Real-time display of regions of interest with future event risk in angioscopic images using deep machine learning on mobile AI devices in patients with PAD
N. Miyagi
- 12:50 – 12:55 Impact of calcification modeling and planning circles with fusion imaging for the chronic total occlusion of iliac and femoro-popliteal arteries *N. Louis*
- 12:55 – 13:00 A 3D gluteal artery model poured in silicone to facilitate gluteal artery puncture and training *P. Rynio*
- 13:00 – 13:30 Discussion
- 13:30 – 14:30 Innovation forum – PVD-SFA/BTK**
Moderator: J. Mustapha
Panel: M. Montero-Baker
- 13:30 – 13:35 Totally percutaneous fem-pop bypass: the best of the two worlds *P. Sarradon*
- 13:35 – 13:40 Next generation of DCB: Efficacy and tolerance of drug-coated hyper-compliant balloons (DCHCB) in peripheral arteries of swine *M. Kusmierczuk*
- 13:40 – 13:45 Vascular responses and drug transfer upon treatment with the Reflow Temporary Spur Stent System *N. Brunacci*
- 13:45 – 13:50 Animal safety study for the SoundBite™ Active Wire *M. Brouillette*
- 13:50 – 13:55 The results of a 40 patient cohort at a single center with the DABRA atherectomy system *A. Kondur*
- 13:55 – 14:00 Characterization of subcutaneous oxygen microsensors in healthy volunteers: in vivo evidence of a tool for future management of CLI patients *P. Schneider*
- 14:00 – 14:05 Intra-sensor analysis of subcutaneous oxygen microsensors reveal heterogeneous reperfusion response during revascularisation procedures for CLI patients *M. Montero-Baker*
- 14:05 – 14:10 Virtual partial foot amputation based on finite element analysis *V. Lain*
- 14:10 – 14:15 Totally percutaneous deep foot veins arterialization. Single centre experience
B. Migliara
- 14:15 – 14:20 New technique to facilitate percutaneous venous arterialization in patients with no-option critical limb ischemia *A. Ysa*
- 14:20 – 14:30 Discussion

- 09:30 – 11:30 Challenging cases and complications – EVAR general/infrarenal**
Moderator: F. Moll
Panel: S. Botsios, F. Vermassen
- 09:30 – 09:35 Could EVAR be done without preoperative Duplex,CT or IVUS in patient with border line renal function? *M. Haggag*
- 09:35 – 09:40 Direct ultrasound guided anterior puncture of the aneurysmal sac for embolization of enlarging Internal iliac artery aneurysm in association with a Type II endoleak *A. Eleshra*
- 09:40 – 09:45 CHEVAS technique: challenging case of a pseudoaneurysm rupture in the proximal abdominal aortic anastomosis *P. Scrivere*
- 09:45 – 09:50 A case of trapped VIABAHN string in the AFX skeleton successfully bailed out using laparoscopic scissors *T. Sato*
- 09:50 – 09:55 Endovascular treatment of hypogastric artery aneurysm using an internal branch device *G. Gemayel*
- 09:55 – 10:00 Exclusion of a large ruptured femoral artery aneurysm with two endoprothesis outside the “instructions for use” *M. Correia*
- 10:00 – 10:05 Indication for inferior mesenteric artery chimney procedure: Synchronous AAA, mesenteric ischemia and aortoiliac occlusive disease *C. Anastasiadou*
- 10:05 – 10:10 Endovascular treatment, in addition to anticoagulation, is recommended in patients with symptomatic mobile intraaortic thrombus *J. Ebaugh*
- 10:10 – 10:15 Long-term complications after an endovascular repair of a polianeurysmatic dystrophy *R. Pérez López*
- 10:15 – 10:20 Uncommon complications leading to conversion after EVAR *C. Anastasiadou*
- 10:20 – 10:25 Parallel stent graft technique to rescue an accidental coverage of superior mesenteric artery during endovascular treatment of a dissecting AAA *J. Wang*
- 10:25 – 10:30 Management of uncommon type of endoleak after EVAR *J. Y. Won*
- 10:30 – 10:35 Transcaval sac puncture – the first choice in the treatment of Type II endoleaks with aortic sac enlargement *E. Moore*
- 10:35 – 10:40 Graft infection with a large retroperitoneal abscess after EVAR, a case report *Y. Jiao*
- 10:40 – 10:45 Patient-tailored strategies for hostile iliac artery during EVAR *J.-H. Joh*
- 10:45 – 10:50 Failure to regress: A new metric for aneurysm surveillance following EVAR *V. Patel*
- 10:50 – 10:55 Unusual case of rhabdomyolysis after endovascular aneurysm repair *J. Kim*
- 10:55 – 11:00 Endovascular management of AAA post Aorto Bi femoral bypass graft *M. Shehata*
- 11:00 – 11:05 Coarctation of the abdominal aorta: endovascular treatment with bare CP stent *M. Voos Budal Arins*
- 11:05 – 11:10 Combined EVAR and a covered stent in the iliac veins for the treatment of right common iliac artery aneurysm with arteriovenous fistula to the right common iliac vein *W. Saengprakai*
- 11:10 – 11:15 Endovascular repair of abdominal aortic aneurysms associated to total iliac axis occlusion using bifurcated endografts *S. Busto Suárez*
- 11:15 – 11:20 Late development of severe periaortic inflammation and retroperitoneal fibrosis (Ormonds disease) after routine-EVAR resulting in hydronephrosis and renal failure – case report and literature review *G. Rothenbacher*
- 11:20 – 11:25 Fusion Image Laser Fenestration In Situ (FIL&FIS) for endovascular repair of Type 1A endoleak *M. Majewski*
- 11:25 – 11:30 A fuming case: CHEVAR for impending juxtarenal aortic aneurysm rupture *R. Ruz*

- 12:30 – 13:45 Innovation forum – EVAR**
Moderator: W. Guo
Panel: N. Mosquera
- 12:30 – 12:35 Extend Petticoat strategy in difussed (DeBakey III) aortic dissection Type B.
 New strategy to stop aneurysmatic degeneration *A. Kazimierczak*
- 12:35 – 12:40 Bikini stents for anatomically challenging cases of sacular aneurysms
M. Shehata
- 12:40 – 12:45 A new fully automated imaging software to characterize abdominal aortic
 aneurysms properties *F. Lareyre*
- 12:45 – 12:50 A template to create physician modified stent-graft: 3D printed aortic replica
P. Rynio
- 12:50 – 12:55 Matching analysis between classic and arch first technique
 in frozen elephant trunk for aortic arch repair *A. Grandi*
- 12:55 – 13:00 The AORTIST cloud platform: a deep learning based clinical decision support
 system for thoracic endovascular aortic repair (TEVAR) *W. Guo*
- 13:00 – 13:05 Real time evaluation of flow patterns of AAA depending on intra-aneurysmal
 thrombosis using AneurysmFlow *J. Y. Kim*
- 13:05 – 13:10 In situ laser-assisted fenestration of aortic stentgraft (ISLAS) using
 CTA image fusion guidance for endovascular repair of complex aortic aneurysm:
 safety, feasibility and effectiveness *P. Desgranges*
- 13:10 – 13:15 Augmented reality to facilitate endovascular aortic repair *P. Rynio*
- 13:15 – 13:20 The use of CO2-angiography and vessel navigator technology decreases
 iodinated contrast medium amount during FEVAR *A. Vacirca*
- 13:20 – 13:25 Preliminary results of expanding indications for treatment with standard EVAR
 in patients with challenging anatomies, a multi-centric prospective evaluation
 (EXTREME) study *P. Sirignano*
- 13:25 – 13:30 3D aortic model to facilitate urgent endovascular treatment of para-visceral
 aortic pathologies using physician-modified stent-grafts *D. Branzan*
- 13:30 – 13:35 The FDA limitation: Innovative solutions for treating complex aortic pathology
 in the United States *J. Stern*
- 13:35 – 13:45 Discussion

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

09:00 – 13:00

Critical issues and pioneering solutions in aortic endografting

■ *with Martin Austermann live from Münster*

Moderator: M. Malina

Panel: M. van Sambeek, T. Larzon, O. Richter, F. Veith

Treatment of ruptured aortic aneurysms – surgery vs. EVAR *M. van Sambeek*
 Why the randomized trials comparing EVAR with open repair for ruptured AAAs are misleading and not generally applicable *F. Veith*

With adjuncts (Chimney grafts and Onyx) 100% of RAAAs can be treated by EVAR with low 30-day mortality and turn down rate *T. Larzon*

R-EVAR is it feasible, how to deal with abdominal compartmental syndrome, pros and cons *M. Ismail*

Leaking huge AAA and bilateral iliac aneurysms. How vascular plugs help to save life during emergency EVAR *M. Haggag*

Physician modified endograft (PMEG) for EVAR *T. Lee*

Urgent endovascular treatment of left uretero-iliac fistula in patient with radical cystectomy and ileal conduit urinary diversion *S. Estebanez*

An expansion of EVAR by EVAS: a possibility in emergencies *M. Terzibaschian*

Management of infected aneurysms and grafts *O. Richter*

A successful treatment of an infected saccular aortic aneurysm (PAU)

by Chimney-EVAS: Case report *S. Goulas*

Tips and tricks for obtaining supraceliac aortic control with EVAR for ruptured AAAs: it is not simple *F. Veith*

Trouble shooting and bail-out in FEVAR/BEVAR *E. Verhoeven*

Nobilizing the chEVAR experience through standardization;

How a standard approach improves patient outcomes *P. Holt*

Emergent use of an arch branch device to treat an ascending aortic rupture with use of a branch-to-branch through-and-through wire *A. Eleshra*

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*

Moderator: G. Biamino

Panel: K. Amendt, H. Krankenberg, D.-D. Do

Announcement of the winners of the LINC 2019 poster award

Endovascular treatment of a tracheo-carotid artery fistula (TCAF) through a covered stent placement in the common carotid artery (CCA) *M. A. Ruffino*

Massive bleeding through tracheostomy site controlled by double and parallel covered stent insertion *I. Casella*

The most severe distal emboli of endovascular treatment for iliac and superficial femoral artery we experienced *K. Fukai*



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

- 13:00 – 14:45** **Moderated poster round in front of Main arena 1**
Jurors: H. Jalaie, S. Black
- Challenging cases: Iliac, venous**
- 13:00 – 13:05 The challenging procedure of complex AIOD with newly iliac covered stent
M. Fujihara
- 13:05 – 13:10 Successful endovascular treatment of a rigid patient with Leriche syndrome
B.-H. Jong
- 13:10 – 13:15 Successful hybrid revascularisation in TASC D AIOD aortic occlusion plus bilateral iliac artery occlusion by applying CERAB concept *J. Cheewinmethasiri*
- 13:15 – 13:20 Primary stenting for chronically occluded abdominal aorta in a high-risk patient
M. Voos Budal Arins
- 13:20 – 13:25 Open repair of asymptomatic iliac pseudoaneurysm: a late complication after of the implantation of common iliac artery stent *N. M. Coraizaca Chicaiza*
- 13:25 – 13:30 “Crush Stenting” a new approach to treat occluded iliac stent *M. Ben Mrad*
- 13:30 – 13:35 Endovascular treatment of a iatrogenic iliac arteriovenous fistula *G. D’Arrigo*
- 13:35 – 13:40 Compression of the left common iliac vein by the right common iliac artery at the end of gestation *J. Silva*
- 13:40 – 13:45 Successful single session treatment of massive left-side iliofemoral deep vein thrombosis in May-Thurner syndrome *J.-W. Lee*
- 13:45 – 13:50 Popliteal vein compression is it a main cause of DVT? *M. Nagib*
- 13:50 – 13:55 Stenosis of the brachiocephalic vein and percutaneous thoracic thrombectomy with Thrombectomy system– case report *E. Swiecka*
- 13:55 – 14:00 Giant femoral artery pseudoaneurysm associated with arteriovenous fistula following shotgun injury with multiple complications *A. Sarookhani*
- 14:00 – 14:05 Endovascular recanalisation of extensive chronic total femoro-ilio-caval occlusion in a persistent bilateral venous ulcers *O. Mahmoud*
- 14:05 – 14:10 Combined role of endovenous laser ablation, inj.ethanol embolisation & foam sclerotherapy in the treatment of congenital venous malformations (K-T Syndrome) cases *M. Tarte*
- 14:10 – 14:15 Early results of venous stenting when there are no healthy landing zones in thrombophilic patient *A. Elnaggar*
- 14:15 – 14:20 May Thurner syndrome and left labial varices *N. Algharem*
- 14:20 – 14:25 The role of 3D venous angiography and IVUS in diagnostic and treatment decision in May-Thurner syndrome *S. Franco*
- 14:25 – 14:30 Sudden rapid progressive venous gangrene in upper limb with 2 years well functioning AV access *E. Elashaal*
- 14:30 – 14:35 Endovascular treatment of post thrombotic syndrome in the left inferior vena cava *I. Tavares*
- 14:35 – 14:40 A successful intervention for venous thrombosis and pulmonary embolization with anti-thrombin deficiency *H. Miyashita*
- 14:40 – 14:45 Iliofemoral venous stenting for patients with chronic post-thrombotic venous occlusive disease *A. Salem*

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

15:00 – 16:35

Moderated poster round in front of Main arena 1

Jurors: R. Jones, R. de Graaf

Original research: AV-access, iliac, venous, and miscellaneous

15:00 – 15:05

Safety and efficacy of covered endovascular reconstruction of the aortic bifurcation (CERAB) technique for complex aortoiliac occlusive disease: a single center experience *S. Molinaro*

15:05 – 15:10

Time differentiation based image enhancement algorithms for kinetic imaging
D. Szollosi

15:10 – 15:15

6-month result from a double-blinded randomised control trial for DCB vs. plain balloon angioplasty for dysfunctional vascular access *Y. C. S. Pang*

15:15 – 15:20

Longevity and infection free survival of permicath *M. Ismail*

15:20 – 15:25

Permeability of viabahn covered stent in native fistulas for hemodialysis: does puncture influence its permeability? *P. B. García Jurado*

15:25 – 15:30

Vein suturless anastomosis in vascular access graft *M. Franchin*

15:30 – 15:35

Catheter directed thrombolytic therapy complemented by ECMO:

Treatment of massive pulmonary embolism with cardiac arrest *M. Dumantepe*

15:35 – 15:40

Long term follow up after endovenous thermal ablation and open surgery of varicose veins *B. Cucuruz*

15:40 – 15:45

12-month clinical outcome of a novel rheolytic directional thrombectomy technique for patients with iliofemoral deep vein thrombosis *T. Sebastian*

15:45 – 15:50

Chronic post-thrombotic syndrome – can direct CTV be helpful in predicting inflow for venous reconstruction? *A. Coelho*

15:50 – 15:55

Popliteal vein entrapment as the cause of varicose veins *A. Senol*

15:55 – 16:00

Catheter directed thrombolysis as a primary choice in the management of acute iliofemoral deep venous thrombosis *A. Salem*

16:00 – 16:05

Comparative study between conventional surgery and radiofrequency ablation in treatment of varicose vein *M. Ismail*

16:05 – 16:10

Surfacar system post-market, international registry demonstrates safe and effective performance *T. Steinke*

16:10 – 16:15

Endovascular management of arteriovenous malformation: Tips & tricks
H. Sharafeldin

16:15 – 16:20

Early results of a randomised clinical trial of mechanochemical ablation vs. cyanoacrylate adhesive for the treatment of varicose veins (MOCCA)

A. Belramman

16:20 – 16:25

Novel compliant stent with specific design for truncular venous malformations: results of a porcine model study *P. Veroux*

16:25 – 16:30

Thrombectomy devices in the treatment of massive acute pulmonary embolism: initial single center experience with aspirex and novel technique through jugular access *B. Freitas*

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

- 09:00 – 10:30** **Moderated poster round in front of Main arena 1**
Jurors: S. Nikol, P. Huppert
- Original research: PVD**
- 09:00 – 09:05 The impact of BMI on mid-term clinical and limb outcome in patients with peripheral artery disease after endovascular treatment *H. Won*
- 09:05 – 09:10 2-year outcomes of orbital atherectomy treatment in symptomatic peripheral artery disease patients: sub-analysis of the LIBERTY 360 study *G. Adams*
- 09:10 – 09:15 The impact of calcium score of femoropopliteal artery after endovascular treatment *T. Tokuda*
- 09:15 – 09:20 Clinical impact of ankle-brachial index improvement after endovascular therapy for peripheral arterial disease *T. Katsuki*
- 09:20 – 09:25 Beyond tip stiffness: flexural rigidity distributions of guidewires and specialty devices *M. Brouillette*
- 09:25 – 09:30 VITAE registry: vascular access Indigo CatD Thrombo Aspiration registry *M. A. Ruffino*
- 09:30 – 09:35 Mechanical thrombectomy with ANGIOJET system in patients with lower limb bypass occlusion *I. Domínguez*
- 09:35 – 09:40 New scoring model to assess lesions involving the common femoral artery: its relation to the stage of ischemia and revascularisation method *A. Baryshnikov*
- 09:40 – 09:45 Retrograde use of the outback re-entry catheter in complex infrainguinal arterial recanalisation *L. Patrone*
- 09:45 – 09:50 Impaired glucose tolerance is associated with severity of peripheral artery disease *M. M. Can*
- 09:50 – 09:55 Aspiration thrombectomy for acute limb ischemia: a single center experience *S. Molinaro*
- 09:55 – 10:00 Routine vs. selective completion angiogram after thrombo-embolctmoy in the management of acute lower limb ischemia *A. Elsafie*
- 10:00 – 10:05 Non-ambulatory state among hemodialysis patients is associates with mortality and lower limb events: Insights from PREDICT study *T. Sakai*
- 10:05 – 10:10 Relationship between FeDCLIP score and patency in PAD patients by using DES or BMS with Cilostazol for femoropopliteal lesions *T. Mochidome*
- 10:10 – 10:15 Can a single centre conduct a clinical trial in lower limb endovascular intervention? *C. Wang*
- 10:15 – 10:20 Platelet function in patients undergoing peripheral angioplasty *G. Borowski*
- 10:20 – 10:25 Short-term outcomes of supervised exercise training in patients with peripheral artery disease and intermittent claudication *D. Kretzschmar*
- 10:25 – 10:30 Acute limb ischemia in patients with neoplastic disease *A. Argyriou*

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

11:00 – 11:35

Moderated poster round in front of Main arena 1

Jurors: J. Mustapha, M. Menard

Original research and challenging cases: BTK, CLI

11:00 – 11:10

Further risk stratification by systemic factors in Wifl (Wound, Ischemia, and foot Infection classification system) stage 4 but not in stage 1–3 in chronic limb-threatening ischemia *Y. Hata*

11:05 – 11:15

Critical Limb Ischemia. 4 years of limb salvage in Hospital México, San José, Costa Rica *J. Chavarría*

11:10 – 11:20

Impact of full-cover stenting in femoropopliteal lesions on time to wound healing in patients with critical limb ischemia *T. Shimada*

11:15 – 11:25

Challenging below-the-knee occlusive disease – tackled with SAFARI, CART, and finally DES *J. Chua*

11:20 – 11:30

Posterior tibial vein arterialization for salvage of critical ischemic threatened limb *A. Elnaggar*

11:25 – 11:35

Using novel, reinforced, metal-tipped microcatheter for crossing multiple challenging infrapopliteal CTOs *E. Ivan*

11:30 – 11:40

Rare case of very young critical limbs ischemia *K. Tobita*

**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: G. Blamino, D.-D. Do
- Challenging cases: PVD, SFA**
- 13:00 – 13:05 Stent-graft treatment of iliac artery perforations *S. Papoyan*
13:05 – 13:10 Distal embolization at the below knee and common femoral artery.
Endovascular management *C. Martinez*
- 13:10 – 13:15 Revascularisation of concomitant external iliac and superficial femoral artery
occlusion in the same session *S. Öztürk*
- 13:15 – 13:20 Endovascular treatment of popliteal thrombosis secondary to supra stent fracture
L. Fidalgo Domingos
- 13:20 – 13:25 Creation and management of AVF during complex peripheral revascularisation
C. Martinez
- 13:25 – 13:30 Perforation of the popliteal artery after rotational atherectomy for severe calcified
occlusive lesion: Report of a rare case *Y. S. Yoo*
- 13:30 – 13:35 Untraditional management of iatrogenic Avf of the popliteal and infra popliteal
vessels *M. Shehata*
- 13:35 – 13:40 Common femoral artery percutaneous angioplasty with drug eluting balloon
for closure device induced stenosis *A. Kerzmann*
- 13:40 – 13:45 Retrograde recanalization of distal SFA total occlusion through an occluded
femoro-popliteal autovenous bypass *D. Nikolov*
- 13:45 – 13:50 Complex chronic thrombotic occlusion in a popliteal supra fracture:
complex solution with Rotarex, Viabahn and open surgery *B. Freitas*
- 13:50 – 13:55 Arterial spasm could be a cause of Burger disease *H. Araki*
13:55 – 14:00 The triple aim? A case of multiple simultaneous arterial and venous thrombi *E. Ivan*
- 14:00 – 14:05 Severe bilateral upper extremities ischemia: think ergotism *J. Miara Lopez*
14:05 – 14:10 Hybrid technique for management of acute upper limb ischemia post radiation
M. Shehata
- 14:10 – 14:15 A successful case of catheter-directed thrombolysis and staged stenting in
a super-elderly patient with acute limb ischemia complicated with CKD *T. Kido*
- 14:15 – 14:20 The appearance of a new lesion, which is not predictable by pre-procedural
angiography, distal to the implanted stent in the stenting of the lesion in the POPA
J. Kikuchi
- 14:20 – 14:25 A case with blunt occlusive traumatic injury in the popliteal artery
who underwent successful revascularisation using stent graft and distal puncture
M. Kimura
- 14:25 – 14:30 Spot stenting in patients with critical limb ischemia:
Clinical experience from a Polish perspective *R. Proczka*

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

15:00 – 16:00

Moderated poster round in front of Main arena 1

Jurors: F. Vermassen, S. Sixt

Original research: SFA

15:00 – 15:05

Impact of prolonged inflation times during plain balloon angioplasty on angiographic dissection in femoropopliteal lesions *K. Horie*

15:05 – 15:10

Outcomes of atherectomy combined drug-coated balloons vs. atherectomy combined with plain balloons in femoropopliteal artery disease *Y.-G. Ko*

15:10 – 15:15

Comparison of ante- vs. retrograde access for the endovascular treatment of long and calcified femoropopliteal occlusive lesions *S. Giusca*

15:15 – 15:20

The Australian experience of a self-expanding nitinol stent over 24-month *C. Wang*

15:20 – 15:25

Treatment of flush superficial femoral artery occlusion with ipsilateral antegrade common femoral artery access *A. Aborahma*

15:25 – 15:30

T.I.N.T.I.N. trial: Investigating the safety and efficacy of the treatment with the LumINor DCB and The IvolutioN stent of iVascular in TASC C and D – preliminary 6-month outcomes *K. Deloose*

15:30 – 15:35

Efficacy of drug-eluting stents ELUVIA in treatment of high grade of femoropopliteal lesions *A. Pellegrin*

15:35 – 15:40

Retrograde approach for challenging occlusions of the superficial femoral artery *A. Aborahma*

15:40 – 15:45

Comparison of clinical outcome between patient with and without hemodialysis following endovascular treatment with Heparin-Bonded covered stent *H. Miyashita*

15:45 – 15:50

Endovascular treatment of long superficial femoral artery-chronic total occlusions using a Gogo catheter with IVUS via a popliteal puncture (GIP) method is effective, safe, and useful *S. Nakamura*

15:50 – 15:55

Popliteal Artery Entrapment syndrome, a clinical analysis of 12 cases *Y. Hao*

15:55 – 16:00

Long term follow-up of the endovascular treatment of stenotic and/or occlusive femoral arterial lesions *G. Varetto*

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

09:00 – 09:45

Moderated poster round in front of Main arena 1

Jurors: M. van Sambeek, N. Mosquera

Challenging cases: EVAR (part I)

09:00 – 09:05

Type 3B endoleak following TEVAR for mycotic aneurysm *S. Chulsky*

09:05 – 09:10

Rupture of thoracoabdominal aneurysm between two-staged endovascular repair
V. E. Garcia Blanco

09:10 – 09:15

Endovascular repair of a challenging isolated right common iliac artery aneurysm,
a new modified technique *A. Farghaly*

09:15 – 09:20

Endovascular aortic repair in a patient with giant abdominal aortic aneurysm
and high risk of endoleak I *K. Zvereva*

09:20 – 09:35

IBD experience in multiple bilateral iliac artery aneurysms combined with small AAA
D. Hwang

09:25 – 09:30

Bending the rules can lead to leg pain, a case of ALI after EVAR *P. E. Samonte*

09:30 – 09:35

Open repair for abdominal aortic aneurysm rupture post Type II endoleak *C. Wang*

09:35 – 09:40

Combined TEVAR and EVAR to treat thoracic Type I B endoleak and infrarenal AAA
N. Elaskary

09:40 – 09:45

Internal carotid artery preocclusive stenosis, large PAU of zone 2 of the arch and AAA:
is simultaneous endovascular procedure feasible? *M. Zamboni*

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

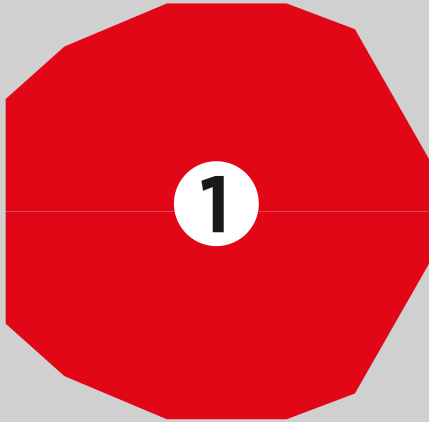
- 11:00 – 12:15** **Moderated poster round in front of Main arena 1**
Juror: T. Larzon, R. Chiesa
- Challenging cases: EVAR (part II)**
- 11:00 – 11:05 A successful EVT to abdominal aortic stenosis with severe calcification
S. Tsuda
- 11:05 – 11:10 Bilateral common and internal iliac artery aneurysms treated
with Amplatzer vascular plug *C. Anastasiadou*
- 11:10 – 11:15 Tips and tricks in ChEVAR, steps for successful outcome *S. Koussayer*
- 11:15 – 11:20 Case report of testicular ischemia post EVAR *M. Ismail*
- 11:20 – 11:25 Saving inferior mesenteric artery with parallel stent grafts *V. Cvetic*
- 11:25 – 11:30 A ruptured case of post EVAR endoleak Type 5 or 2?
Sometimes it is very hard to tell *G. Eldem*
- 11:30 – 11:35 Multiple Type III B endoleaks in a fourth generation graft *C. Wang*
- 11:35 – 11:40 Treatment of common iliac aneurism with afx endologix fenestrate prosthesis
for internal ilíaca arteria and stent solaris: case report *A. Moraes*
- 11:40 – 11:45 TEVAR in young patient with precoatartation and acute aortic dissection:
1-year follow-up *D. Chernova*
- 11:45 – 11:50 The versatility of AFX endograft in treatment of aorto-iliac occlusive disease
secondary to Type B dissection *C. Wang*
- 11:50 – 11:55 Successful endovascular repair of a severe perivisceral penetrating aortic ulcer
M. Erb
- 11:55 – 12:00 EVAR explantation for endotension and impending rupture
4 years post EVAR with Aorfix *A. Bakr*
- 12:00 – 12:05 Treatment of endoleak Type 1 A with use of endoanchors in endoprothesis
in craft cordis: case report *A. Moraes*
- 12:05 – 12:10 PETTICOAT in Marfan patient and permanent anticoagulation – immediate
results and controversy *N. Zherdev*
- 12:10 – 12:15 Early rupture post FEVAR secondary to a Type II endoleak *C. Wang*

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

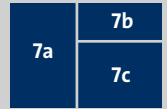
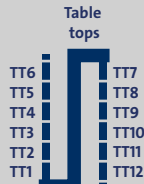
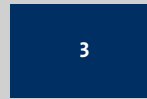
- 13:00 – 14:00** **Moderated poster round in front of Main arena 1**
Jurors: S. Trimarchi, F. Verzini
- Original research: EVAR**
- 13:00 – 13:05 Renal function in endovascular aneurysm sealing repair: a retrospective analysis
F. Iqbal
- 13:05 – 13:10 Early results of endovascular treatment of post aortic dissection aneurysm using physician-modified fenestrated stent-grafts *M. Zhou*
- 13:10 – 13:15 Adjuncts to suture-based vascular closure devices increase successful femoral closure rate in percutaneous Endovascular Aneurysm Repair (pEVAR) *S. Theivacumar*
- 13:15 – 13:20 Feasibility and early results of a new generation candy plug ii for endovascular false lumen occlusion with TEVAR in chronic aortic dissection *A. Eleshra*
- 13:20 – 13:25 Results of standard endovascular aneurysm repair (EVAR) for ruptured very short neck abdominal aortic aneurysms (AAAs) *A. Suesawatee*
- 13:25 – 13:30 Endovascular aortic repair for infra-renal abdominal aortic aneurysms: Outcomes of the Bi- vs. Trimodular Endurant® stent-graft *S. Anton*
- 13:30 – 13:35 Geometric & hemodynamic analysis of fenestrated and multibranched aortic endografts *L. Fidalgo Domingos*
- 13:35 – 13:40 Retrospective analysis of the effect of fibrinogen level on outcomes in abdominal aortic aneurysm repair *M. O'Sullivan*
- 13:40 – 13:45 Outcomes of percutaneous endovascular repair of thoracic and thoraco-abdominal aneurysms with larger introducers and in patients with previous open or percutaneous accesses *A. Melloni*
- 13:45 – 13:50 Selective vs. routine preoperative coronary computerized tomography angiography for patients undergoing thoracoabdominal aortic aneurysm open repair *V. Ardita*
- 13:50 – 13:55 Renal function after open repair of proximal abdominal aneurysms analyzed according to different vessels revascularisation technique *A. Grandi*
- 13:55 – 14:00 Different approach to the treatment of complex aortic arch aneurysms – TEVAR with or without open great vessel debranching *P. Szopiński*

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

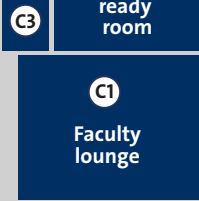
- 14:30 – 16:10** **Moderated poster round in front of Main arena 1**
Jurors: R. Langhoff, S. Bartus
- Original research und challenging cases: Carotid, embolization, visceral**
- 14:30 – 14:35 Endovascular treatment of a superior mesenteric artery dissecting aneurism
A. Grandi
- 14:35 – 14:40 Carotid artery stenting for near occlusion with full collapse:
30-day and long-term outcome *K. Takayama*
- 14:40 – 14:45 Early and midterm comparative results of CAS with two dual layer stents –
The CGuard™ and the Roadsaver stents *S. Molinaro*
- 14:45 – 14:50 Long-term result of endovascular treatment for in-stent restenosis after carotid
artery stenting *K. Takayama*
- 14:50 – 14:55 Complete occlusion of a bullet injury induced subclavian artery to brachiocephalic
vein fistula by a self-expanding stent graft *S. Maqbool*
- 14:55 – 15:00 A rare case of vagus nerve tumour as a neck swelling *M. Selim*
- 15:00 – 15:05 CTO of left subclavian artery – longitudinal stent deformation after postdilatation
V. Kovacevic
- 15:05 – 15:10 Simultaneous bilateral carotid artery stenting *C. Anastasiadou*
- 15:10 – 15:15 Embolotherapy of peripheral vascular malformation using ethylene vinyl alcohol
(ONYX): Clinical efficacy and patient satisfaction outcomes *P. Tirukonda*
- 15:15 – 15:20 Embolosclerotherapy or surgical treatment of extracranial congenital vascular
malformation: The puzzle of sequence *M. Soliman*
- 15:20 – 15:25 Embolization of pseudoaneurysm through not covered stent *E. Herrero*
- 15:25 – 15:30 Sclerotherapy of lymphangioma in children: report of 3 cases *S. Nagib*
- 15:30 – 15:35 Effective percutaneous treatment of acutely symptomatic mediastinal cyst
by aspiration and ethanol sclerotherapy *M. Singh*
- 15:35 – 15:40 Endovascular treatment for spontaneous retroperitoneal hematoma:
case reports and literature review *B. Marinelli Teixeira*
- 15:40 – 15:45 Unusual complication of inferior mesenteric artery embolization
for Type 2 endoleak *A. Kerzmann*
- 15:45 – 15:50 Endovascular intervention for stenosis superior mesenteric artery
M. R. Juniery Pasciolly
- 15:50 – 15:55 A case report of gastroduodenal artery aneurysm *M. Ismail*
- 15:55 – 16:00 Coil migration during left gastric artery saccular aneurysm embolization,
diagnostic and successful complication treatment *R. Santos*
- 16:00 – 16:05 Endovascular treatment of visceral aneurysms with hydrogel coils in 2 cases
S. Franco
- 16:05 – 16:10 Resuscitative endovascular balloon occlusion of the aorta as an adjunct
for hemorrhagic shock due to splenic injury *S. Prasertcharoensuk*



LINC digital poster



CONGO



LINC digital poster

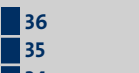
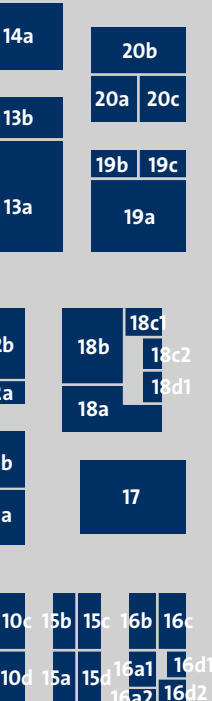


Floor plan, hall 2



**Restaurant
full service**

Main entrance



**Restaurant
self-service**

Entrance



**Restaurant
self-service**

**Meeting
rooms**
**Press
room**



Exhibitors:

- 3 Abbott Vascular
- 5a Acotec
- 31 ALN
- 19c Alvimedica
- 5b Andanza
- 19b Andramed
- 10c Angiodroid
- 35 APT Medical
- 10d Asahi Intecc
- 20b B. Braun Melsungen
- 10a Balton
- 7a BD
- 12b Bentley
- 14a Biotronik
- 17 Boston Scientific
- 6a BTG
- 7b Cardionovum
- 46 Control-Distal-Transit
- 8 Cook Medical
- 43 CX 2019/Vascular News
- 6d Cordis
- 33 Deutsche Akademie für Mikrotherapie
- 11a Endologix
- 20c Future meeting table/
LINC lounge
- 18c1 genae
- 13b Getinge
- 2 Gore & Associates
- 16d2 InspireMD
- 41 Intact Vascular
- 7c iVascular/Endoscout
- 12a Joline
- 18a JOTEC/CRYOLIFE
- 45 Laminate
- 16c Lifetech
- 30 Lombard Medical
- 44 LSO Medical
- 18c2 Medicor
- 4 Medtronic
- 9 Medtronic
- 42 Meril Life Sciences
- 15d Merit Medical

- 20a Optimed
- 18d1 OrbusNeich
- 16d1 Oscor
- 6c Penumbra
- 13a Philips Volcano
- 34 Profusa
- 16a1 QualiMed
- 16b Ra Medical Systems
- 6b Rontis
- 36 SCITECH
- 15a ShockWave Medical
- 18b Siemens
- 11b Straub Medical
- 16a2 Teleflex
- 19a Terumo Interventional Systems
- 32 Tokai Medical
- 5c VascuScience
- 15b Veryan
- 15c Vivasure Medical
- 48 wisepress
(in Entrance Hall East)
- 10b Ziehm Imaging
- 47 Zylox Medical

Table top exhibitors:

- TT3 Andratec
- TT6 Cydar
- TT1 Endovascular Today
- TT9 Minerva Medica
- TT11 Möller Medical
- TT4 PQ Bypass
- TT2 RenalGuard
- TT8 SITE
- TT10 Sonotechnik
- TT5 Venturemed
- TT7 VIVA
- TT12 Walk Vascular

Faculty:

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

SHUTTLE SERVICE

At LINC 2019 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
- H+ Hotel Leipzig
- H4-Hotel Leipzig
- Hotel Fürstenhof
- Hotel Michaelis
- Ininside by Melia
- InterCityHotel
- LOGINN by ACHAT Leipzig
- Marriott Hotel Leipzig
- Mercure Hotel Art Leipzig
- Mercure Hotel Leipzig Am Johannisplatz
- NH Hotel Leipzig Messe
- Pentahotel Leipzig
- Radisson Blu Hotel
- Sachsenpark-Hotel
- Seaside Park Hotel
- Steigenberger Grandhotel
- The Westin Hotel
- Victor's Residenz-Hotel

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 2020 | 28–31 January 2020

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LINC 2020
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We would like to sincerely thank the following companies for their generous support of LINC 2019.

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The venue

Trade Fair Leipzig, Hall 2

Messe Allee 1

04356 Leipzig, Germany

www.leipziger-messe.de



Congress production



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