

The venue

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

www.leipziger-messe.de



Congress production

PROVASCULAR

Provascular GmbH
Sonnenleite 3
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Congress organisation

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LEIPZIG
INTERVENTIONAL
COURSE
2017

LIN C

January 24 – 27, 2017

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

www.leipzig-interventional-course.com

Welcome to LINC 2017

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 2017.



GENERAL INFORMATION

The Venue

Trade Fair Leipzig, Hall 2
Messe-Allee 1
04356 Leipzig, Germany
www.leipzig-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 new rooms with an informal lounge style character will feature presentations of selected abstracts, clinical cases and complications, as well as clinical trial updates.

LINC AROUND THE WORLD

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@VIVA Conference

LINC@VIVA Conference took place:
September 21, 2016, from 8:00 – 12:00 and from 15:40 – 16:30
at the Wynn Las Vegas, Las Vegas, USA

LINC@VEITH Symposium

LINC@VEITH Symposium 2016 took place:
November 16, 2016, from 16:37 – 18:00
in the Trianon Ballroom on the 3rd floor
at the New York Hilton-Midtown, New York, USA.

LINC Australia/VERVE Symposium

LINC Australia / VERVE Symposium
took place on December 1–3, 2016,
at the Sheraton on the Park, Sydney, Australia

LINC Asia-Pacific

In 2016, LINC Asia-Pacific was arranged for the eighth time, attracting 853 attendees from the Asia-Pacific region. LINC Asia-Pacific 2017 will take place from March 14–16, 2017, 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@CCT

It is our great honour to announce that CCT, one of the most prestigious interventional courses in the world, invited LINC to be integrated officially in the 2017 programme. LINC@CCT will feature selected topics and pre-recorded cases, dedicated to the treatment of patients with complex vascular diseases.

LINC New York@Mount Sinai

Will be held on June 13 and 14 in conjunction with the 20th CCVVC-Course at the Mount Sinai Hospital, New York.

Visit the LINC around the world website for updates:

www.linc-around-the-world.com

Nurse and technician session @ LINC

Due to the great success in the past years, LINC 2017 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.

Basic techniques in peripheral interventions

- Step by step: Aortoiliac interventions
- Step by step: How I treat SFA lesions
- Step by step: Infrapopliteal revascularisation
- Stenting in peripheral arteries: Considerations for lesion specific device use
- Step by step: Hybrid procedures for peripheral arterial disease
- Step by step: Abdominal aortic aneurysm: basics of endovascular repair
- Step by step: Carotid stenting – Dos and Don'ts

Advanced technologies in peripheral interventions

- Atherectomy: Data and current developments
- Lithoplasty: A solution for calcified lesions?
- Drug eluting balloons: Update
- Drug eluting stents: New devices

Miscellaneous

- Venous stenting
- Endoluminal treatment of varicose veins
- Radiation safety
- Complications in the cathlab, and what the team learned from it
- Preplanning a vascular intervention – non-invasive imaging
- Vascular malformations – therapeutic options
- Tasks of a study nurse
- Treatment of complex aneurysm (fenestrated/branched endograft): The Münster Algorithm

Critical limb ischaemia

- CLI: Optimal care, an interdisciplinary challenge
- Cardiovascular disease in CLI patients
- Diabetic foot syndrome diagnosis and treatment
- Critical limb ischemia: 1-year results of the Critisch registry

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.



In 2017 we are very happy to continue extending our international collaboration with leading vascular courses:



CX@LINC 2017

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 2017

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 2017

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 2017

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 2017

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.

Live case transmission

During LINC 2017 more than 90 live cases will be performed from 13 national and international centers.

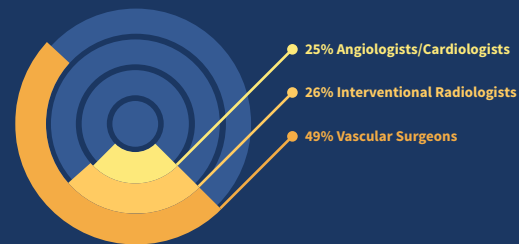
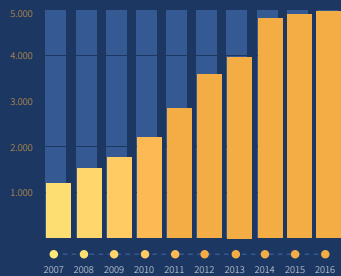
All live case transmissions are coordinated, filmed, and produced by the mediAVentures crew, using the latest in high definition television and wireless technology.

- **University Hospital Leipzig, Division of Interventional Angiology**, Leipzig, Germany
- **University Hospital Leipzig, Department of Radiology**, Leipzig, Germany
- **Policlinico Abano Terme**, Abano Terme, Italy
- **Heartcenter Bad Krozingen**, Bad Krozingen, Germany
- **Sankt-Gertrauden-Hospital**, Berlin, Germany
- **Bern University Hospital, Heart- and Vascular Center**, Bern, Switzerland
- **OhioHealth Research Institute**, Columbus, USA
- **Villa Maria Cecilia**, Cotignola, Italy
- **AZ Sint-Blasius**, Dendermonde, Belgium
- **Galway University Hospitals**, Galway, Ireland
- **University Hospital Jena**, Jena, Germany
- **Centre Hospitalier Régional Universitaire de Lille**, Lille, France
- **St. Franziskus Hospital**, Münster, Germany
- **Mount Sinai Hospital**, New York, USA



LINC 2016 STATISTICS

LINC 2016 had a multidisciplinary attendance of 4.913 participants from more than 80 countries. Please visit our website for more details.



LINC 2017 – Accreditations and Endorsements

- **The Sächsische Landesärztekammer with 21 CME points.**
www.slaek.de
- **The Swiss Society for Angiology with 34 CME points**
www.angioweb.ch
- **Dutch Association for Vascular Surgery with 20 accreditation points in Category I**
www.vaat-chirurgie.nl
- **The Belgian Society for Vascular Surgery (BSVS) with 32 CME points**
www.belsurg.org

LINC 2017 is under the patronage of:

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

LINC 2017 is endorsed by:

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



Get the LINC 2017 app for iPhone, iPad, and iPod

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

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

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

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

Faculty
find the schedule of your favourite faculty members.

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



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



GENERAL INFORMATION

Registration desks will be open on

Westin Hotel:

Monday, January 23 15:00 – 20:00 On Monday afternoon you have the possibility **to pick up your badge/register**

Radisson Hotel:

Monday, January 23 15:00 – 20:00 On Monday afternoon you have the possibility **to pick up your badge**

Marriott Hotel:

Monday, January 23 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, January 24 07:00 – 18:00

Wednesday, January 25 07:30 – 18:00

Thursday, January 26 07:30 – 18:00

Friday, January 27 08:30 – 12:00

Exhibit hours

Tuesday, January 24 08:00 – 18:00

Wednesday, January 25 08:00 – 18:00

Thursday, January 26 08:00 – 18:00

Friday, January 27 09:00 – 12:00

Your **name badge** must be worn at all times for admittance to all LINC 2017 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: linc2017, Password: leipzig**

Media restrictions

LINC strictly prohibits videotaping or recording any of the scientific sessions and live cases in the plenary rooms. Attendees with cameras will be asked to turn them off and put them away.

NEW: LINC 2017 app for iPhone, iPad, and iPod

At LINC 2017 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 2017. 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, live cases, and interviews 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.

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 2017 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.

Social dinner

Tickets for our social dinner in the Moritzbastei on Thursday, January 26, 2017, can be purchased for 40,00 Euro at the registration desk from Wednesday afternoon until Thursday on a first comes – first serves basis.

PAVILIONS

Medtronic Innovation Center

Medtronic is committed to finding more ways to help more people around the world, constantly pushing the limits of medical technology. Our medical innovations help improve healthcare across borders and across disciplines. Join us for hands-on experiences and in-depth discussions about the future of healthcare. Let's go FURTHER, TOGETHER.

Gore & Associates Pavilion

Join us at the Gore & Associates Pavilion and take the opportunity to meet with Gore & Associates to discuss product updates and latest clinical data related to the Aortic, Peripheral and Portal Hypertension product portfolio. Discover latest advancements in simulation based training: join our virtual simulator sessions to experience real patient-specific cases on TAA and AAA stenting, including the deployment of the GORE® EXCLUDER® Iliac Branch Endoprosthesis. These state-of-the-art methods allow physicians to practice for the purpose of enhancing pre-case planning and advancing medical education.

Enjoy the networking space to meet your colleagues or Gore & Associates to learn more about our long-term experience in providing innovative therapeutic solutions to complex medical problems, saving and improving the quality of lives of patients worldwide. Together. Improving life.

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*
Piergiorgio Cao, Vascular Surgeon, *Rome, Italy*
Nils Kucher, Cardiologist, *Bern, Switzerland*
Ralf Langhoff, Angiologist, *Berlin, Germany*
Martin Misfeld, Cardiac Surgeon, *Leipzig, Germany*
Giovanni Torsello, Vascular Surgeon, *Münster, Germany*
Thomas Zeller, Cardiologist, Angiologist, *Bad Krozingen, Germany*

LIVE CASE COMMITTEE

Martin Austermann, Vascular Surgeon, *Münster, Germany*
Koen Deloose, Vascular Surgeon, *Dendermonde, Belgium*
Antonio Micari, Cardiologist, *Palermo, Italy*
Frank Vermassen, Vascular Surgeon, *Gent, Belgium*

INVITED FACULTY

George Adams, Interventional Cardiologist, *Wake Forest, United States*
Flavio Airoidi, Cardiologist, *Milan, Italy*
Thomas Albrecht, Interventional Radiologist, *Berlin, Germany*
Vlad Alexandrescu, Vascular Surgeon, *Marche-En-Famenne, Belgium*
Mohammad AlTwalah, Interventional Radiologist, *Riyadh, Saudi Arabia*
Klaus Amendt, Angiologist, *Mannheim, Germany*
Hiroshi Ando, Interventional Cardiologist, *Kasukabe, Japan*
Gary Ansel, Cardiologist, *Columbus, United States*
Michele Antonello, Vascular Surgeon, *Padua, Italy*
René Aschenbach, Interventional Radiologist, *Jena, Germany*
Olaf Bakker, *Utrecht, Netherlands*
Jörn Balzer, Interventional Radiologist, *Mainz, Germany*
Stanislaw Bartus, Cardiologist, *Krakow, Poland*
Steffen Basche, Interventional Radiologist, *Ramsla, Germany*
Rupert Bauersachs, Angiologist, *Darmstadt, Germany*
Yvonne Bausback, Angiologist, *Leipzig, Germany*
Bärbel Berekoven, Study coordinator, *Münster, Germany*
Patrick Berg, Vascular Surgeon, *Kevelaer, Germany*
Ulrich Beschorner, Angiologist, *Bad Krozingen, Germany*
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*
Marc Bosiers, Vascular Surgeon, *Dendermonde, Belgium*
Spiridon Botsios, Vascular Surgeon, *Engelskirchen, Germany*
Karin Brachmann, Vascular Surgeon, *Borna, Germany*
Sven Bräunlich, Angiologist, *Leipzig, Germany*
Daniela Branzan, Vascular Surgeon, *Leipzig, Germany*
Marianne Brodmann, Angiologist, *Graz, Austria*
Jan Brunkwall, Vascular Surgeon, *Cologne, Germany*
Sebastian Büchert, Director Sales & Marketing, *Hechingen, Germany*
Miroslav Bulvas, Angiologist, *Praha, Czech Republic*
Peter Bungay, Radiologist, *Derby, United Kingdom*
Ludovic Canaud, Vascular Surgeon, *Montpellier, France*
Fausto Castriota, Cardiologist, Interventional Radiologist, *Cotignola, Italy*
Ian Cawich, Interventional Cardiologist, *Little Rock, United States*
Zhong Chen, Vascular Surgeon, *Beijing, China*
Roberto Chiesa, Vascular Surgeon, *Milan, Italy*
Dong-Hoon Choi, Interventional Cardiologist, *Seoul, Korea, Republic of*
Robert Clemens, Angiologist, *Zürich, Switzerland*
Neil Collin, Interventional Radiologist, *Bristol, United Kingdom*
Lieve Cornelis, Clinical Trial Manager, *Diegem, Belgium*
Alberto Cremonesi, Cardiologist, *Cotignola, Italy*
Frank Criado, Vascular Surgeon, *Baltimore, United States*
Christian Dadak, Gynecologist, *Vienna, Austria*
Michael Dake, Cardiologist, *Stanford, United States*
Tom Davis, Interventional Cardiologist, *West Bloomfield, United States*
Gianmarco de Donato, Vascular Surgeon, *Siena, Italy*
Rick de Graaf, Interventional Radiologist, *Maastricht, Netherlands*
Jean-Paul de Vries, Vascular Surgeon, *Nieuwegein, Netherlands*
Erik Debing, Vascular Surgeon, *Brussels, Belgium*
Sebastian Debus, Vascular Surgeon, *Hamburg, Germany*
Nuno Dias, Vascular Surgeon, *Malmö, Sweden*
Larry Diaz-Sandoval, Interventional Cardiologist, *Grand Rapids, United States*
Dai-Do Do, Angiologist, *Bern, Switzerland*
Konstantinos Donas, Vascular Surgeon, *Münster, Germany*
Eric Ducasse, Vascular Surgeon, *Bordeaux, France*
Stephan Duda, Interventional Radiologist, *Berlin, Germany*
Michael Edmonds, Diabetologist, *London, United Kingdom*
Rolf Engelberger, Angiologist, *Freiburg, Switzerland*
Christian Erbel, Cardiologist, Angiologist, *Heidelberg, Germany*
Andrej Erglis, Cardiologist, *Riga, Latvia*
Jennifer Fahrni, Angiologist, *Aarau, Switzerland*
Fabrizio Fanelli, Vascular and Interventional Radiologist, *Rome, Italy*
Jorge Fernández Noya, Vascular Surgeon, *Santiago de Compostela, Spain*
Roberto Ferraresi, Interventional Cardiologist, *Milan, Italy*
Ciro Ferrer, Vascular Surgeon, *Rome, Italy*
Michelangelo Ferri, Vascular Surgeon, *Turin, Italy*
Aloke Finn, Interventional Cardiologist, *Gaithersburg, United States*
Bruno Freitas, Vascular Surgeon, *Leipzig/Petrolina, Germany*
Weiguo Fu, Vascular Surgeon, *Shanghai, China*
Jochen Fuchs, Interventional Radiologist, *Leipzig, Germany*
Torsten Fuß, Angiologist, *Bern, Switzerland*
Paul Gagne,
Alexander Gangl, Radiology Technician, *Graz, Austria*

INVITED FACULTY

Lawrence Garcia, Cardiologist, *Boston, United States*
Mauro Gargiulo, Vascular Surgeon, *Bologna, Italy*
Bernd Gehringhoff, Vascular Surgeon, *Münster, Germany*
Guido Gelpi, Cardiac Surgeon, *Milan, Italy*
Jon George, Interventional Cardiologist, *Philadelphia, United States*
Reza Ghotbi, Vascular Surgeon, *Munich, Germany*
Kathleen Gibson, Vascular Surgeon, *Bellevue, United States*
Yann Gouëffic, Vascular Surgeon, *St. Herblain, France*
Peter Goverde, Vascular Surgeon, *Antwerp, Belgium*
Juan Fernando Granada Solis, Cardiologist, *New York, United States*
William Gray, Cardiologist, *Wynnewood PA, United States*
Roger Greenhalgh, Vascular Surgeon, *London, United Kingdom*
Wei Guo, Vascular Surgeon, *Beijing, China*
Lian Rui Guo, Vascular Surgeon, *Beijing, China*
Grzegorz Halena, Vascular Surgeon, *Gdansk, Poland*
Alison Halliday, Vascular Surgeon, *Oxford, United Kingdom*
Mohammad Hamady, Consultant Interventional Radiologist, *London, United Kingdom*
Olivier Hartung, Vascular Surgeon, *Marseille, France*
Stephan Haulon, Vascular Surgeon, *Lille, France*
Markus Haumer, Angiologist, *Mödling, Austria*
Thomas Heller, Interventional Radiologist, *Rostock, Germany*
Adrien Hertault, Vascular Surgeon, *Lille, France*
Jan MM Heyligers, Consultant Vascular Surgeon, *Tilburg, Netherlands*
Julia Heyne, Nurse, *Leipzig, Germany*
Keisuke Hirano, Cardiologist, *Yokohama, Japan*
Tobias Hirsch, Angiologist, *Halle (Saale), Germany*
Ulrich Hoffmann, Angiologist, *Munich, Germany*
Karl-Titus Hoffmann, Neuroradiologist, *Leipzig, Germany*
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Peter Huppert, Interventional Radiologist, *Darmstadt, Germany*
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Konstantinos Katsanos, Interventional Radiologist, *London, United Kingdom*
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Patrick Kelly, Vascular Surgeon, *Sioux Falls, United States*
Tilo Kölbel, Vascular Surgeon, *Hamburg, Germany*
Raghu Kolluri, Angiologist, *Columbus, United States*
Ralf Kolvenbach, Vascular Surgeon, *Düsseldorf, Germany*
Giasemi Koutouzi, Göteborg, *Sweden*
Hans Krankenberg, Cardiologist, *Hamburg, Germany*
Theodoros Kratimenos, Interventional Radiologist, *Athens, Greece*
Prakash Krishnan, Interventional Cardiologist, *New York, United States*
Steven Kum, Vascular Surgeon, *Singapore, Singapore*
Christopher Kwolek, Vascular Surgeon, *Newton, United States*
Mario Lachat, Vascular Surgeon, *Zurich, Switzerland*

John Laird, Cardiologist, *Davis, United States*
Wouter Lansink, Vascular Surgeon, *Genk, Belgium*
Thomas Larzon, Vascular Surgeon, *Örebro, Sweden*
Wei Liang, Vascular Surgeon, *Shanghai, China*
Michael Lichtenberg, Angiologist, *Arnsberg, Germany*
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Romeric Loffroy, Interventional Radiologist, *Dijon, France*
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Jianfang Luo, Interventional Cardiologist, *Guangzhou, China*
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Alexander Maßmann, Interventional Radiologist, *Homburg/Saar, Germany*
Klaus Mathias, Interventional Radiologist, *Hamburg, Germany*
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Germano Melissano, *Milan, Italy*
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Bernhard Meyer, Interventional Radiologist, *Hannover, Germany*
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Zoran Milosevic, Neuroradiologist, *Ljubljana, Slovenia*
Erich Minar, Angiologist, *Vienna, Austria*
Martin Misfeld, Cardiac Surgeon, *Leipzig, Germany*
Michael Moche, Interventional Radiologist, *Leipzig, Germany*
Frans Moll, Vascular Surgeon, *Utrecht, Netherlands*
Miguel Montero-Baker, Vascular Surgeon, *Houston, United States*
Lorenzo Paolo Moramarco, *Pavia, Italy*
Nilo Mosquera, Vascular Surgeon, *Ourense, Spain*
Katja Mühlberg, Angiologist, *Leipzig, Germany*
Stefan Müller-Hülsbeck, Interventional Radiologist, *Flensburg, Germany*
Erin Murphy, Vascular Surgeon, *Jackson, United States*
Piotr Musialek, Cardiologist, Angiologist, *Krakow, Poland*
Jihad Mustapha, Interventional Cardiologist, *Wyoming, United States*
Patrice Mwapatayi, Vascular Surgeon, *Perth, Australia*
Tatsuya Nakama, Cardiologist, *Miyazaki, Japan*
Giovanni Nano, Vascular Surgeon, *San Donato Milanese, Italy*
Christoph Nienaber, Cardiologist, *London, United Kingdom*
Sigrid Nikol, Cardiologist, Angiologist, *Hamburg, Germany*
Thomas Noppeney, Vascular Surgeon, *Nuremberg, Germany*
Gerard O'Sullivan, Interventional Radiologist, *Galway, Ireland*
Gustavo Oderich, Vascular Surgeon, *Rochester, United States*
Takao Ohki, Vascular Surgeon, *Tokyo, Japan*
Luis Mariano Palena, Interventional Radiologist, *Abano Terme, Italy*
Ricardo Palmeiro Rodrigues, Corelab Clinical Analyst, *Isnes, Belgium*
Patrick Peeters, Vascular Surgeon, *Bonheiden, Belgium*
Tim Ole Petersen, Interventional Radiologist, *Leipzig, Germany*
Ivo Petrov, Cardiologist, Angiologist, *Sofia, Bulgaria*

INVITED FACULTY

Anna Pietersma, Consultant, *Amsterdam, Netherlands*
Rupert Portugaller, Vascular and Interventional Radiologist, *Graz, Austria*
Giovanni Pratesi, Vascular Surgeon, *Rome, Italy*
Thomas Proebstle, Dermatologist, *Mannheim/Mainz, Germany*
Daniele Psacharopulo, Vascular Surgeon, *Turin, Italy*
Claudio Rabbia, Interventional Radiologist, *Turin, Italy*
Boris Radeleff, Interventional Radiologist, *Heidelberg, Germany*
Venkatesh Ramaiah, Vascular Surgeon, *Phoenix, United States*
Steve Ramee, Interventional Cardiologist, *New Orleans, United States*
Thomas Rand, Interventional Radiologist, *Vienna, Austria*
Michel Reijnen, Vascular Surgeon, *Arnhem, Netherlands*
Bernhard Reimers, Cardiologist, *Milan, Italy*
Robert Rhee, Vascular Surgeon, *New York, United States*
Vicente Riambau, Vascular Surgeon, *Barcelona, Spain*
Olaf Richter, Vascular Surgeon, *Leipzig, Germany*
Wolfgang Ritter, Interventional Radiologist, *Nuremberg, Germany*
Krishna Rocha-Singh, Cardiologist, *Springfield, United States*
Marco Roffi, Cardiologist, *Geneva, Switzerland*
Kerstin Rosenqvist, Radiologist, *Uppsala, Sweden*
Hervé Rousseau, Interventional Radiologist, *Toulouse, France*
Ralph-Ingo Rückert, Vascular Surgeon, *Berlin, Germany*
Maria Antonella Ruffino, Interventional Radiologist, *Turin, Italy*
Saher Sabri, Interventional Radiologist, *Charlottesville, United States*
Ravish Sachar, Interventional Cardiologist, *Raleigh, United States*
Bertrand Saint-Lèbes, Vascular Surgeon, *Toulouse, France*
Shinya Sasaki, Cardiologist, *Miyagi, Japan*
Oliver Schlager, Angiologist, *Vienna, Austria*
Peter Schneider, Vascular Surgeon, *Honolulu, United States*
Maria Schoder, Interventional Radiologist, *Vienna, Austria*
Henrik Schröder, Interventional Radiologist, *Berlin, Germany*
Johannes Schuster, Angiologist, *Leipzig, Germany*
Arne Schwindt, Vascular Surgeon, *Münster, Germany*
Bart Segers, Clinical Researcher, *Antwerp, Belgium*
Sven Seifert, Vascular Surgeon, *Chemnitz, Germany*
Carlo Setacci, Vascular Surgeon, *Siena, Italy*
Maxime Sibé, Vascular Surgeon, *Bordeaux, France*
Horst Sievert, Cardiologist, *Frankfurt, Germany*
Elisabeth Singer, Angiologist, *Vienna, Austria*
Marc Sirvent, Vascular Surgeon, *Barcelona, Spain*
Bob Smouse, Interventional Radiologist, *Peoria, United States*
Vimal Someshwar, Interventional Radiologist, *Mumbai, India*
Peter Soukas, Interventional Cardiologist, *Providence, United States*
Holger Staab, Vascular Surgeon, *Leipzig, Germany*
Arne Stachmann, Research associate, *Münster, Germany*
Konstantinos Stavroulakis, Vascular Surgeon, *Münster, Germany*
Sven Daniel Stein, Angiologist, *Sonneberg, Germany*
Sabine Steiner, Angiologist, *Leipzig, Germany*
Andrea Stella, Vascular Surgeon, *Bologna, Italy*
Martin Storck, Vascular Surgeon, *Karlsruhe, Germany*
Aly Talen, Clinical Researcher, *Antwerp, Belgium*
Ulf Teichgräber, Interventional Radiologist, *Jena, Germany*

Matthias Tenholt, Vascular Surgeon, *Mannheim, Germany*
Gunnar Tepe, Interventional Radiologist, *Rosenheim, Germany*
Marcus Thieme, Angiologist, *Sonneberg, Germany*
Matt Thompson, Vascular Surgeon, *London, United Kingdom*
Jonel Trebicka, Gastroenterologist, Hepatologist, *Bonn, Germany*
Marcus Treitl, Interventional Radiologist, *Munich, Germany*
Scott O. Trerotola, Interventional Radiologist, *Philadelphia, United States*
Santi Trimarchi, Vascular Surgeon, *San Donato Milanese, Italy*
Andreas Ulbrich, Angiologist, *Dresden, Germany*
Matthias Ulrich, Angiologist, *Leipzig, Germany*
Kazushi Urasawa, Cardiologist, *Sapporo, Japan*
Jos van den Berg, Interventional Radiologist, *Lugano, Switzerland*
Joost A. van Herwaarden, Vascular Surgeon, *Utrecht, Netherlands*
Marc van Sambeek, Vascular Surgeon, *Eindhoven, Netherlands*
Ramon Varcoe, Vascular Surgeon, *Sydney, Australia*
Frank Veith, Vascular Surgeon, *New York, United States*
Hence Verhagen, Vascular Surgeon, *Rotterdam, Netherlands*
Stefan Verheye, Cardiologist, *Antwerp, Belgium*
Eric Verhoeven, Vascular Surgeon, *Nuremberg, Germany*
Fabio Verzini, Vascular Surgeon, *Perugia, Italy*
Bastiaan Vierhout, Vascular Surgeon, *Assen, Netherlands*
Thomas J. Vogl, Interventional Radiologist, *Frankfurt, Germany*
Craig Walker, Cardiologist, *Houma, United States*
T. Gregory Walker, Radiologist, *Boston, United States*
Ernst Weigang, Cardiovascular Surgeon, *Berlin, Germany*
Martin Werner, Angiologist, *Vienna, Austria*
Rob Williams, Consultant Interventional Radiologist, *Newcastle, United Kingdom*
Steve Williams, Cardiologist, *Baltimore, United States*
Christian Wissgott, Interventional Radiologist, *Heide, Germany*
Adam Witkowski, Cardiologist, *Warsaw, Poland*
Weiwei Wu, Vascular Surgeon, *Beijing, China*
Zhidong Ye, Vascular Surgeon, *Beijing, China*
Hiroyoshi Yokoi, Cardiologist, *Fukuoka, Japan*
Baixi Zhuang, Vascular Surgeon, *Beijing, China*

Hammad Amer, Vascular Surgeon, *Boston, United States*
Mohammad Ansari, Interventional Cardiologist, *Lubbock, United States*
Salman Arain, Cardiologist, *Houston, United States*
Ehrin Armstrong, Cardiologist, *Denver, United States*
Jean Bismuth, Vascular Surgeon, *Houston, United States*
Christopher Boyes, Vascular Surgeon, *Charlotte, United States*
George Chrysant, Interventional Cardiologist, *Oklahoma City, United States*
Hojong Chun, Radiologist, *Seoul, Korea, Republic of*
Brian DeRubertis, Vascular Surgeon, *Los Angeles, United States*
David Dexter, Vascular Surgeon, *Norfolk, United States*
Mario Alejandro Fabiani, Vascular Surgeon, *Monterrey, Mexico*
Bryan Fisher, Vascular Surgeon, *Franklin, United States*
Masahiko Fujihara, Interventional Cardiologist, *Kishiwada, Japan*
Luiz Antonio Furuya, Vascular Surgeon, *São Paulo, Brazil*
Karan Garg, Vascular Surgeon, *Bronx, United States*
Mark Goodwin, Interventional Cardiologist, *Naperville, United States*
Steve Henao, Vascular Surgeon, *Albuquerque, United States*
Richard Heuser, Interventional Cardiologist, *Phoenix, United States*
Eugen Ivan, Cardiologist, *Lawton, United States*
Kazuomi Iwasa, Vascular Surgeon, *Matsuyama, Japan*
Yong Sun Jeon, Interventional Radiologist, *Incheon, Republic of Korea*
Michael Klyachkin, Vascular Surgeon, *Macon, United States*
Ki-Young Ko, Interventional Radiologist, *Seoul, Republic of Korea*
William Lee, Vascular Surgeon, *Los Angeles, United States*
Sang Su Lee, Vascular Surgeon, *Yang San, Republic of Korea*
Yong Liu, Vascular Surgeon, *Luzhou, China*
Shang Loh, Vascular Surgeon, *Stony Brook, United States*
James McKinsey, Vascular Surgeon, *New York, United States*
Takashi Miura, Cardiologist, *Matsumoto, Japan*
Sang Woo Park, Interventional Radiologist, *Seoul, Republic of Korea*
Sun-Cheol Park, Vascular Surgeon, *Uijeongbu-Si, Republic of Korea*
Virendra Patel, Vascular Surgeon, *Lexington, United States*
John Phillips, Cardiologist, *Columbus, United States*
Cristina Rigueti-Pinto, Vascular Surgeon, *Rio de Janeiro, Brazil*
Eduardo Rodrigues, Vascular Surgeon, *Rio de Janeiro, Brazil*
Saadat Shariff, Vascular Surgeon, *New York, United States*
Chenyang Shen, Vascular Surgeon, *Peking, China*
Okamoto Shin, Interventional Cardiologist, *Amagasaki, Japan*
Samuel N. Steerman, Vascular Surgeon, *Virginia Beach, United States*
Katsutoshi Takayama, Interventional Radiologist, *Osaka, Japan*
Yoshinori Tsubakimoto, Interventional Cardiologist, *Kyoto, Japan*
Kei Kwong Wong, Vascular Surgeon, *Hong Kong, Hong Kong*
Shuiting Zhai, Vascular Surgeon, *Zhengzhou, China*

- 08:00 – 09:30** **Symposium: New evidence for broadened indications using new generation stents in fempop obstructions** supported with an educational grant from Abbott Vascular
Moderator: D. Scheinert
Panel: A. Schmidt, M. Treitl, M. Montero-Baker, K. Katsanos, M. Palena, Y. Gouëffic
- 08:00 – 08:07** Overview of all available stents for use in the SFA/popliteal arteries
A. Schmidt
- 08:07 – 08:14** Stent design matters – results from a single operator registry *M. Treitl*
08:14 – 08:49 ■ *Live case transmission from Leipzig*
- 08:49 – 08:56** Advancing medical care in highly diseased patients – the US experience
M. Montero-Baker
- 08:56 – 09:03** SUPERFAST – a prospective CTOs registry propensity matched with a historical SNS cohort *K. Katsanos*
- 09:03 – 09:10** The PRESTO technique for precise placement of the SUPERA in the SFA ostium and SUPERSUB update *M. Palena*
- 09:10 – 09:17** CFA stenting experiences to date and insights into the CFA SUPERA study
Y. Gouëffic
- 09:17 – 09:30** ■ *Live case transmission from Dendermonde*



- 09:30 – 11:00 **Drug-eluting devices for prevention of restenosis – the new standard for femoropopliteal interventions in claudicants**
Moderators: D. Scheinert, R. Varcoe
Panel: J. Laird, M. Bosiers, L. Garcia, E. Minar
DCB clinical trial update
09:30 – 09:35 Update on 12-month results of the European and US Illumenat RCTs S. Lyden
09:35 – 09:40 2-year results of the AcoArt1 – RCT for the use of the Orchid® DCB in femoropopliteal artery disease W. Guo
09:40 – 09:45 Current status of drug coated balloon treatment in the SFA: What do the 3 year outcomes from the IN.PACT SFA RCT tell us? J. Laird
09:45 – 09:50 A real-world look at treatment effects of IN.PACT Admiral DCB: 12-month results from the IN.PACT Global Study full clinical cohort M. Brodmann
First time data release
09:50 – 09:55 6-month results of the RANGER RCT – diabetic subgroup D. Scheinert
09:55 – 10:00 12-month results from the MDT-2113 SFA Japan trial – DCB vs. standard PTA for the treatment of atherosclerotic lesions in the SFA/PPA O. Iida
10:00 – 10:05 DCB: 12-month results of the CONSEQUENT RCT T. Albrecht
10:05 – 10:10 The Lutonix EU Long lesion study D. Scheinert
10:10 – 10:15 12-month results of the Illumenat Global Study T. Zeller
10:15 – 10:20 Catheter-mediated deep adventitial microinfusion of dexamethasone for restenosis prevention in femoropopliteal arteries – 12-month results of the DANCE trial G. Adams
10:20 – 10:25 2-year results of the REAL-PTX randomised clinical trial comparing Zilver PTX vs. DCB treatment in femoropopliteal lesions D. Scheinert
10:25 – 10:30 2-year data from the MAJESTIC DES trial for treatment of femoropopliteal disease S. Müller-Hülsbeck
10:30 – 10:35 DCB + stent in the SFA: 12-month results of the Biolux4ever trial M. Bosiers
10:35 – 10:40 Patterns of restenosis: a core lab driven assessment of SFA restenosis a potential shift to unify various trials L. Garcia
10:40 – 10:47 Is combination therapy with directional atherectomy followed by DCB the answer to challenges in treating SFA disease? The REALITY trial G. Torsello
10:47 – 10:54 Are drug-eluting devices the new standard for femoropopliteal interventions in claudication? P. Schneider
10:54 – 11:00 Discussion
11:00 – 12:30 **Symposium: Drug elution in the SFA: Leave the right thing behind Debating evidence to provide an answer**
supported with a restricted educational grant from COOK Medical
Moderator: M. Dake
Panel: E. Blessing, A. Finn, I. Baumgartner
11:00 – 11:05 Introduction
11:05 – 11:15 Why and how to prep the vessel E. Blessing
11:15 – 11:35 ■ Live case transmission from Dendermonde
11:35 – 11:45 Understanding restenosis in the SFA A. Finn
11:45 – 11:55 The importance of scientific evidence I. Baumgartner
11:55 – 12:15 ■ Live case transmission from Münster
12:15 – 12:20 Summing up on symposium M. Dake
12:20 – 12:30 Discussion and debate
12:30 – 13:30 **Lunch**

- 13:30 – 15:00 **Symposium: Past, present, future: How DCB is enabling treatment of more complex femoropopliteal artery lesions**
supported with an educational grant from Medtronic
Moderators: D. Scheinert, K. Rocha-Singh
Panel: T. Zeller, J. Laird, O. Iida, J. Granada
13:30 – 13:35 Introduction D. Scheinert
13:35 – 13:45 Evolution of DCB technology J. Granada
13:45 – 13:48 Discussion
13:48 – 14:08 ■ Live case transmission from Leipzig
14:08 – 14:18 IN.PACT drug-coated balloon: Consistent clinical outcomes across patient populations J. Laird
14:18 – 14:21 Discussion
14:21 – 14:31 Gain lumen, maintain patency: The power of adjunctive therapy with directional atherectomy and DCB T. Zeller
14:31 – 14:34 Discussion
14:34 – 14:55 ■ Live case transmission from New York
14:55 – 15:00 Conclusion and summary K. Rocha-Singh
15:00 – 16:30 **Symposium: Redefining SFA treatment in a drug-eluting world**
supported with an educational grant from Boston Scientific
Moderators: D. Scheinert, I. Baumgartner
Panel: G. Tepe, T. Zeller, K. Katsanos
15:00 – 15:03 Introduction and learning objectives I. Baumgartner
15:03 – 15:15 Drug coated balloons – for all or some? G. Tepe
15:15 – 15:27 Eluvia drug eluting stent: A platform for success? G. Torsello
15:27 – 16:01 ■ Live case transmission from Leipzig
16:01 – 16:13 Getting to answers with clinical trials: being bold T. Zeller
16:13 – 16:25 Why you should care about health economics in PAD: Funding meaningful innovation K. Katsanos
16:25 – 16:30 Close and take home learnings D. Scheinert
16:30 – 18:00 **The last frontiers: New concepts for calcified lesions**
Moderators: C. Metzger, H. Yokoi
Panel: M. Thieme, G. Tepe, J. Mc Kinsey, L. Maene, T. Heller
16:30 – 16:37 Patterns of calcification: intimal vs. medial and differences below and above the knee A. Finn
16:37 – 16:44 The Shockwave lithoplasty concept – latest results T. Zeller
16:44 – 17:04 ■ Live case transmission from Leipzig
17:04 – 17:11 Importance of thorough vessel preparation followed by anti-restenotic therapy: an update from the DEFINITIVE AR study G. Tepe
17:11 – 17:16 Treatment of challenging calcified lesions with the next generation Phoenix atherectomy system M. Lichtenberg
17:16 – 17:21 ■ Recorded case M. Lichtenberg
17:21 – 17:28 10 steps to percutaneous bypass of extra long, complex SFA occlusions G. Halena
First time data release
17:28 – 17:35 The DETOUR trial: Six-month outcomes of percutaneous bypass in long segment femoral-popliteal occlusions D. Scheinert
17:35 – 17:55 ■ Live case transmission from New York
17:55 – 18:00 Discussion

- 08:00 – 09:30 Acute deep vein thrombosis**
Moderators: I. Baumgartner, M. Lichtenberg
Panel: C. Erbel, R. Engelberger
- 08:00 – 08:10 Are we ready for a paradigm shift for treating acute DVT *I. Baumgartner*
 08:10 – 08:30 ■ *Live case transmission from Bern*
- 08:30 – 08:40 Single session therapy: Pharmacomechanical thrombolysis to treat acute iliofemoral DVT *N. Kucher via satellite from Berne*
- 08:40 – 08:50 Dual session therapy: Catheter-directed thrombolysis to treat acute iliofemoral DVT *C. Erbel*
- 08:50 – 09:00 Duration of anticoagulation therapy post stenting for acute iliofemoral DVT *R. Engelberger*
- 09:00 – 09:10 Update on VTE consensus guidelines? *M. Lichtenberg*
 09:10 – 09:30 ■ *Live case transmission from Galway*
- 09:30 – 11:00 Symposium: The therapeutic benefit of effective debulking in arteries and veins**
 supported with an educational grant from Straub Medical
Moderators: T. Zeller, M. Treitl
Panel: T. Heller, M. Bulvas, S. Kum
- 09:30 – 09:35 Introduction
 09:35 – 09:45 Why do I use mechanical debulking for the treatment of arterial occlusions? *T. Zeller*
 09:45 – 10:10 ■ *Live case transmission from Leipzig*
- 10:10 – 10:20 How do I use mechanical debulking for the treatment of arterial occlusions *S. Bräunlich*
- 10:20 – 10:30 How do I use mechanical debulking for the treatment of acute occlusions of the proximal veins? *M. Treitl*
 10:30 – 10:55 ■ *Live case transmission from Münster*
 10:55 – 11:00 Discussion and conclusion
- 11:00 – 12:30 Venous stenting**
Moderators: H. Jalaie, S. Black
Panel: R. de Graaf, M. Lichtenberg, R. Engelberger
- 11:00 – 11:15 ■ *Live case transmission from Bern*
 11:15 – 11:30 ■ *Live case transmission from Galway*
- 11:30 – 11:40 Patency rates and clinical results of a dedicated ring-design stent for the treatment of iliac vein lesions *R. de Graaf*
- 11:40 – 11:50 Patency rates and clinical results of a dedicated closed-cell design stent for the treatment of iliac vein lesions *M. Lichtenberg*
- 11:50 – 12:00 Patency rates and clinical results of a dedicated May Thurner stent *R. Engelberger*
 12:00 – 12:15 ■ *Live case transmission from Bern*
 12:15 – 12:30 ■ *Live case transmission from Galway*

- 12:35 – 13:20 Lunch symposium: Venous stenting – why, when, and how?**
 supported with an educational grant from Medtronic
Moderator: S. Black
Panel: R. de Graaf, E. Murphy
- 12:35 – 12:40 Introduction
 12:40 – 12:50 Venous stenting – clinical presentation – why? *R. de Graaf*
 12:50 – 13:00 Importance of stent and clinical study design for venous disease – when? *S. Black*
- 13:00 – 13:10 Imaging to optimise outcomes in venous stenting – how? *E. Murphy*
 13:10 – 13:20 Discussion and summary
- 13:30 – 15:00 Scrub-in with the experts: Endovascular therapy of chronic deep vein obstructions**
 ■ *with Nils Kucher live from Bern*
 ■ *with Gerard O'Sullivan live from Galway*
Moderators: R. Engelberger, R. de Graaf *Panel: O. Hartung, H. Jalaie*
- Flash presentations:
 Difficult IVC filter retrieval: tips & tricks *T. G. Walker via satellite from Bern*
 Complex ilio caval reconstructions *O. Hartung*
 Hybrid procedures for the management of deep vein obstructions *H. Jalaie*
- 15:00 – 16:30 Symposium: Micromesh CAS – patient oriented technology**
 supported with an educational grant from Terumo
Moderator: M. Roffi
Panel: G. Nano, S. Müller-Hülsbeck
- 15:00 – 15:10 Roadsaver – innovative solutions for CAS *S. Müller-Hülsbeck*
 15:10 – 15:35 ■ *Live case transmission from Münster*
 15:35 – 15:45 Are new advancements in endovascular CAS technology impacting our daily practice? *G. Nano*
- 15:45 – 15:55 Micromesh technology in carotid artery treatment – what is next? *M. Roffi*
 15:55 – 16:20 ■ *Live case transmission from Cotignola*
 16:20 – 16:30 Discussion and conclusion
- 16:30 – 18:00 Scrub-in with the experts: Endovascular treatment of central venous stenosis of the chest**
 ■ *with Nils Kucher live from Bern*
 ■ *with Gerard O'Sullivan live from Galway*
Moderators: S. Black, A. Holden
Panel: R. Aschenbach, W. Liang
- Flash presentations:
 Treatment of upper extremity deep vein thrombosis due to venous thoracic outlet syndrome *N. Kucher via satellite from Bern*
 Treatment of central venous stenosis in patients with dialysis shunts *S. Black*
 Treatment of compression-related central venous stenosis in patients with cancer *G. O'Sullivan via satellite from Galway*



- 09:00 – 10:45** **Deep dive session: Current status of carotid revascularisation – Part I**
Focus on scientific data and latest technical innovations
Moderators: M. Roffi, F. Veith
Panel: M. Storck, S. Bartus, A. Halliday, C. Setacci
- 09:00 – 09:07 Update on the German carotid registry CAS/CEA and future outlook *M. Storck*
- 09:07 – 09:14 Carotid artery stenting: current randomised evidence and future perspectives *M. Roffi*
- 09:14 – 09:21 Predictors of periprocedural outcomes of carotid artery stenting: Real world experience *P. Mwipatayi*
- 09:21 – 09:28 Despite level 1 evidence to the contrary, the future outlook for carotid stenting is bright *F. Veith*
- 09:28 – 09:53 ■ *Live case transmission from Cotignola*
- 09:53 – 10:00** **Latest technical improvements in carotid stenting and cerebral protection**
- 09:53 – 10:00 ROADSTER 2 trial: Transcervical access with reversed flow circuit for proximal protection during CAS. What have we learned so far? *P. Schneider*
- 10:00 – 10:07 Carotid stenting: closed cell design versus dual layer design – are there any differences in clinical outcome? *S. Müller-Hülsbeck*
- 10:07 – 10:14 6-month results in 100 patients treated with the Road-Saver stent: The CLEAR-ROAD study *P. Peeters*
- 10:14 – 10:21 Comparison of different dual layer stent designs *C. Wissgott*
- 10:21 – 10:28 Proximal protection for CAS – the superior concept? *G. Biamino*
- 10:28 – 10:35 Carotid artery stenting with double filtration using a post-dilation balloon with integrated embolic protection: final results of the PALADIN registry *R. Sachar*
- 10:35 – 10:42 A renaissance for CAS? Will new carotid stents and advanced protection concepts fill the gap with CEA? *C. Setacci*
- 10:42 – 10:45 Discussion
- 10:45 – 12:30** **Deep dive session: Current status of carotid revascularisation – Part II**
Revascularisation in specific disease states
Moderators: S. Ramee, S. Duda
Panel: S. Bartus, K.-T. Hoffmann, H. Sievert, W. Gray
- 10:45 – 10:52** **Carotid revascularisation in specific disease states**
- 10:45 – 10:52 The volume of cerebral ischaemic lesion predicts the outcome after symptomatic carotid revascularisation *A. Stella*
- 10:52 – 10:59 Endovascular treatment of carotid artery aneurysms *K. Mathias*
- 10:59 – 11:06 ACST-2 trial update *A. Halliday*
- 11:06 – 11:13 Carotid repair is best for asymptomatic severe carotid stenosis because medical management alone does not work *P. Schneider*
- 11:13 – 11:20 Will guidelines and clinical practice regarding asymptomatic carotid stenosis change in the near future? *M. Storck*
- 11:20 – 11:45 ■ *Live case transmission from Berlin*
- 11:45 – 11:55** **Focus on revascularisation in acute stroke**
- 11:45 – 11:55 Interventional stroke treatment – fundamental trials and methods *K.-T. Hoffmann*
- 11:55 – 12:02 Acute stroke interventions: What I learned during my initial cases *H. Sievert*
- 12:02 – 12:09 Intracranial thrombectomy – board certification in Germany *S. Duda*
- 12:09 – 12:30 Discussion

- 12:35 – 13:20** **Lunch symposium: Management of arterial and venous occlusive diseases with vacuum assisted mechanical thrombectomy**
supported with an educational grant from Penumbra
Moderator: T. Bisdas
Panel: A. Maßmann, L. Moramarco
- 12:35 – 12:40 Introduction
- 12:40 – 12:50 Endovascular mechanical thrombectomy in arterial and venous cases: Our experience with the Indigo system *T. Bisdas*
- 12:50 – 13:00 Intraoperative near infra-red spectroscopy (NIRS) monitoring in lower limb revascularisation of outcome, using the Indigo system *L. Moramarco*
- 13:00 – 13:10 Peripheral clot management and pulmonary embolism *A. Maßmann*
- 13:10 – 13:20 Discussion
- 13:30 – 15:00** **Scrub-in with the experts:**
Challenging femoro-popliteal lesions
■ *with Andrej Schmidt live from Leipzig*
■ *with Antonio Micari live from Cotignola*
Moderators: B. deRubertis, G. Biamino
Panel: E. Blessing, M. Ulrich, H. Yokoi, B. Zhuang
- Flash presentations:
Crossing techniques for challenging femoropopliteal CTOs – How I do it *H. Yokoi*
The value of the retrograde femoral access for recanalisation and stenting of challenging CTOs *E. Blessing*
How can re-entry devices be helpful in complex recanalisation procedures *M. Ulrich*
- 15:00 – 16:30** **Symposium: Angioplasty, now what?**
Evidence based lower limb treatment strategies
supported with an educational grant from BIOTRONIK
Moderator: J. van den Berg *Panel: M. Brodmann, P. Mwipatyi*
- 15:00 – 15:03 Evidence based SFA treatment algorithms *J. van den Berg*
- 15:03 – 15:10 Is there a future for SFA BMS? *M. Lichtenberg*
- 15:10 – 15:40 ■ *Live case transmission from Berlin*
- 15:40 – 15:49 Leaving the right thing behind *K. Keirse*
- 15:49 – 16:19 ■ *Live case transmission from Dendermonde*
- 16:19 – 16:30 REACT to the vessel response – treatment options backed by evidence *K. Deloose via satellite from Dendermonde*
- 16:30 – 18:00** **Scrub-in with the experts: Carotid interventions**
■ *with Andrej Schmidt live from Leipzig*
■ *with Fausto Castriota live from Cotignola*
Moderators: S. Ramee, H. Sievert
Panel: M. Storck, M. Roffi, S. Bartus, Z. Milosevic
- Flash presentations:
Carotid stenting – how to properly select suitable patients *S. Duda*
Integrated embolic protection technology – a new paradigm in the treatment of cardiovascular disease *R. Sachar*
Is there any future for carotid stenting? Proximal protection and mesh-covered stents are the answer *P. Schneider*



ROOM 4 – DISCUSSION FORUM

Tuesday, January 24, 2017

- 12:30 – 13:30 My idea on intimal tracking: Guide wire selection for Pop-BTK treatment**
supported with an educational grant from Asahi Intecc
Moderator: J. van den Berg
Introduction
My experience in Austria *M. Brodmann*
My experience in Italy *R. Ferraresi*
My experience in Japan *O. Iida*
Discussion
Closing remarks by the moderator
- 13:30 – 14:30 Conform to the anatomy rather than altering it**
supported with an educational grant from Gore & Associates
Moderator: E. Verhoeven
Challenging anatomies and device conformability: does it matter? *E. Verhoeven*
How to deal with complex popliteal lesions? *B. Saint-Lébes*
Endovascular repair of popliteal aneurysms *D. Psacharopulo*
Endovascular treatment of TASC C & D lesion in iliac obstructive disease
M. Antonello
An alternative treatment option for calcified lesions in the common iliac artery
A. Holden
Discussion and conclusion
- 15:00 – 16:00 How do we prevent complications in challenging thoracic anatomies?
A physician panel's take on optimal treatment approaches**
supported with an educational grant from Gore & Associates
Moderator: D. Böckler
What have we learned after two decades of TEVAR treatment
in Type B dissection? *M. Dake*
Optimising access in TEVAR patients *M. Jenkins*
Preventing strokes in TEVAR: What factors should be considered? *M. Hamady*
Planning for a durable future: Factors to consider when treating
TEVAR patients *G. Gelpi*

ROOM 5 – GLOBAL EXPERT EXCHANGE FORUM

Tuesday, January 24, 2017

- 10:00 – 10:45 Symposium: Venovo**
supported with an educational grant from C. R. BARD
Moderator: R. de Graaf Panel: M. Lichtenberg, S. Black
Introduction
10:00 – 10:05 The VERNACULAR trial and clinical experience with the Venovo venous stent
10:05 – 10:15 *S. Black*
10:15 – 10:25 Experience with the Venovo stent in complicated cases *M. Lichtenberg*
10:25 – 10:45 Discussion and conclusion
- 11:00 – 12:30 CCT@LINC:
Japanese art of endovascular treatment: Update**
Moderators: G. Biamino, K. Urasawa
Panel: K. Hirano, H. Ando, T. Nakama
11:00 – 11:10 Duplex ultrasound guided wiring for long SFA-CTO lesions:
Why we prefer intra-plaque wiring? *K. Hirano*
11:10 – 11:20 Another advantage of distal puncture:
How to cross the un-crossable lesions? *H. Ando*
11:20 – 11:30 Aggressive strategy for the treatment of CLI cases:
Current status of the below-the-ankle intervention *T. Nakama*
11:30 – 11:40 New application of CTO crossing device – Crosser:
How to treat non-stenting zone using Crosser? *K. Urasawa*
Pre-recorded live cases of Japanese style EVT
11:40 – 11:50 Case presentation *T. Nakama*
11:50 – 12:00 Case presentation *K. Hirano*
12:00 – 12:10 Case presentation *H. Ando*
12:10 – 12:20 Case presentation *K. Urasawa*
12:20 – 12:30 Discussion and conclusion



- 12:30 – 13:30 **The unique advantages of a swirling flow stent: BioMimics 3D**
supported with an educational grant from Veryan
Moderator: S. Williams
Panel: B. Smouse, G. Tepe, T. Zeller, M. Lichtenberg
- 12:30 – 12:35 Introduction
- 12:35 – 12:45 How new stent design can improve outcome:
the BioMimics 3D story *B. Smouse*
- 12:45 – 12:55 Is swirling flow the natural partner to DCBs? *G. Tepe*
- 12:55 – 13:05 Clinical evaluation of the swirling flow stent:
the MIMICS experience *T. Zeller*
- 13:05 – 13:15 The unique advantages of BioMimics 3D: My experience with the
swirling flow stent *M. Lichtenberg*
- 13:15 – 13:30 Discussion
- 13:30 – 15:45 **Diabetic patients and critical limb ischaemia –
Patient specific approaches and novel techniques**
partially supported with an educational grant from Alvimedica
Moderators: M. Manzi, D. Karnabatidis
Panel: J. Mustapha, K. Mühlberg, M. Edmonds
- 13:30 – 13:36 Vascular disease location, severity, and progression in diabetic patients *S. Stein*
- 13:36 – 13:42 Infection/ischaemia/amputation: how to build a multidisciplinary center
for limb salvage *R. Ferraresi*
- 13:42 – 13:48 The interaction between endovascular intervention, open surgical
arterial bypass, and wound care in the management of 560 patients
with diabetic ischaemic foot ulceration *M. Edmonds*
- 13:48 – 13:54 Time is tissue in critical limb ischaemia *C. Setacci*
- 13:54 – 14:14 ■ *Live case transmission from Berlin*
- 14:14 – 14:20 Outcome of femoropopliteal procedures (stents, DCB, DES)
in diabetic patients *M. Werner*
- 14:20 – 14:26 Current developments in SFA treatment and future opportunities *D. Scheinert*
- 14:26 – 14:46 ■ *Live case transmission from Leipzig*
- 14:46 – 14:52 Specifics of BTK arterial disease in diabetic patients and implications
for patient specific revascularisation strategies: Which is the right concept –
wound-related or total treatment? *M. Manzi*
- 14:52 – 14:58 Value of semiquantitative perfusion-CT in critical limb ischaemia
for perfusion guided revascularisation *P. Huppert*
- 14:58 – 15:04 Endovascular techniques for recanalisation of long chronic tibial total occlusions
K. Urasawa
- 15:04 – 15:10 Optimisation of angioplasty workflow for CO₂-angiography in patients
with kidney impairment *U. Teichgräber*
- 15:10 – 15:16 Vessel calcification in BTK arteries: What is specific? *J. Mustapha*
- 15:16 – 15:22 The latest treatment approach in BTK lesions *D. Karnabatidis*
- 15:22 – 15:28 Beside the large vessels – microvascular disorders in critical limb ischaemia
K. Mühlberg
- 15:28 – 15:34 How should we follow patients with CLI treated with BTK recanalisation *F. Liistro*
- 15:34 – 15:45 Discussion and conclusion

- 12:30 – 13:30 **Update on peripheral clinical trials and new data –
Below the knee/Critical limb ischemia**
Moderator: J. Mustapha
Panel: M. Montero-Baker, S. Kum
- 12:30 – 12:35 Amputation-free survival between endovascular therapy and bypass surgery
in CLI patients: interim analysis of the CRITISCH registry *T. Bisdas*
- 12:35 – 12:40 Update on the BEST – CLI trial *M. Menard*
- 12:40 – 12:45 Drug-eluting stents versus drug-coated balloons vs. plain balloon angio-
plasty and bare metal stents for the infrapopliteal arteries? An evidence-based
approach from a bayesian network meta-analysis *K. Katsanos*
- 12:45 – 12:50 Lutonix efficacy in BTK: Latest outcomes from the BTK global registry
M. Lichtenberg
- 12:50 – 12:55 Apollo registry trial: below-the-knee angioplasty with paclitaxel eluting
balloon catheters in CLI *R. Aschenbach*
- 12:55 – 13:00 The TANGO trial: A phase 2 below the knee study investigating
the micropuncture mediated application of Temozolomide after PTA or
atherectomy in CLI patients *I. Cavich*
- 13:00 – 13:05 Use of ultrasound to enhance paclitaxel delivery in CLI patients
with femoro-popliteal disease: PACUS trial *C. Del Giudice*
- 13:05 – 13:10 LUMINOR registry: a real world experience with a new DEB
in advanced limb ischemia *V. Rimbau*
- 13:10 – 13:30 Discussion



- 13:30 – 15:10 **Update on peripheral clinical trials and new data – claudication/femoropopliteal**
 Moderator: E. Minar
 Panel: R. Varcoe
- 13:30 – 13:35 LIBERTY 360 study: Procedural and 30-day outcomes of endovascular interventions in patients with symptomatic lower extremity peripheral arterial disease *J. Mustapha*
- 13:35 – 13:40 Supervised exercise therapy and peripheral angioplasty: friends or foes? An evidence synthesis from randomised controlled trials *K. Katsanos*
- 13:40 – 13:45 Morbidity and mortality in PAD-patients – first data from a global prospective multicenter study in claudicants *M. Thieme*
- 13:45 – 13:50 Primary stenting of the superficial femoral artery in intermittent claudication gives improved health related quality of life, ABI and walking distance – 12-month results of a prospective randomised multicenter trial *H. Lindgren*
- 13:50 – 13:55 DOND: Systematic review and meta-analysis on DCB vs. POBA for de-novo femoropopliteal PVD *C. Klumb*
- 13:55 – 14:00 SAVER: rationale and merits for an all comers DCB registry *F. Vermassen*
- 14:00 – 14:05 CONSEQUENT DCB registry *D. Härtel*
- 14:05 – 14:10 EffPac trial: Assessment of the effectiveness of DCB versus POBA in the SFA *U. Teichgräber*
- 14:10 – 14:15 TOBA II and III clinical trial programme *M. Lichtenberg*
- 14:15 – 14:20 REALISTIC trial: 18-month results and experiences with the Smart Flex stent for the treatment of femoropopliteal lesions *P. Goverde*
- 14:20 – 14:25 First 6-month results in 75 patients in the EVOLUTION study: investigating the iVolution stent in femoropopliteal lesions *M. Bosiers*
- 14:25 – 14:30 Freeway stent study *S. Müller-Hülsbeck*
- 14:30 – 14:35 Preliminary data on DRASTICO RCT comparing DCB vs. DES in the treatment of FemPop disease in real world *F. Liistro*
- 14:35 – 14:40 FOREST trial: a randomised controlled trial comparing drug-eluting balloons and drug-eluting stents in femoropopliteal arterial occlusive disease *H. Jongsma*
- 14:40 – 14:45 Effectiveness of the Zilver PTX drug-eluting stent for femoropopliteal peripheral arterial disease in patients with no tibial runoff vessels: 24-month results from the Zilver PTX Post-Market Surveillance Study in Japan *S. Cipollari*
- 14:45 – 14:50 REALITY the future of directional atherectomy in the SFA *L. Garcia*
- 14:50 – 14:55 2-year follow-up data from the pivotal VISION study for OCT guided directional atherectomy *I. Cawich*
- 14:55 – 15:00 Jetstream atherectomy in treating de novo or non-stent restenotic femoropopliteal disease: One-year results from the JET registry *L. Garcia*
- 15:00 – 15:05 Treating in-stent occlusions with the Rotarex catheter: the ROBINSON study: final 6-month results in 30 patients *M. Bosiers*
- 15:05 – 15:10 Discussion

- 15:30 – 17:00 **Update on peripheral clinical trials and new data – Carotid/Miscellaneous/EVAR**
 Moderator: P. Schneider
 Panel: K. Donas, D.-D. Do
- Carotid**
- 15:30 – 15:35 CONFIDENCE trial: Nitinol mesh covered carotid stent-trial design and early experience *C. Metzger*
- 15:35 – 15:40 SCAFFOLD study: GORE PTFE mesh-covered carotid stent – preclinical and clinical data so far *P. Schneider*
- 15:40 – 15:45 Clinical results and mechanical properties of a novel double-layered carotid stent (CGUARD) *C. Wissgott*
- Miscellaneous**
- 15:45 – 15:50 Early results of a prospective registry of carotid stenting with the new C-Guard mesh covered stent in real world: The IRON-GUARD registry *P. Sirignano*
- 15:50 – 15:55 Comparison of different stent models in terms of patency and efficiency in treatment of peripheral artery disease *I. Staudacher*
- 15:55 – 16:00 Covered stents versus bare-metal stents in chronic atherosclerotic gastrointestinal ischaemia (CoBaGI): a multicenter randomised controlled trial *L. van Dijk*
- 16:00 – 16:05 Early clinical experience with the 4 Fr everlinQ™ endoAVF in creating vascular access for hemodialysis: The EASE study – 4F *T. Berland*
- 16:05 – 16:10 Prevalence of polyvascular disease with aorto iliac artery disease – Results from OMOTENASHI registry *Y. Shintani*
- 16:10 – 16:15 Puncture-site complications in peripheral interventions – a prospective single-center registry of more than 3.000 patients *M. Thieme*
- 16:15 – 16:20 PAD meets personalised medicine *O. Aalami*
- 16:20 – 16:25 The effect of renal denervation on blood pressure and sleep apnea – results of the Polish RCT *A. Witkowski*
- 16:25 – 16:30 The next steps in renal denervation – update on Medtronic SPYRAL HTN program *T. Zeller*
- EVAR**
- 16:30 – 16:35 Prospective study of the e-liac stent graft system in patients with common iliac artery aneurysm: 30-day results *J. Brunkwall*
- 16:35 – 16:40 INNOVATION: Long-term five year safety and effectiveness of the INCRAFT AAA stent graft for endovascular repair of abdominal aortic aneurysms *G. Torsello*
- 16:40 – 16:45 Lessons learned after 200 EndoVascular Aneurysm Sealing (EVAS) procedures *S. Zerwes*
- 16:45 – 16:50 Early and mid-term outcomes of Horizon™ abdominal aortic aneurysm stent graft system *F. Pecoraro, M. Lachat*
- 16:50 – 16:55 CURITIBA trial: Custodiol vs. Ringer: what is the best agent for renal protection during toracoabdominal aortic aneurysm open repair? *T. Cambiaghi*
- 16:55 – 17:00 Discussion

- 15:00 – 16:30 Challenging cases and complications – lower limb interventions**
Moderator: C. Walker
Panel: P. Huppert, C. Metzger
- 15:00 – 15:06 Revascularisation of occluded right GORE excluder limb with EKOS CDT via left radial artery access with subsequent distal anastomotic stenting with proximal graft thrombus exclusion with covered stents, complicated by Type III endoleak requiring graft explant and open aorto-bifemoral grafting *P. Soukas*
- 15:06 – 15:12 Endovascular management of a ruptured true popliteal artery aneurysm
G. Galyfos
- 15:12 – 15:18 Utilisation of SAFARI technique (Subintimal Arterial Flossing with Antegrade-Retrograde Intervention) as a salvage procedure in case of angioplasty complication
I. Kogan
- 15:18 – 15:24 Successful PTA for severely calcified SFA CTO lesion with full moon face calcification,
J. Y. Cho
- 15:24 – 15:30 Simultaneous antegrade – retrograde subintimal revascularization of a femoro-popliteal chronic total occlusion by a re-entry device-facilitated puncture of a retrogradely inserted balloon *J. Goltz*
- 15:30 – 15:36 Zero-fluoroscopy revascularisation of a calcified SFA CTO using intravascular OCT guidance *JJ. Desai*
- 15:36 – 15:42 A case report which performed emergent FP bypass for unexpected trouble following bare metal stent placement for SFA CTO *K. Iwasa*
- 15:42 – 15:48 SFA stenting in infected infrainguinal bypasses *J. Bismuth*
- 15:48 – 15:54 Successful EVT to severe calcified lesion at common femoral artery using Crossbow technique *M. Yamasaki*
- 15:54 – 16:00 Complex vascular and endovascular treatment of multiple posttraumatic arteriovenous fistulas of the lower extremity after sports injury *M. Generalov*
- 16:00 – 16:06 Aneurysm of persistent sciatic artery with acute lower limb ischaemia – combined hybrid approach in management *K. N. Nagabhushan*
- 16:06 – 16:12 Percutaneous coil embolisation of the feeder vessels as a management option of a symptomatic, previously excluded popliteal aneurysm *A. K. S. Ahmed*
- 16:12 – 16:18 Telemonitoring of peripheral arterial disease in outpatient care with a smartphone app *G. Arnedo*
- 16:18 – 16:30 Discussion



- 08:00 – 09:30 Optimising outcome of BTK interventions in CLI – Current approaches and future outlook**
Moderators: D. Scheinert, J. Mustapha
Panel: P. Schneider, R. Varcoe, J. Granada, O. Iida, F. Vermassen, M. AlTwalah
- 08:00 – 08:10 ■ *Live case transmission from Leipzig – part I*
- 08:10 – 08:15 Prognostic impact of revascularisation in poor-risk patients with critical limb ischaemia: The PRIORITY registry *O. Iida*
- 08:15 – 08:21 What have we learned from past DCB BTK studies: Technology, clinical study design, and patient management *T. Zeller*
- 08:21 – 08:27 Does paclitaxel interfere with wound healing? *J. Granada*
- 08:27 – 08:33 How do I treat BTK/CLI with DCB: Past experience and a new beginning *F. Liistro*
- 08:33 – 08:39 Drug eluting devices: Why paclitaxel works above the knee and sirolimus below the knee, is the stent or the drug? *A. Finn*
- 08:39 – 08:43 The clinical rationale: Why endpoints for CLI trials should be evaluated at 6 months instead of 1 year *J. Mustapha*
- 08:43 – 08:49 Alternative methods of drug delivery: The LIMBO trial *G. Adams*
- 08:49 – 09:05 ■ *Live case transmission from Leipzig – part II*
- 09:05 – 09:10 Towards optimised BTK results by preventing recoil and sealing dissections – TOBA BTK *M. Brodmann*
- 09:10 – 09:15 Bioabsorbable scaffolds in BTK arteries: 24-month results from ABSORB BTK *R. Varcoe*
- 09:15 – 09:20 1-year results in real world patients with ABSORB BTK *S. Kum*
- 09:20 – 09:25 Dealing with calcification in BTK arteries – is lithoplasty the answer? *A. Holden*
- 09:25 – 09:30 Percutaneous deep venous arteriolisation for no-option CLI – 1-year results *S. Kum*
- 09:30 – 11:00 Symposium: Leading DCB era in China – Current evidence and practice**
 supported with an educational grant from Acotec
Moderator: W. Guo
Panel: D. Scheinert, W. Fu, Z. Chen, Z. Ye, F. Liistro
- 09:30 – 09:39 DCB is changing the treatment paradigm of femoral-popliteal lesions in China *W. Guo*
- 09:39 – 09:48 Orchid DCB in Leipzig – real world experience *D. Scheinert*
- 09:48 – 09:57 Orchid DCB brings new life to a ISR patient – Story behind 31 month patency *B. Zhuang*
- 09:57 – 10:06 How did DCB change my treatment principle in femoral-popliteal lesions? *B. Liu*
- 10:06 – 10:15 Long DCB in long lesion – benefits for lesions beyond 150mm *W. Wu*
- 10:15 – 10:24 Atherectomy plus DCB: China experience *L. Guo*
- 10:24 – 10:33 DCB in BTK: preliminary result from Acoart BTK study *F. Liistro*
- 10:33 – 10:50 ■ *Live case transmission from Leipzig*
- 10:50 – 11:00 Summary and discussion

- 11:00 – 12:30 Symposium: Proven long-term outcomes for complex femoropopliteal lesions**
 supported with an educational grant from Gore & Associates
Moderator: G. Torsello
Panel: P. Soukas, T. Ohki, M. Reijnen, J. Fernández Noya
- 11:00 – 11:05 The endoluminal bypass – What have we learnt so far *P. Soukas*
- 11:05 – 11:20 ■ *Live case transmission from Münster*
- 11:20 – 11:30 How to achieve good results with Gore Viabahn for treating complex femoropopliteal occlusive disease: Results from the Japanese IDE trial *T. Ohki*
- 11:30 – 11:35 Discussion
- 11:35 – 11:55 ■ *Live case transmission from Leipzig*
- 11:55 – 12:05 Dealing with edge stenosis and outcomes of failed endografts *M. Reijnen*
- 12:05 – 12:10 Discussion
- 12:10 – 12:20 Best practices in the treatment of TASC C & D lesion of femoro-popliteal district in CLI patient 4-year results *J. Fernández Noya*
- 12:20 – 12:30 Discussion and conclusion
- 12:30 – 13:30 Lunch**
- 13:30 – 15:00 Symposium: Lutonix® Drug Coated Balloon – Evidence in SFA, BTK, and AV**
 supported with an educational grant from C. R. BARD
Moderator: D. Scheinert
Panel: A. Finn, M. Lichtenberg, A. Micari, S. Trerotola
- 13:30 – 13:35 Introduction
- 13:35 – 13:43 A study of downstream events of the two leading DCBs on the market *A. Finn*
- 13:43 – 13:50 Lutonix® efficacy in BTK: Results of Lutonix® drug-coated balloon angioplasty in below the knee arteries in critical limb ischemia patients *A. Micari*
- 13:50 – 14:00 Clinical benefits at 12-month from the Lutonix EU long lesion study *D. Scheinert*
- 14:00 – 14:20 ■ *Live case transmission from Leipzig*
- 14:20 – 14:27 An interim look at the Lutonix® DCB Global Real World BTK registry – 6-month outcomes *M. Lichtenberg*
- 14:27 – 14:35 A first look at the LUTONIX® Catheter IDE clinical trial demographics, lesion, and procedural variables in AV fistula *S. Trerotola*
- 14:35 – 14:45 Lutonix® efficacy in AV: On-going PAVE study *K. Katsanos*
- 14:45 – 15:00 Conclusion and FAQ *D. Scheinert*

- 15:00 – 16:30 **VIVA@LINC:**
DCBs – Where we are and where do we need to be?
 Moderator: *M. Dake*
 Panel: *K. Rocha-Singh, L. Garcia, S. Sabri, P. Schneider*
- 15:00 – 15:05 **Announcement of the winners of the Vascular Career Award 2016**
- 15:05 – 15:13 DCB potential beyond the selected SFA lesion types studied in trials to date: What we know about the real world *K. Rocha-Singh*
- 15:13 – 15:39 ■ **Live case transmission from Columbus**
- 15:39 – 15:47 Current views on vessel prep prior to DCB – pre-dil, atherectomy, etc., what we've learned *L. Garcia*
- 15:47 – 15:55 Current status of DCB experience with non-femoropopliteal applications (dialysis, tibial, venous, etc.) *S. Sabri*
- 15:55 – 16:22 ■ **Live case transmission from Columbus**
- 16:22 – 16:30 DCB and restenosis; who fails and why: What we do about it now and what the future holds *P. Schneider*



- 16:30 – 18:00 **New concepts for complex femoropopliteal disease**
 Moderators: *M. Bosiers, T. Ohki*
 Panel: *S. Steiner, D. Choi, R. Langhoff, A. Micari, J. McKinsey, O. Iida*
- 16:30 – 16:36 2-year outcomes from the DEB-SFA-Long Study *A. Micari*
- 16:36 – 16:42 Tack-optimised angioplasty (TOBA) – Update on latest data and current projects *G. Adams*
- 16:42 – 16:48 6-month results of the LOCOMOTIVE registry investigating spot stenting in the femoropopliteal tract *K. Amendt*
- 16:48 – 16:54 The MIMICS-2 IDE study: interim update on BioMimics 3D in US, Japan, and Europe *T. Zeller*
- 16:54 – 17:14 ■ **Live case transmission from Leipzig**
- First time data release**
- 17:14 – 17:20 2-year results of the VIABAHN Japan IDE trial for complex SFA lesions *T. Ohki*
- 17:20 – 17:26 3-year results of ZEPHYR (Zilver PTX for the Femoral Artery and Proximal Popliteal Artery) study *O. Iida*
- 17:26 – 17:48 ■ **Live case transmission from Columbus**
- 17:48 – 17:54 Comparing endoluminal bypass to open fempop bypasses: Final 1-year results of the SUPERB trial *M. Reijnen*
- 17:54 – 18:00 Surgical bypass vs. ZilverPTX stent for long SFA lesions: Interim results of the Zilverpass trial *K. DeLoose*



- 08:00 – 09:30 Current status and open questions in EVAR**
Moderators: F. Veith, V. Rimbaut
Panel: G. Torsello, R. Greenhalgh, M. van Sambeek, S. Debus, T. Ohki, F. Moll
 08:00 – 08:07 Lessons learned in 15 years after EVAR trials *R. Greenhalgh*
 08:07 – 08:14 Long term results of EVAR for AAA, are the RCT results still valid? *P. Cao*
 08:14 – 08:21 Treatment of AAA in Germany: Outcomes, long term results, and trends from German health care data in a 5 year period *S. Debus*
 08:21 – 08:28 Operating below AAA threshold of 5.5 cm saves lives!! *M. Thompson*
 08:28 – 08:35 Are female patients under-represented in EVAR trials? *M. Storck*
 08:35 – 08:42 Mechanical characterisation of abdominal aortic aneurysm, using 4D ultrasound *M. van Sambeek*
 08:42 – 08:49 Cancer rates in patients undergoing endovascular and open repair of AAA *M. Thompson*
 08:49 – 09:15 ■ *Live case transmission from Münster*
09:15 – 09:20 Device parade: Latest data and design improvements for abdominal stent-grafts:
 Long term durability results with the Excluder C3 Endoprosthesis in over 4.000 patients: A comparison of GREAT registry and the Italian GORE Excluder registry *P. Cao*
 09:20 – 09:25 3-year results of the Ovation PMR registry *P. Peeters*
 09:25 – 09:30 Early experience with the new Bolton TREO abdominal stent-graft *C. Ferrer*
- 09:30 – 11:15 The remaining challenge: Juxtarenal aneurysms with short and angulated proximal neck**
Moderators: F. Criado, G. Torsello
Panel: P. Kasprzak, J. McKinsey, T. Larzon, S. Seifert, W. Ritter
 09:30 – 09:37 The evolution of the aortic neck after EVAR *C. Setacci*
 09:37 – 09:44 How are long-term EVAR outcomes impacted by extremely hostile necks *H. Verhagen*
 09:44 – 09:51 Practicing outside of IFU – also an issue with new sac filling technologies? *M. Thompson*
 09:51 – 09:58 Open vs. FEVAR for pararenal aneurysms: a propensity adjusted comparison *F. Verzini*
 09:58 – 10:23 ■ *Live case transmission from Leipzig*
 10:23 – 10:30 Custom EVAR (c-EVAR) a step in between standard EVAR and FEVAR *E. Weigang*
 10:30 – 10:37 Home-made versus regular fEVAR for juxtarenal AAA *E. Ducasse*
 10:37 – 10:44 Long-term results of endoanchors in minimizing EVAR failures (Type 1A endoleaks and migration) in hostile aortic necks: update from the ANCHOR registry *J.-P. de Vries*
 10:44 – 10:53 ■ *Recorded case: Endoanchors* *J.-P. de Vries*
 10:53 – 11:00 EVAS with parallel grafts for challenging neck anatomy – results from the ASCEND registry *A. Holden*
 11:00 – 11:15 ■ *Recorded case: EVAS with Chimney grafts* *I. Loftus*

- 11:15 – 12:30 Endovascular solutions for iliac aneurysms**
Moderators: P. Cao, A. Lobato
Panel: S. Botsios, E. Verhoeven, R.-I. Rückert, F. Verzini, A. Stella, R. Ghotbi
 11:15 – 11:22 Long term results of iliac branch endografting: lessons learnt in 10 years *F. Verzini*
 11:22 – 11:29 Experience and long term results of ePTFE iliac branched device *J. Heyligers*
 11:29 – 11:36 Bilateral IBD for aorto-iliac aneurysms: technique and results *E. Verhoeven*
 11:36 – 12:04 ■ *Live case transmission from Lille*
 12:04 – 12:11 Parallel graft techniques for the iliac landing zone *A. Lobato*
 12:11 – 12:18 EVAS for treatment of AAA with concomitant iliac artery aneurysm *J.-P. de Vries*
 12:18 – 12:25 Diameter indications for elective repair of hypogastric artery aneurysms: A current review *F. Criado*
 12:25 – 12:30 Discussion and conclusion
- 12:30 – 13:30 Lunch symposium: Optimising aneurysm sealing outcomes**
 supported with an educational grant from Endologix
Moderator: I. Loftus
Panel: J. Heyligers, C. Mialhe, M. Reijnen, P. Berg
 12:30 – 12:40 Influence of patient selection and IFU compliance on outcomes following EVAS *J. Heyligers*
 12:40 – 12:55 Nellix procedure *C. Mialhe*
 12:55 – 13:05 Type Ia endoleak after Nellix EVAS: Incidence, mechanism, and treatment options: What we've learned *M. Reijnen*
 13:05 – 13:15 Potential reduction in post implant syndrome following total aneurysm sac sealing with Nellix *P. Berg*
 13:15 – 13:30 Discussion
- 13:30 – 15:00 Symposium: How the hybrid OR changed my life**
 partially supported with an educational grant from GE Healthcare and Siemens Healthcare
Moderators: D. Böckler, G. Oderich
Panel: G. Koutouzi, K. Deloose, N. Dias, E. Verhoeven, A. Hertault, B. Meyer
 13:30 – 13:45 Golden rules to reduce radiation dose in the hybrid room to a minimum *S. Haulon via satellite from Lille*
 13:45 – 13:55 How to potentiate the effects of fusion imaging with extra low dose fluoroscopy and CO2 *N. Dias*
 13:55 – 14:05 Should intra procedural 3D assessment be a standard for EVAR? *D. Böckler*
 14:05 – 14:15 FEVAR tips and tricks: From sizing to CBCT assessment *G. Oderich*
 14:15 – 14:30 How fusion imaging changed my workflow for FEVAR (case in a box) *E. Verhoeven*
 14:30 – 14:40 When a stab in the back works: Translumbar Type 2 endoleak embolisation *A. Hertault*
 14:40 – 14:50 Next generation imaging for EVAR *B. Meyer*
 14:50 – 15:00 How advanced imaging tools facilitate peripheral occlusion recanalisation? *K. Deloose*



- 15:00 – 16:30 CX@LINC: Life after EVAR 1**
 Moderator: R. Greenhalgh Panel: I. Loftus, H. Verhagen, F. Moll, F. Vermassen, M. Malina, D. Böckler
- 15:00 – 15:10 The benefits of EVAR are age dependent: lessons from long-term outcomes in the UK I. Loftus
- 15:10 – 15:15 Discussion
- 15:15 – 15:25 Durability beats low profile H. Verhagen
- 15:25 – 15:35 Make the aortic wall strong and rupture-proof F. Moll
- 15:35 – 15:45 Discussion
- 15:45 – 15:55 EVAR remains first choice in all patients with suitable anatomy F. Vermassen
- 15:55 – 16:05 Frequency of follow-up after EVAR M. Malina
- 16:05 – 16:15 The value of open repair for some patients reappears D. Böckler
- 16:15 – 16:30 Discussion
- 16:30 – 18:00 Endoleak management, pitfalls and complications of EVAR**
 Moderators: A. Holden, G. Torsello
 Panel: E. Ducasse, T. Kölbel, T. Larzon, O. Richter, P. Kelly, S. Botsios
- 16:30 – 16:37 The fate of unexpected events occurring during EVAR A. Stella
- 16:37 – 16:44 Mid-term results of endoanchoring for the treatment of intraoperative Type 1A endoleak after EVAR in patients with short infrarenal neck K. Donas
- 16:44 – 16:51 FEVAR and BEVAR after failed EVAR P. Kasparzak
- 16:51 – 16:58 Endoleak management after EVAS – Lessons learned D. Böckler
- 16:58 – 17:05 Type 1A endoleaks after Ch-EVAR: “Achilles heel, Damocles sword” or benign phenomenon in the majority of the cases? Insights from the PERICLES registry K. Donas/G. Torsello
- 17:05 – 17:32 ■ Live case transmission from Münster
- 17:32 – 17:39 Breaking down the myth: The data that supports the clinical significance of Type II Endoleak H. Verhagen
- 17:39 – 17:46 The arsenal AAA sac filling system for EVAR: How does it work? What is its value? A. Holden
- 17:46 – 17:53 The approach to sac enlargement without evident endoleak F. Moll
- 17:53 – 18:00 Transcaval embolisation of endoleaks after EVAR. Technique and tips T. Kölbel



- 08:00 – 09:30 Interventional radiological techniques in the hepatic and splenic circulation**
 Moderators: T. J. Vogl, U. Teichgräber
 Panel: T. O. Petersen, B. Radeleff, P. Huppert
- 08:00 – 08:07 Hepatic superselective chemoembolisation: conventional TACE vs. drug eluting beads P. Huppert
- 08:07 – 08:27 ■ Live case transmission from Jena
- 08:27 – 08:34 Selective internal radiotherapy: what is new? M. Moche via satellite from Leipzig
- 08:34 – 08:41 Chemosaturation: Indication, technique, and outcome T. J. Vogl
- 08:41 – 09:02 ■ Live case transmission from Leipzig
- 09:02 – 09:09 Combination of transarterial and percutaneous ablation techniques T. O. Petersen
- 09:09 – 09:16 New horizons for embolisation treatment in the splenic circulation J. Fuchs via satellite from Leipzig
- 09:16 – 09:23 Tips and tricks for TIPPS B. Radeleff
- 09:23 – 09:30 Discussion
- 09:30 – 11:00 Symposium: Emerging embolisation therapies**
 supported with an educational grant from Medtronic
 Moderator: M. Treitl Panel: N. Dias, H. Lindgren, I. McCafferty
- 09:30 – 09:35 Introduction M. Treitl
- 09:35 – 09:47 Miniaturisation of plugs: How does it advance the embolisation practice? Clinical applications presented through real world case study presentations. N. Dias
- 09:47 – 09:59 Changing treatment paradigms with soft detachable fibered coils H. Lindgren
- 09:59 – 10:10 Treatment of hypervascular tumors with liquid embolics I. McCafferty
- 10:10 – 10:20 Tips and tricks for treating endoleaks M. Treitl
- 10:20 – 10:50 ■ Live case transmission from Münster
- 10:50 – 11:00 Panel discussion
- 11:00 – 12:30 Embolisation therapy for visceral aneurysms, bleeding, and beyond**
 Moderator: U. Teichgräber
 Panel: T. Rand, B. Radeleff, T. J. Vogl
- 11:00 – 11:07 Endovascular techniques for treatment of visceral aneurysms M. Treitl
- 11:07 – 11:14 Prostate arterial embolisation in benign prostate hyperplasia U. Teichgräber
- 11:14 – 11:34 ■ Live case transmission from Jena
- 11:34 – 11:41 Uterine embolisation: techniques and outcome T. Rand
- 11:41 – 11:48 Venous embolisation for patients with pelvic congestion syndrome R. Loffroy
- 11:48 – 12:08 ■ Live case transmission from Leipzig
- 12:08 – 12:15 Emergency embolisation for acute trauma-induced bleeding B. Radeleff
- 12:15 – 12:22 Transcatheter embolisation in upper GI tract arterial bleeding P. Huppert
- 12:22 – 12:30 Discussion

- 12:35 – 13:20 **Lunch symposium: The experts' approaches to venous intervention**
supported with a restricted educational grant from COOK Medical
Moderator: R. de Graaf
Panel: S. Black, G. O'Sullivan
- 12:35 – 12:40 Introduction
- 12:40 – 12:55 Recanalisation techniques and essential tools for venous intervention
S. Black, G. O'Sullivan
- 12:55 – 13:10 Iliofemoral acute DVT: A pathway to treatment *S. Black, G. O'Sullivan*
- 13:10 – 13:20 Questions and answers



13:30 – 15:00

VIVA@LINC:**Contemporary approaches to CLI challenges***Moderator: S. Lyden**Panel: J. Laird, W. Gray, K. Rocha-Singh, C. Metzger*■ *Live case transmission from Columbus*

Flash presentations:

How do I determine the minimum necessary end point

of an endovascular CLI procedure – when is enough? *J. Laird*

The present status of self-expanding and balloon-expandable tibial BMS

and DES for CLI: Why and when to use *S. Lyden*

The current role and limitations of below the knee DCB:

What we know now *W. Gray*

Evolving approaches to accurately determine the adequacy of revascularisation

in CLI patients *K. Rocha-Singh*

- 15:00 – 16:30 **The next evolution for TIPS. Control diameter. Target pressure.**
supported with an educational grant from Gore & Associates
Moderator: M. Schoder
Panel: K. Rosenqvist, J. Trebicka
- 15:00 – 15:05 Introduction *M. Schoder*
- 15:05 – 15:20 Results of a Swedish TIPS Registry, insights in effects of TIPS offered to patients
with variceal bleeding *K. Rosenqvist*
- 15:20 – 15:25 Discussion
- 15:25 – 15:40 First results of the new GORE TIPS Set to deliver the GORE® VIATORR® TIPS
Endoprosthesis *B. Meyer*
- 15:40 – 15:45 Discussion
- 15:45 – 16:05 Case based discussion: what you need to know about TIPS
H. Ittrich
- 16:05 – 16:15 Initial experience using the new GORE® VIATORR® TIPS Endoprosthesis with
Controlled expansion for patients with refractory ascites *J. Trebicka*
- 16:15 – 16:30 Discussion and conclusion
- 16:30 – 18:00 **The remaining challenge:
Management of recurrent lesions after PTA and stenting**
Moderators: C. Walker, G. Biamino
Panel: J. Balzer, L. Garcia, M. Menard, B. Freitas, H. Krankenberg
- 16:30 – 16:36 Repetitive DCB treatment for femoropopliteal lesions – a viable solution
for recurrent lesions? *U. Beschorner*
- 16:36 – 16:42 Plaque scoring and DCB: rationale and initial evidence in SFA-ISR *E. Blessing*
- 16:42 – 17:13 ■ *Live case transmission from Leipzig*
- First time data release**
- 17:13 – 17:18 12-month outcomes from the Lutonix ISR randomised trial *K. Deloose*
- 17:18 – 17:23 DCB for ISR: 2-year results of the Copa Cabana study *G. Tepe*
- 17:23 – 17:29 The role of photoablation and DCB for in-stent restenosis
U. Teichgräber via satellite from Jena
- 17:29 – 17:35 Brachytherapy for in-stent restenosis – Is the concept still alive? *M. Menard*
- 17:35 – 18:00 ■ *Live case transmission from Jena*

10:00 – 11:00

Internal iliac artery preservation:**The standard of care when treating iliac aneurysms**

supported with an educational grant from Gore & Associates

Moderator: G. Oderich

Introduction

The GORE® EXCLUDER® iliac branch endoprosthesis:

Feasibility and utility to preserve internal iliac arteries *J. Heyligers*Conformability is key in treating complex iliac anatomies *A. Millon*

How effective is preservation when viewed through

a clinical and economic lens? *N. Mosquera*

Discussion and conclusion

11:15 – 12:15

VIVA@LINC: Strategies on the frontline – triumph or tragedy*Moderator: P. Schneider**Discussants: M. Dake, S. Lyden, A. Micari, J. Laird*

This is a case-based 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. This round room setting is dedicated to controversial or interactive talk-show-like sessions.



12:30 – 13:30

Pelvic congestion syndrome: How and when to treat with embolisation techniques

supported with an educational grant from Medtronic

*Moderator: K. Gibson*PCS disease state, diagnosis & treatment challenges *K. Gibson*PCS case presentation & discussion *R. Loffroy*PCS: The gynecologist's perspective *C. Dadak*

Discussion

13:45 – 14:45

CICE@LINC: Acute venous occlusive disease – Mechanical debulking as the first therapy option*Moderator: A. Lobato*

Step by step of mechanical thrombectomy in venous occlusive disease

*A. Lobato*Why is mechanical debulking the logical treatment option? *M. Lichtenberg*

Recanalisation of venous occlusions with AspirexS mechanical thrombectomy –

the effective one session treatment, which largely replaces the need of

thrombolysis *T. Heller*

Complex cases with mechanical thrombectomy system in venous disease

L. A. Furuya

Panel discussion

CICE2017

15:00 – 16:00

SITE@LINC:**Aortic endografting: what is needed for a definitive consolidation***Moderator: V. Riambau**Discussants: E. Verhoeven, N. Mosquera, J. Fernández Noya, G. Oderich***Topics to be discussed:**

- What EVAR needs to be considered as the first choice for AAA repair?
- What TEVAR needs to be considered for all Type B dissections?
- What are the major limitations for endovascular repair of para and supra-renal aneurysms?
- Is centralisation needed for EVAR/TEVAR?



- 08:00 – 10:10 **Deep dive session: Lower limb interventions (part I) – aortoiliac, femoropopliteal, and new technologies for crossing and vessel preparation**
Moderators: C. Walker, K. Urasawa
Panel: M. Montero-Baker
- 08:00 – 08:34 ■ Live case transmission from Leipzig
- 08:34 – 08:40 **Focus on aorto-iliac disease**
Use of aortic stent grafts for treatment of aorto-iliac occlusive disease
E. Armstrong
- 08:40 – 08:46 12-month results of the BeGraft trial P. Peeters
- 08:46 – 08:52 Endovascular management of distal embolisation during iliac CTO intervention
M. Klyachkin
- 08:52 – 08:58 **Focus on crossing**
We want to know where we are when we treat CTOs:
OCT guided revascularisation M. Brodmann
- 08:58 – 09:04 Novel IVUS guided techniques for achieving intra-luminal angioplasty of peripheral CTO lesions – from aortoiliac to below knee lesions Y. Tsubakimoto
- 09:04 – 09:10 Mid-SFA as a useful access for complex peripheral interventions C. Rabbia
- 09:10 – 09:16 Recanalisation of flush occlusion of the superficial femoral artery with re-entry device H. Chun
- 09:16 – 09:22 U/S guided interventions for complex multi-level lower extremity disease: a vascular surgeon's effort to significantly reduce procedural radiation exposure
B. Fisher
- 09:22 – 09:28 Vascular Calcium: detection, classification and implications in DCB treatment
F. Fanelli
- 09:28 – 09:34 **Focus on vessel preparation**
Vessel prep is the key to extending the role of DCBs to more challenging lesions and to optimise outcome of stenting P. Schneider
- 09:34 – 09:40 Angiographic dissection patterns and patency outcomes of post balloon angioplasty for SFA disease (retrospective multicenter analysis) M. Fujihara
- 09:40 – 09:46 Prevention and management of residual stenosis and dissection post popliteal artery dilatation Y. Liu
- 09:46 – 09:52 Combination therapy of scoring balloons and drug coated balloons as a treatment for in-stent restenosis E. Blessing
- 09:52 – 09:58 Bioflex – PEACE registry: Value of different revascularisation strategies before nitinol stent implantation M. Lichtenberg
- 09:58 – 10:04 Directional atherectomy plus DCB versus DCB alone for isolated lesions of the popliteal artery K. Stavroulakis
- 10:04 – 10:10 Penumbra for sudden-onset claudication: role of thrombectomy for SFA occlusion E. Ivan

- 10:10 – 12:30 **Deep dive session: Lower limb interventions (part II) – femoropopliteal, drug-eluting devices, and new technologies**
Moderators: J. van den Berg, E. Minar Panel: K. Deloose, G. Tepe, P. Goverde
Focus on new technologies, drug-eluting devices, and new study results
- 10:10 – 10:16 Design goals and pre-clinical evidence of next generations DCBs J. Granada
- 10:16 – 10:22 Arterial remodeling post DCB: Positive or dangerous? U. Beschorner
- 10:22 – 10:28 All real world DCB studies are not created equal E. Blessing
- 10:28 – 10:34 Updated clinical trial results for Trirème Chocolate DCB A. Holden
- 10:34 – 10:40 Ranger DCB real world registry B. Gehringhoff
- 10:40 – 10:46 **First time data release**
1-year results from the Asian subset of the IN.PACT Global Study clinical cohort
D. Choi
- 10:46 – 10:52 Insights from the IN.PACT Global Study: The Belgian cohort at 1 year K. Deloose
- 10:52 – 10:58 DCB use in the SFA: Budget impact analysis and reimbursement in Austria
M. Brodmann
- 10:58 – 11:04 New manufacturing process and stent design are key elements to improve clinical outcome. The iVascular example P. Goverde
- 11:04 – 11:10 Is lithoplasty followed by DCB the answer in case of calcified vessels? W. Gray
- 11:10 – 11:16 Lithoplasty + DCB in calcified lesions – first single center experience G. Tepe
- 11:16 – 11:37 ■ Live case transmission from Leipzig
- 11:37 – 11:43 Lessons learnt from DES in the SFA – is there any ideal concept so far?
S. Müller-Hülsbeck
- 11:43 – 11:49 DCB + stent in the SFA: 12-month results of the Biolux4ever trial K. Deloose
- 11:49 – 11:55 Long-term results of TIGRIS-stent angioplasty in popliteal artery lesions
P. Huppert
- 11:55 – 12:01 The AURORAA registry: 5-year results of the use of the Supera vascular mimetic implant in extensive femoropopliteal lesions P. Goverde
- 12:01 – 12:07 Meril's peripheral BRS technologies – Credence BRS and Credence BTK
V. Someshwar
- 12:07 – 12:13 Impact of chronic total occlusion artery on 5-year adverse events in patients with peripheral artery disease treated by endovascular treatment T. Miura
- 12:13 – 12:19 Hybrid treatment for multilevel revascularisation in PAD patients: multicenter study in Korea S. S. Lee
- 12:19 – 12:25 Clinical evidence and gap analysis in intermittent claudication E. Minar
- 12:25 – 12:30 Discussion

- 12:30 – 13:30 **Lunch symposium: Clinical experiences on BeGraft peripheral and the NEW BeGraft aortic**
supported with an educational grant from Bentley
Moderator: P. Kasprzak
Panel: A. Hertault, P. Goverde, J. Kalder, S. Büchert
- 12:30 – 12:40 Early experience with 2nd generation Bentley BeGraft peripheral during FEVAR *A. Hertault*
- 12:40 – 12:50 First experience in use of NEW BeGraft aortic for covered endovascular reconstruction of the aortic bifurcation (CERAB) and the treatment of extensive aortoiliac occlusive disease *P. Goverde*
- 12:50 – 13:00 BeGraft in fenestrated aortic aneurysm repair *J. Kalder*
- 13:00 – 13:05 BeGraft aortic in aortic coarctation *P. Kasprzak*
- 13:05 – 13:10 Actual information on BeGraft peripheral and BeGraft aortic *S. Büchert*
- 13:10 – 13:30 Discussion



- 13:30 – 14:15 **Why EKOS? A future with an effective and smart treatment of thrombosis**
supported with an educational grant from BTG
- 13:30 – 13:45 Evidence for USAT in PE patients *N. Kucher*
- 13:45 – 14:00 Fast track treatment of PE with the EKOS™ catheter *R. Kolvenbach*
- 14:00 – 14:15 More effective than normal CDT, easier than mechanical thrombectomy: my experience with EKOS™ in DVT and PAO patients *M. Treitl*
- 14:15 – 17:15 **Deep dive session: Endovenous therapies**
Moderators: N. Kucher, R. Varcoe
Panel: G. O'Sullivan, E. Murphy, R. Kolluri, S. Black
- 14:15 – 14:22 Complete evaluation of the venous patient *E. Murphy*
- 14:22 – 14:29 Patient selection algorithm – my imaging modality pathway *R. de Graaf*
- 14:29 – 14:36 CTV vs. MRV for imaging venous disease *G. O'Sullivan*
- 14:36 – 14:43 Deep vein pathology seen with IVUS, what it looks like and what it means!
S. Black
- 14:43 – 14:50 The use of adjunctive venography imaging and endovascular maneuvers in the treatment of saphenous vein insufficiency: a prospective, multi-centre study
R. Varcoe
- 14:50 – 14:57 IVUS is a better imaging modality than multiplanar venography for assessing and treating iliofemoral venous occlusive disease: lessons from the VIDIO study
P. Gagne
- 14:57 – 15:12 ■ *Recorded case presentation* *N. Kucher*
- 15:12 – 15:19 Dynamics of venous stent design *S. Black*
- 15:19 – 15:26 VIVO-EU results: Prospective European study of the Zilver vena venous stent in the treatment of symptomatic iliofemoral venous outflow obstruction *G. O'Sullivan*
- 15:26 – 15:33 Iliofofemoral venous stenting with the purpose designed VENITI VICI venous stent
M. Lichtenberg
- 15:33 – 15:40 What to do with venous in stent restenosis? *G. O'Sullivan*
- 15:40 – 15:47 Vena cava superior syndrom (VCSS) – therapeutic options *S. Basche*
- 15:47 – 15:54 Catheter-directed thrombolysis in acute iliofemoral vein thrombosis, a prospective randomised controlled trial *M. El Maadawy*
- 15:54 – 16:01 Single center randomised study comparing primary stenting and percutaneous transluminal angioplasty for high-grade central venous lesions in the outflow of dialysis fistulas *C. Rigueti-Pinto*
- 16:01 – 16:08 How to select patients with deep venous intervention vs. superficial venous intervention in severe venous disease *R. Kolluri*
- 16:08 – 16:15 Latest technology on laser ablation of varicose veins *A. Ulbrich*
- 16:15 – 16:30 ■ *Recorded case presentation* *M. Ulrich*
- 16:30 – 16:37 Endovenous thermal or endovenous chemical ablation – what is the best for the patient? *T. Noppeney*
- 16:37 – 16:44 VenaSeal clinical overview: Highlights from FIH, eSCOPE and VeClose clinical studies *T. Proebstle*
- 16:44 – 16:51 WAVES – Lake **W**Ashington Vascular **V**enaSeal™ post-market evaluation 3-month results *K. Gibson*
- 16:51 – 16:58 The endovascular ablation of incompetent perforator veins using EVLT and RFA *T. Hirsch*
- 16:58 – 17:05 Foam sclerotherapy and Polidoconol injectable foam for venous ulcerations *R. Kolluri*
- 17:05 – 17:15 Discussion



09:00 – 10:00

Selected abstracts:**New techniques and results in iliac and femoropopliteal interventions***Moderator: J. Balzer Panel: P. Goverde, M. Bulvas*

09:00 – 09:06

Internal iliac artery angioplasty for the treatment of buttock claudication and erectile dysfunction: a systematic review *K. Patel*

09:06 – 09:12

Kissing stenting: Best choice for treatment of common iliac artery chronic obstruction *A. Sonetto*

09:12 – 09:18

Management of long flush superficial femoral artery occlusion with ipsilateral antegrade common femoral artery access *Amr Aborahma*

09:18 – 09:24

The use of bioactive stent heliflex in patients with atherosclerotic lesions of superficial femoral artery: the beginning of the study *A. Oleshchuk*

09:24 – 09:30

Dissection of the lamina vastoadductoria as a method to reduce the frequency of restenosis in TASC-II D lesions of the femoropopliteal arterial segment after stenting. Intermediate results of the pilot prospective randomised study. *A. Rabtsun*

09:30 – 09:36

Hybrid heparin-bonded nitinol and ePTFE stent in the treatment of popliteal artery occlusion: mid-term follow-up results *J. Wronski*

09:36 – 09:42

Novel distal popliteal artery puncture technique in supine position for chronic femoropopliteal arterial occlusion; frontal popliteal puncture *K. Ogata*

09:42 – 09:48

The safety and efficacy of the distal superficial femoral artery direct puncture technique *T. Takei*

09:48 – 09:54

Midterm results after drug eluting stenting of superficial femoral artery in critical limb ischemia: An Italian multicenter registry *G. Galzerano*

09:54 – 10:00

Discussion

11:00 – 12:30

Clinical trials session**Advancements in clinical research***Moderator: J. Balzer*

11:00 – 11:05

Introduction *J. Balzer***Clinical trial data requirements**

11:05 – 11:13

Based on regulatory requirements *A. Pietersma*

11:13 – 11:21

Based on medical requirements *J. Balzer*

11:21 – 11:29

Assessment of angiography and ultrasound endpoints – what can the corelab add? *U. Beschorner***Future of clinical research**

11:29 – 11:37

Big data in peripheral vascular disease *S. Verheye*

11:37 – 11:45

Trends in EDC *B. Segers***How to get involved in clinical research**

11:45 – 11:53

– Perspective from the site *M. Brodmann*

11:53 – 12:01

– Perspective from a sponsor *L. Cornelis***New device trends**

12:01 – 12:09

Trends seen from the perspective of an EU physician *M. Bosiers*

12:09 – 12:17

Trends seen from the perspective of a US physician *W. Gray*

12:17 – 12:25

Upcoming regulatory changes and their impact *A. Talen*

12:25 – 12:30

Wrap-up & closure *J. Balzer*

- 13:30 – 15:30 **Pioneering techniques for BTK revascularisation in CLI**
 Moderator: *J. Mustapha*
 Panel: *O. Iida, S. Kum*
- 13:30 – 13:36 Successful endovascular treatment for BTK lesion using wire rendezvous technique and retrograde knuckle wire technique by collateral approach *K. Takayama*
- 13:36 – 13:42 Cessation of endovascular treatment in painful patients with Buerger's disease *S. W. Park*
- 13:42 – 13:48 A failed case of EVT – CLI with BTK lesions due to vasculitis *O. Shin*
- 13:48 – 13:54 Bioresorbable stent implantation for tibial disease *B. DeRubertis*
- 13:54 – 14:00 The case of access site related complication of retrograde access by distal puncture *M. Fujihara*
- 14:00 – 14:06 The use of a mobile phone application to improve patient outcomes with CLI *J. Phillips*
- 14:06 – 14:12 Wifi classification predicts the wound healing after EVT *O. Shin*
- 14:12 – 14:18 Ultrasound-guided, retrograde puncture of two tibial arteries to treat the embolic occlusion using the over-the-wire balloon catheter *Y. Kim*
- 14:18 – 14:30 Discussion
- Selected abstracts – BTK revascularisation/Critical Limb Ischemia**
- 14:30 – 14:36 Prognostic impact of achievement of complete wound healing for critical limb ischemia patients presenting with infrapopliteal and pedal artery diseases; sub-analysis from RENDEZVOUS registry *T. Haraguchi*
- 14:36 – 14:42 Angiosome-targeted isolated tibial angioplasty for healing of ischemic foot ulcer: a retrospective study *H. Sharaf*
- 14:42 – 14:48 Clinical efficacy of successful isolated infrapopliteal angioplasty in diabetics with critical limb ischemia (CLI) *P. Jain*
- 14:48 – 14:54 Below the ankle angioplasty is emerging as an effective and safe treatment option to improve the results of revascularisation *A. Sayed*
- 14:54 – 15:00 Importance of below the pedal artery disease for wound heal in the patients with critical limb ischemia *M. Utsunomiya*
- 15:00 – 15:06 Clinical outcomes of pedal artery angioplasty for patients with ischemic wounds; results from the multicenter RENDEZVOUS registry *T. Nakama*
- 15:06 – 15:12 Relationship between tibial artery calcification and wound healing in patients with foot tissue loss *S. Mori*
- 15:12 – 15:30 Discussion

- 15:30 – 17:00 **Carotid revascularisation: Pioneering techniques and new results**
 Moderator: *B. Reimers*
 Panel: *R. Ghotbi, S. Ramee*
- 15:30 – 15:36 Intimal treatment result of carotid artery stenting using double stents and proximal protection for unstable plaque *K. Takayama*
- 15:36 – 15:42 Stenting the carotid for left arm fatigue? An unusual case of subclavian steal syndrome *E. Ivan*
- 15:42 – 15:48 Transcervical carotid stenting: Advantages and pitfalls *B. DeRubertis*
- 15:48 – 15:54 Early experience with Silk Road Medical's TCAR system *S. Henao*
- 15:54 – 16:00 Perioperative and long-term impact of chronic kidney disease on carotid artery interventions *V. Patel*
- 16:00 – 16:06 Treatment of innominate artery pseudoaneurysm with a modified covered graft *K. Garg*
- 16:06 – 16:18 Discussion
- Selected abstracts**
- 16:18 – 16:24 Histological evaluation of filter contents of the paladin carotid post-dilation balloon with integrated embolic protection *R. Langhoff*
- 16:24 – 16:30 Carotid endarterectomy versus carotid stenting in symptomatic patients: early results and restenotic rates *M. Asunción, R. Lozano*
- 16:30 – 16:36 Comparison of carotid artery stenting results in primary stenosis and post-surgical restenosis *A. Spertino*
- 16:36 – 16:42 The use of diffusion weighted MRI (DW-MRI) post-carotid stenting to evaluate the enhanced protection of the Paladin system *R. Sachar*
- 16:42 – 16:48 Investigation of oxidative status in patients who underwent carotid artery stent placement for asymptomatic critical stenosis *E. Saracoglu*
- 16:48 – 16:54 Immediate and long-term results of stenting of the proximal branches of the aortic arch *A. Frantsevich*
- 16:54 – 17:00 Discussion



- 10:00 – 12:15 Venous interventions: New techniques, challenging cases, and new data**
Moderator: S. Kum
Panel: M. Lichtenberg
- 10:00 – 10:06 Resurrection at birth: AngioVac assisted IVC thrombus retrieval following caesarian section complicated by massive pulmonary embolism *S. Arain*
- 10:06 – 10:12 Contralateral iliac vein occlusion after iliac venous stenting in patients with May-Thurner syndrome *Y. S. Jeon*
- 10:12 – 10:18 Removal of a greenfield IVC filter using a laser catheter *J. Phillips*
- 10:18 – 10:24 Real world experience with the Angiovac Device. 30 consecutive cases of ilio-caval thrombosis *D. Dexter*
- 10:24 – 10:30 Treatment of a contralateral iliac vein occlusion caused by a wall stent. Creating a new vena cava bifurcation through an existing wall stent *D. Dexter*
- 10:30 – 10:36 Acute retroperitoneal hemorrhage from recanalisation of chronically occluded iliac vein *C. Boyes*
- 10:36 – 10:48 Discussion
- Selected clinical trials**
- 10:48 – 10:54 12-month results from the Novel Endovascular Access Trial (NEAT) *C. Lok*
- 10:54 – 11:00 Freeway paclitaxel-releasing balloons reduce the risk of restenosis in hemodialysis patients with recurrent stenosis of arteriovenous fistula *N. Troisi*
- 11:00 – 11:06 DCB in the treatment of av-access-a single center prospective study *T. Steinke*
- 11:06 – 11:12 Evaluation of the endovascular salvage outcome for dysfunctional hemodialysis arteriovenous fistula according to the site of the lesion *U. Lotfi*
- 11:12 – 11:18 Staged superficialisation of deep arm autogenous brachio-cephalic arterio-venous fistula via duplex guided liposuction: feasibility and outcome *K. Elalfy*
- 11:18 – 11:24 Evaluation of endovascular outcome of PTA alone vs. stenting in treating upper limb central venous lesions in patients with arteriovenous access *M. Abd Elrahman*
- 11:24 – 11:30 Sharp recanalisation of symptomatic central venous occlusions in hemodialysis patients *A. Bedeti*
- 11:30 – 11:36 AngioJet assisted transvenous-transhepatic mechanical thrombectomy in the portal vein *D. Kütting*
- 11:36 – 11:42 Incidence, risk factor, and clinical outcomes for endovenous heat-induced thrombosis after radiofrequency ablation *Y. Chung*
- 11:42 – 11:48 Comparison of the efficacy, safety, the primary and secondary technical success of the endovenous non-thermal, tumescensless mechanochemical ablation of varicose veins with the subjective outcome using different score-systems *C. Teichert*
- 11:48 – 11:54 Venous aneurysms: the hidden danger. A case series and review of literature *M. Elkassaby*
- 11:54 – 12:00 Pre-operative determinants of venous stenting occlusion *A. K. S. Ahmed*
- 12:00 – 12:06 Comparison of catheter guided thrombolysis and ultrasound accelerated thrombolysis for the treatment of acute ileo-femoral DVT *M. Ansari*
- 12:06 – 12:15 Discussion

- 13:30 – 16:30 Pioneering techniques, controversial issues and new insights in EVAR**
Moderator: P. Cao Panel: T. Kölbel, A. Holden
- 13:30 – 13:36 Experiences of simultaneous I-graft placement and sac embolisation for treating saccular aortic aneurysm in six patients *K.-Y. Ko*
- 13:36 – 13:42 Relining technique for continuous sac enlargement and modular disconnection secondary to endotension after EVAR *Y. S. Jeon*
- 13:42 – 13:48 Optimal surgical management for abdominal aortic pseudoaneurysm in Behcet's disease: open surgery or EVAR? *C. Shen*
- 13:48 – 13:54 Treatment strategies for coarctation of the aorta in adults *S. Zhai*
- 13:54 – 14:00 Coverage of the left subclavian artery for grade 1-3 traumatic aortic injury is not necessary to achieve aortic healing in patients with a short proximal landing zone *S. Loh*
- 14:00 – 14:06 Sheared intercostal arteries in IMH as a correlate of acute aortic syndrome *S. Shariff*
- 14:06 – 14:12 Staged hybrid and endovascular repair of thoracoabdominal aortic aneurysm *V. Patel*
- 14:12 – 14:18 Technique of 2 chimney (visceral) and 2 sandwich (renal) parallel grafts for supraceliac AAAs and TAAAs: they can produce very secure repairs *J. McKinsey*
- 14:18 – 14:36 Discussion
- Selected abstracts**
- 14:36 – 14:42 A population-based systematic screening of AAA. Implications in the country with Europe's lowest treatment incidence *R. Castro-Ferreira*
- 14:42 – 14:48 Early detection of abdominal aortic aneurysm network in a general ultrasonography referred population *S. Peralta*
- 14:48 – 14:54 Self-expanding versus balloon-expandable stents for aortic coarctation in adolescents and adults: a 12-year single-center experience *B. Mohebbi*
- 14:54 – 15:00 Mid-term follow up after traumatic thoracic aortic rupture *B. Cucuruz*
- 15:00 – 15:06 Multicenter experience with in situ fenestration for endovascular aortic arch repair: data from the AARCHIF registry *R. Kopp*
- 15:06 – 15:12 Graft complexity related outcomes of fenestrated endografting for abdominal aortic aneurysms *K. Oikonomou*
- 15:12 – 15:18 Mycotic visceral artery aneurysms management: short and midterm results *R. Khalil*
- 15:18 – 15:24 Endovascular aneurysm sealing with chimney grafts – outcomes from the first 62 cases at a single institution *K. Stenson*
- 15:24 – 15:30 Operative and mid-term outcomes of the fenestrated Anaconda stent graft in the endovascular treatment of juxtarenal, suprarenal and Type IV thoracoabdominal aortic aneurysms *D. Kotelis*
- 15:30 – 15:36 Are endoleaks Type Ia predictable? *A. Settembrini*
- 15:36 – 15:42 Long term outcomes of coil embolisation for Type II endoleak after EVAR *J. Tazaki*
- 15:42 – 15:48 Transabdominal direct sac puncture embolisation of type II endoleaks after endovascular abdominal aortic aneurysm repair (EVAR) *R. Zener*
- 15:48 – 15:54 Intra-operative fusion integrating vascular deformations for EVAR *A. Kaladji*
- 15:54 – 16:30 Discussion



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MEDI  ENTURES

AUDIOVISUAL PRODUCTIONS FOR THE MEDICAL, MORE ADVENTUROUS WORLD

- 08:00 – 09:30 The last frontiers: Complex tibial and below-the-ankle interventions**
Moderators: J. Mustapha, R. Ferraresi
Panel: F. Vermassen, M. Edmonds, K. Hirano, S. Kum, S. Nikol
 ■ *Live case transmission from Leipzig*
 08:00 – 08:25 Angiosome revascularisation strategies in real world practice: how much difference does it make? *P. Schneider*
 08:25 – 08:32 Retrograde tibial puncture has changed the algorithm for crossing tibial lesions in CLI: How and when to do it? *J. Mustapha*
 08:32 – 08:39 A systematic review of results with the retrograde tibial approach *O. Bakker*
 08:39 – 08:46 ■ *Live case transmission from Abano Terme*
 08:46 – 09:11 When is below-the-ankle angioplasty indicated and how to introduce it into your practice *R. Ferraresi*
 09:11 – 09:18 Aggressive below-the-ankle intervention: Its effect on long term outcome *K. Urasawa*
 09:18 – 09:25 Discussion and conclusion
- 09:30 – 11:00 Symposium: Built on evidence: Stellarex DCB technology and clinical program**
 supported with an educational grant from Spectranetics
Moderator: S. Lyden
Panel: M. Brodmann, S. Duda, H. Schröder, G. Torsello, M. Lichtenberg
 09:30 – 09:38 4 trials/1.000+ patients: results from the ILLUMENATE SFA program *M. Brodmann*
 09:38 – 09:58 ■ *Live case transmission from Bad Krozingen*
 09:58 – 10:06 Stellarex evidence in diabetics *S. Duda*
 10:06 – 10:12 Stellarex evidence in females *H. Schröder*
 10:12 – 10:18 Role of vessel preparation in contemporary DCB practice *M. Lichtenberg*
 10:18 – 10:55 ■ *Live case transmission from Leipzig*
 10:55 – 11:00 Discussion and conclusion
- 11:00 – 12:30 Glimpse into the future:**
New treatment approaches and technologies for peripheral arterial disease
Moderators: W. Gray, M. Brodmann
Panel: A. Holden, G. Adams, B. Smouse, S. Duda, A. Erglis
 11:00 – 11:06 Clinical outcomes and magnetic resonance angiography assessment of a new dual component vascular stent *K. Katsanos*
 11:06 – 11:12 Design principles of the BioMimics 3D stent and why it's ideal for fempop intervention *B. Smouse*
 11:12 – 11:17 Real world experience with BioMimics 3D, the swirling flow stent *M. Lichtenberg*
 11:17 – 11:36 ■ *Live case transmission from Bad Krozingen*
- First time data release**
 11:36 – 11:41 Final results of the feasibility study for the drug-coated Chocolate Touch PTA balloon of femoropopliteal lesions *A. Holden*
 11:41 – 11:47 Direct micropuncture mediated deep adventitial drug delivery – New insights from the DANCE project and future prospects *D. Scheinert*
 11:47 – 11:53 Percutaneous bypass with the DETOUR procedure: Using the femoral vein as a natural conduit ... In situ with a twist! *G. Halena*
 11:53 – 12:18 ■ *Live case transmission from Münster*
 12:18 – 12:24 New evidence review for OCT guided atherectomy: Long term patency, in-stent restenosis, and zero contrast/fluoroscopy in CKD patients *J. Mustapha*
 12:24 – 12:30 Future of OCT guided technologies for PAD: True lumen measurement, BTK platform, and calcium therapies *J. George*

- 12:30 – 13:25 Lunch symposium:**
Live case with Dr. Andrej Schmidt:
Sophisticated CLI access and crossing techniques
 supported with a restricted educational grant from COOK Medical
Moderator: C. Walker
Panel: R. Ferraresi, F. Airoidi, M. Montero-Baker
- 13:30 – 15:00 Treatment of complex aortoiliac disease: Latest techniques and results**
Moderators: H. Krankenberg, P. Peeters
Panel: P. Goverde, F. Vermassen, G. Oderich, P. Soukas, P. Mwiripatayi
 13:30 – 13:55 ■ *Live case transmission from Leipzig*
 13:55 – 14:02 Outcomes of polytetrafluoroethylene-covered stent in the primary treatment of severe iliac artery obstructive lesions *M. Ferri*
 14:02 – 14:09 Endovascular treatment of severe TASC C and D external iliac artery occlusive disease *B. Saint-Lèbes*
 14:09 – 14:16 Final results of the BOLSTER study: A prospective, multicenter study of a balloon-expandable ePTFE-covered stent for obstructive lesions in the iliac artery *A. Holden*
 14:16 – 14:23 Covered endovascular reconstruction of the aortic bifurcation (CERAB) as treatment of extensive aortoiliac occlusive disease: 3-year results *P. Goverde*
 14:23 – 14:48 ■ *Live case transmission from Bad Krozingen*
 14:48 – 15:00 Discussion
- 15:00 – 16:30 Challenges and new concepts in hemodialysis access and upper extremity interventions**
Moderators: A. Holden, S. Duda
Panel: K. Katsanos, D. Branzan, R. Ferraresi
 15:00 – 15:07 Strategy and technical tips in treating AV fistulas *J. van den Berg*
 15:07 – 15:22 Review of clinical evidence: The role of DCB for the treatment of failing dialysis access stenosis *K. Katsanos*
- First time data release**
 15:22 – 15:27 6-month results of the Lutonix US IDE trial for treatment of AV-fistula obstructions in HD patients *S. Trerotola*
 15:27 – 15:34 Technical aspects for treating AV fistulae with IN.PACT DCB *A. Holden*
 15:34 – 15:39 Endovascular treatment for central venous obstruction in hemodialysis patients *W. Liang*
 15:39 – 16:06 ■ *Live case transmission from Münster*
 16:06 – 16:13 Shifting the paradigm for dialysis access: The latest everlinQ endoAVF clinical experience and technology evolution *T. Steinke*
 16:13 – 16:20 What is the true cause of critical hand ischaemia? Results in a large cohort of hemodialysis patients *R. Ferraresi*
 16:20 – 16:27 Thrombolytic therapy of distal upper extremity occlusions (hypothener hammer syndrome): A therapeutic option for a rare disease *M. Brodmann*
 16:27 – 16:30 Discussion



- 16:30 – 18:00 **The last frontiers: Interventional treatment of common femoral and popliteal artery disease**
 Moderators: L. Garcia, M. Bosiers
 Panel: B. Smouse, S. Seifert, T. Fuß, Y. Gouëffic, C. Metzger, W. Liang
- 16:30 – 16:37 The common femoral artery – an anatomical region still reserved for treatment by the surgeons? *M. Brodmann*
- 16:37 – 16:44 Stenting of the common femoral artery for atherosclerotic lesions: is it feasible and how and when we do it *P. Goverde*
- 16:44 – 17:08 ■ *Live case transmission from Bad Krozingen*
- 17:08 – 17:15 A randomised comparison of endovascular versus surgery treatment of common femoral artery disease: Results from the TECCO trial *Y. Gouëffic*
- 17:15 – 17:22 First experiences in the VMI-CFA study: investigating the Supera stent in the common femoral artery. Is the Supera a valuable alternative for common femoral endarterectomy? *K. Deloose*
- 17:22 – 17:46 ■ *Live case transmission from Leipzig*
- 17:46 – 17:53 DCB for popliteal artery stenosis: The IN.PACT Flexion trial *P. Peeters*
- 17:53 – 18:00 Directional atherectomy plus DCB versus DCB alone for isolated lesions of the popliteal artery *K. Stavroulakis*



- 08:00 – 11:00 **Latest techniques for endovascular repair of aortic aneurysms and dissections in the thoracic aorta and the arch**
 Moderators: M. Malina, P. Cao
 Panel: M. Thompson, M. Lachat, F. Veith, M. Misfeld, H. Rousseau, W. Fu
- 08:00 – 08:06 **Controversies in the management of thoracic aortic pathologies**
 Is there a way to predict the risk in uncomplicated Type B aortic dissections? *F. Moll*
- 08:06 – 08:12 In most uncomplicated Type B aortic dissection patients TEVAR leads to false lumen thrombosis and stability *C. Nienaber*
- 08:12 – 08:18 Highlights from the ESVS guidelines for the management of aortic Type B dissection *V. Riambau*
- 08:18 – 08:24 Bovine arch and the outcome for acute dissection; is it dangerous? *J. Brunkwall*
- 08:24 – 08:30 Technical tips and tricks for successful treatment of aortic dissections *W. Fu*
- 08:30 – 08:36 Management of intramural hematoma and penetrating ulcers – what is different? *D. Böckler*
- 08:36 – 08:42 Uptake of 18F-FDG: new predictor for Type B IMH progression *J. Luo*
- 08:42 – 08:48 Aneurysms and dissections in Marfan and degenerative *G. Melissano*
- 08:48 – 09:23 ■ *Live case transmission from Leipzig*
- 09:23 – 09:29 **Device parade: Design improvements for thoracic stent-grafts**
 Conformability of new generation TEVAR device: Is there a difference? *L. Canaud*
- 09:29 – 09:35 The new Valiant EVO device for TEVAR: What makes it better? *F. Verzini*
- 09:35 – 09:41 Performance of the conformable GORE TAG device across multiple indications: follow up and outcomes on more than 800 patients *S. Trimarchi*
- 09:41 – 09:47 Relay thoracic stent-graft FDA phase II clinical trial *C. Kwolek*
- 09:47 – 09:53 **Innovative solutions for aortic arch pathologies and beyond**
 Full surgical repair of the aortic arch – what is best practice? *M. Misfeld*
- 09:53 – 09:59 Cervical debranching for endovascular arch repair – results, tips, and tricks *S. Debus*
- 09:59 – 10:06 Chimneys and parallel grafts for arch repair:
 Current review of best indications and techniques *F. Criado*
- 10:06 – 10:12 Aortic arch repair with Bolton RelayBranch stentgraft system *J. A. van Herwaarden*
- 10:12 – 10:18 In situ fenestration for arch reconstruction: Chinese experience *W. Guo*
- 10:18 – 10:24 Nexus aortic arch stentgraft: Mid-term results *M. Lachat*
- 10:24 – 10:30 Endovascular solution for pathologies of the ascending aorta:
 What is on the horizon? *R. Kolvenbach*
- 10:30 – 10:55 ■ *Live case transmission from Bad Krozingen*
- 10:55 – 11:00 Discussion

- 11:00 – 12:00 Expanding endovascular capabilities: Proven solutions for enhanced durability**
supported with an educational grant from Gore & Associates
Moderator: M. van Sambeek
Panel: M. Reijnen, D. Böckler, R. Rhee, G. Oderich
- 11:00 – 11:05 Introduction
- 11:05 – 11:15 GORE® EXCLUDER® AAA endoprosthesis demonstrates long-term durability
M. Reijnen
- 11:15 – 11:25 Going the distance: Conformable GORE® TAG® device demonstrates durable TEVAR outcomes over the long-term *D. Böckler*
- 11:25 – 11:35 Challenges with complex anatomies:
Advancing care in endovascular treatment *R. Rhee*
- 11:35 – 11:45 New horizon in endovascular care: early experience with an innovative branched device *G. Oderich*
- 11:45 – 12:00 Discussion and conclusion
- 12:30 – 13:30 Lunch symposium:**
Ovation: Access more patients and customise each seal
supported with an educational grant from Endologix
Moderator: D. Scheinert
Panel: M. Tenholt, V. Ramaiah, M. Storck, A. Holden
- 12:30 – 12:40 Mid-term outcomes of the Ovation abdominal stent-graft system for endovascular aneurysm repair *M. Tenholt*
- 12:40 – 12:50 Fast-track: Results from the prospective LIFE registry *V. Ramaiah*
- 12:50 – 13:00 EVAR in female anatomy: The gender registry *M. Storck*
- 13:00 – 13:20 Ovation ALTO procedure *A. Holden*
- 13:20 – 13:30 Discussion
- 13:30 – 15:00 Symposium: Strategies, devices, and techniques to optimise solutions for endovascular aortic repair**
supported with an educational grant from Medtronic
Moderator: F. Verzini Panel: G. Torsello, D. Böckler, H. Verhagen, V. Riambau, K. Donas, M. Lachat
- 13:30 – 13:38 When can standard EVAR be safely and durably performed in patients with challenging anatomies? *H. Verhagen*
- 13:38 – 14:03 ■ *Live case transmission from Münster*
- 14:03 – 14:11 Endoanchors in practice – clinical applications and techniques for success
V. Riambau
- 14:11 – 14:19 Insights from the PROTAGORAS/PERICLES registries: impact on chEVAR results through standardisation of patient selection, devices and techniques.
K. Donas
- 14:19 – 14:27 ChEVAR in practice – clinical application and techniques for success *M. Lachat*
- 14:27 – 14:50 ■ *Live case transmission from Münster*
- 14:50 – 15:00 *Panel discussion:*
EVAR, EVAR + EndoAnchor, or chEVAR: When does it make sense to utilise these techniques to optimise outcomes in complex EVAR?



- 15:00 – 18:00 The last frontiers: Remaining challenges in TEVAR and pioneering solutions for thoracoabdominal aneurysms**
Moderators: M. van Sambeek, G. Torsello
Panel: M. Misfeld, A. Lobato, P. Kelly, E. Verhoeven, M. Malina, R. Kolvenbach
- Remaining challenges and new solutions in TEVAR**
- 15:00 – 15:07 Upward (cranial) migration of thoracic endografts:
Etiology and how to prevent it and treat *V. Riambau*
- 15:07 – 15:14 Value of LSA branch devices in clinical practice – early experience with the Valiant MonalSA device *H. Rousseau*
- 15:14 – 15:21 The role of air-embolisation for stroke in TEVAR and how to prevent it by CO2-flushing *T. Kölbl*
- 15:21 – 15:28 Recurrent operations after TEVAR: Incidence, tips and tricks, and results
R. Chiesa
- 15:28 – 16:05 ■ *Live case transmission from Lille*
- Endovascular vs. open repair of thoracoabdominal aneurysms**
- 16:05 – 16:12 Thoracoabdominal aortic aneurysms open repair:
Updated multimodal approach *R. Chiesa*
- 16:12 – 16:19 Comparison of open surgery, hybrid techniques, and F/branched endograft for thoracoabdominal aneurysm *P. Cao*
- 16:19 – 16:26 Valiant TAAA device from Medtronic: Based on a manifold principle with multiple branches to visceral, renal, and iliac arteries:
Concept and early results with a potentially OTS device *P. Kelly*
- 16:26 – 16:33 Implantation of fenestrated Anaconda™ custom AAA graft system (video)
P. Bungay
- 16:33 – 16:40 Fenestrated Anaconda™: Experience in 101 cases in the UK *R. Williams*
- 16:40 – 16:47 Parallel grafts (snorkels, chimneys) in endovascular TAAA-repair:
techniques, results, and current indications *A. Lobato*
- 16:47 – 16:54 Treatment of chronic dissections with fenestrated and branched endografts
E. Verhoeven
- 16:54 – 17:32 ■ *Live case transmission from Münster*
- 17:32 – 17:39 TEVAR and distal septostomy in chronic dissection – a new approach in selected patients with descending aorta aneurysm *M. Lachat*
- 17:39 – 17:46 Direct false lumen occlusion techniques in chronic TBAD.
Update on techniques and results *T. Kölbl*
- 17:46 – 17:53 What is the benefit of MEP's in branched EVAR for TAAA in preventing paraplegia? *P. Kasprzak*
- 17:53 – 18:00 Ischaemic preconditioning by selective lumbar coiling prior to EVAR for prevention of paraplegia – Initial clinical experience *D. Branzan*

08:00 – 09:30 **CLI and CTO summit – complex aorto-iliac disease**
 ■ with Thomas Zeller live from Bad Krozingen
 ■ with Arne Schwindt live from Münster
 Moderators: M. Dake, T. Rand Panel: L. Maene, C. Rabbia, G. Oderich
 Bare metal or nitinol stents for the iliax: Results of the randomised ICE trial
 H. Krankenberg
 Hybrid procedures for complex vessel anatomies H. Staab
 2D Perfusion imaging to assess the result of BTK interventions S. Sasaki

09:30 – 11:30 **CLI and CTO summit – complex BTK and BTA disease**
 ■ with Marco Manzi live from Abano Terme
 ■ with Andrej Schmidt live from Leipzig
 Moderators: O. Iida, G. Biamino
 Panel: J. Mustapha, R. Ferraresi, D.-D. Do, F. Liistro
 Retrograde tibial puncture has changed our algorithm for crossing tibial
 lesions in CLI: How and when to do it? P. Schneider
 PRIME registry data: Value of ultrasound guided access in complex CLI
 procedures J. Mustapha
 In-foot treatment: What not to do! Clinical experience E. Ducasse
 Current meta-analysis comparison between DCB and POBA
 in below-the-knee therapy J. Mustapha
 New DCB for BTK treatment: The fight is back! Preliminary data
 of two randomised trials with DCB vs. PTA in patients with CLI
 undergoing tibials revascularisation. F. Liistro

11:30 – 12:30 **Evolutions in vessel closure – experiences with percutaneous access and closure**
 supported with an educational grant from Abbott Vascular
 Moderators: G. Pratesi, V. Ramaiah Panel: W. Lansink, B. Freitas, B. Vierhout

11:30 – 11:35 Introduction

11:35 – 11:45 Predictors for good outcomes in large hole access and closure G. Pratesi

11:45 – 11:55 Smaller profile devices in EVAR and TEVAR. How do they change practice?
 W. Lansink

11:55 – 12:05 The Leipzig PEVAR experience B. Freitas

12:05 – 12:15 The LIFE registry demonstrates: PEVAR is the way to go
 with small profile devices V. Ramaiah

12:15 – 12:25 Piero trial – randomised comparison of open access to PEVAR
 in 140 patients B. Vierhout

12:25 – 12:30 Summary and conclusion G. Pratesi

12:35 – 13:20 **Lunch symposium: Penumbra advancements in embolisation technologies and innovative techniques for carotid revascularisation**
 supported with an educational grant from Penumbra
 Moderator: L. Moramarco
 Panel: I. McCafferty, P. Musialek

12:35 – 12:40 Introduction

12:40 – 12:50 Ruby, POD, and POD packing coil: A game changer in the paradigm
 of peripheral treatment with new embolisation tools? L. Moramarco

12:50 – 13:00 New frontiers in embolisation technology:
 Ruby, POD packing coil and lantern I. McCafferty

13:00 – 13:10 CGuard embolic prevention system (EPS) – routine use in carotid
 revascularisation for stroke prevention: Accumulating clinical evidence
 P. Musialek

13:10 – 13:20 Discussion

13:30 – 17:00 **“The very sick patient” – Patient oriented approaches in severe critical limb ischaemia, renal failure, and beyond**
 ■ with Andrej Schmidt live from Leipzig
 ■ with Thomas Zeller live from Bad Krozingen
 ■ with Marco Manzi live from Abano Terme
 Moderators: R. Varcoe, S. Nikol
 Panel: S. Kum, E. Blessing, H. Ando, R. Aschenbach, M. Montero-Baker

Arterialisation of the venous system of the foot in no-option CLI patients:
 a hybrid (open + endo) approach R. Ferraresi

The Limflow procedure for venous arteriolisation – a case based review
 A. Schmidt

The Limflow video presentation R. Ferraresi, S. Kum

Carbon dioxide angiography and angioplasty reduces contrast-induced
 nephropathy and acute kidney injury K. Katsanos

Feasibility of CO₂-angiography for EVAR in patients with chronic kidney disease
 D.-D. Do

Ultrasound guided revascularisation of complex peripheral obstructions
 J. Mustapha

Is duplex ultrasound better than angiography to predict target vessel failure/
 success after DCB in BTK intervention? F. Liistro

Impact of chronic renal failure on safety and effectiveness of paclitaxel-eluting
 stents for femoropopliteal artery disease: 24-month results from the Zilver PTX
 post-market surveillance study in Japan Y. Ogawa

Cell and gene therapy for CLI: Update on current evidence and ongoing projects
 S. Nikol

A cost analysis comparing endovascular and surgical options for patients
 with critical limb ischaemia R. Varcoe



- 10:00 – 11:00** **How the unique features of the Tigris vascular stent relate to optimal clinical outcomes: a review of cases**
supported with an educational grant from Gore & Associates
Moderator: A. Ruffino
Introduction by the moderator
Case discussion – Radial strength *M. Sibé*
Case discussion – Accuracy *N. Collin*
Case discussion – Flexibility *M. Sirvent*
Case discussion – Fracture resistance *M. Werner*
Discussion and conclusion
- 11:15 – 12:15** **Symposium: Off-the-shelf options to treat challenging aortic anatomies**
supported with an educational grant from Medtronic
Moderators: D. Scheinert, G. Torsello
What are the advantages using endoanchors in TEVAR? *P. Kasprzak*
Treatment and embolisation of endoleak TYPE IA and II *M. Treitl*
CHEVAR + ONYX: The easy “no-gutters” strategy *R. Kolvenbach*
Can we improve the results in EVAR/TEVAR with our current toolbox? *S. Seifert*
Type 1A endoleak repair in hostile neck anatomies: Endoanchors can fix it *D. Böckler*
Discussion and conclusion
- 12:30 – 13:30** **THE GREAT DEBATE “Meet the venous experts”:
Burning questions in venous interventions**
supported with an educational grant from Boston Scientific
Moderator: M. Dake
Introduction
Do we have enough evidence on the clinical need and benefit of venous interventions? *M. Dake*
Clinical work-up of the venous patient – what is essential? *S. Black*
What is the optimal techniques for thrombus removal in acute DVT? *G. O’ Sullivan*
How to best approach chronic venous occlusions? *N. Kucher*
What are the features of the ideal venous stent? *R. de Graaf*
Discussion
- 13:45 – 14:45** **Antithrombotic treatment in PAD – current status and future perspectives**
Moderators: R. Bauersachs, U. Hoffmann
Is there enough evidence for DAPT after endovascular intervention for PAOD?
I. Baumgartner
Antiplatelet therapy in PAD – insights from EUCLID *U. Hoffmann*
Lessons learned from the TRA 2°P–Trial–Vorapaxar *R. Bauersachs*
What is on the horizon?
Update on the EPAD study on Endoxaban *F. Moll*
Update on the Voyager study *E. Debus*

- 15:00 – 16:00** **VIVA@LINC: Strategies on the frontline: case-based examinations of contemporary aortic issues**
Moderator: M. Dake
My algorithmic approach to management of chronic Type B aortic dissection:
Technical tips *S. Lyden*
Endoleaks post fenestrated and branched endografts:
How I assess and treat *G. Oderich*
My strategies for evaluation and management of acute IMH:
When and how I intervene *P. Schneider*
The current best technical practices for parallel branch grafts:
How to avoid endoleaks with CHIMPS – When do we cross out of a comfort zone?
C. Kwolek
How I deal with thoracoabdominal aneurysms:
Contemporary off-the-shelf endovascular considerations *V. Rimbau*



- 09:30 – 10:30** **Five unusually challenging fempop cases – What would you have done and how I treated**
supported with an educational grant from Abbott Vascular
Moderators: I. Baumgartner, L. Diaz-Sandoval
Case presentations *L. Diaz-Sandoval, E. Blessing, M. Montero-Baker, T. Fuß, K. DeLoose*
Experts' discussion
- 10:30 – 12:30** **Nurse and Technician Forum – Part I**
Moderators: M. Werner, K. Keirse
- Basic techniques in peripheral interventions**
Step by step: Aortoiliac interventions *P. Schneider*
Step by step: How I treat SFA lesions *K. DeLoose*
Step by step: Infrapopliteal revascularisation *V. Alexandrescu*
Stenting in peripheral arteries: Considerations for lesion specific device use *J. Heyne*
Step by step: Hybrid procedures for peripheral arterial disease *D. Branzan*
Step by step: Abdominal aortic aneurysm: basics of endovascular repair *J.-P. de Vries*
Step by step: Carotid stenting – Dos and Don'ts *G. de Donato*
Discussion
- Advanced technologies in peripheral interventions**
Atherectomy: Data and current developments *R. Langhoff*
Lithoplasty: A solution for calcified lesions? *M. Brodmann*
Drug eluting balloons: Update *M. Haumer*
Drug eluting stents: New devices *K. Keirse*
Discussion
- 12:30 – 13:30** **Lunch symposium: Treatment of various aneurysms with multilayer stent MFM**
supported with an educational grant from Cardiatis
Moderator: R. Kolvenbach
Panel: I. Petrov, R. Palmeiro Rodrigues, R. Portugaller
- 12:30 – 12:35** Introduction
- 12:35 – 12:43** Application of MFM technology in complex aortic pathology. Five years experience *I. Petrov*
- 12:43 – 12:51** Mechanobiology of the MFM in the treatment of complex thoracoabdominal aneurysm and dissection *R. Palmeiro Rodrigues*
- 12:51 – 12:59** Flow modulation – a new endovascular approach in acute dissections *R. Kolvenbach*
- 12:59 – 13:07** Treatment of visceral aneurysms with MFM multilayer stent and outcome *R. Portugaller*
- 13:07 – 13:15** MFM – what we have learned after 4 years *TBD*
- 13:15 – 13:30** Discussion



- 13:30 – 15:00** **Nurse and Technician Forum – Part II**
Moderators: M. Werner, K. Keirse
- Miscellaneous**
13:30 – 13:37 Venous stenting *O. Schlager*
13:37 – 13:44 Endoluminal treatment of varicose veins *E. Singer*
13:44 – 13:51 Radiation safety *A. Gangl*
13:51 – 13:58 Complications in the cathlab, and what the team learned from it *P. Schneider*
13:58 – 14:05 Preplanning a vascular intervention – non-invasive imaging *M. Schoder*
14:05 – 14:12 Vascular malformations – therapeutic options *R. Clemens*
14:12 – 14:19 Tasks of a study nurse *M. Brodmann*
14:19 – 14:26 Treatment of complex aneurysm (fenestrated/branched endograft): The Münster Algorithm *B. Berekoven*
14:26 – 14:31 Discussion
- Critical limb ischaemia**
14:31 – 14:38 CLI: Optimal care, an interdisciplinary challenge *M. Haumer*
14:38 – 14:45 Cardiovascular disease in CLI patients *E. Singer*
14:45 – 14:52 Diabetic foot syndrome diagnosis and treatment *J. Fahrni*
14:52 – 14:59 Critical limb ischemia: 1-year results of the Critisch registry *A. Stachmann*
14:59 – 15:00 Discussion





- 09:30 – 10:30 Miscellaneous topics: upper extremity interventions, coiling, AV-shunt**
Moderator: P. Huppert Panel: R. Heuser
- 09:30 – 09:36 Strategies for upper extremity interventions *G. Chrysant*
 09:36 – 09:42 Classification and endovascular treatment of celiac trunk aneurysms
D. Mascia
- 09:42 – 09:48 Staged extended thoracoscopic sympathectomy for palmo-axillo-plantar
 hyperhidrosis: feasibility and outcome (pilot study) *K. Elalfy*
 09:48 – 09:54 Safety and efficacy of clip-based vs. suture mediated vascular closure
 for femoral access hemostasis: A prospective randomised single center study
 comparing the StarClose and the ProGlide device *O. Klein-Wiele*
 09:54 – 10:00 Endovascular treatment of traumatic arteriovenous fistulas in different
 locations *A. Frantsevich*
- 10:00 – 10:06 Role of interventional radiology in the management of peripheral vascular
 malformations: A tertiary care centre experience *M. M. Tahir*
 10:06 – 10:12 Uterine artery coil embolisation in cervical and incisional ectopic pregnancy
H. Hemmati
 10:12 – 10:18 Early-access upper extremity grafts offer no benefit over standard grafts
 in hemodialysis access *S. Steerman*
 10:18 – 10:24 Techniques for the end stage of dialysis access: the Hemodialysis Reliable Outflow
 (HeRO) system, femoral vein transposition fistulae, and direct caval puncture for
 tunneled dialysis catheters *W. Lee*
 10:24 – 10:30 Assessing radiocephalic wrist arteriovenous fistulas of obtuse anastomosis using
 computational fluid dynamics and clinical application *S.-C. Park*
- 10:30 – 12:00 Challenging cases and complications –
 Embolisation therapy/visceral/renal/miscellaneous**
Moderator: K. Mathias Panel: R. Aschenbach
- 10:30 – 10:36 Coil embolisation of acutely expanding spontaneous splenic artery dissection
J. Ebaugh
 10:36 – 10:42 Successful embolisation of bronchial artery aneurysms *E. Lonjedo*
 10:42 – 10:48 A novel trans-collateral arterial embolisation for traumatic pelvic artery injury in
 patient with Leriche syndrome *T. Takei*
 10:48 – 10:54 Stent assisted coil embolisation of a giant common hepatic artery aneurysm
 by use of a self-expanding neurointerventional stent *Y. Onal*
 10:54 – 11:00 Lower limb thrombosis in patient with constant uterine bleeding *P. Gyndych*
 11:00 – 11:06 TIPSS in uncontrolled variceal haemorrhage: place for a parallel approach?
S. Patil
 11:06 – 11:12 Should mesenteric revascularisation be staged: Report of 3 cases *A. Olcay*
 11:12 – 11:18 Superior mesenteric artery pseudo-aneurysm caused by mitral valve endocarditis:
 a case report and review of literature *C. Schoonjans*
 11:18 – 11:24 Percutaneous mechanical thrombectomy for renal artery thrombosis using
 AngioJet® for salvaging kidney *M. A. Husainy*
 11:24 – 11:30 Endovascular management of SMA branch aneurysm combined with AV fistula
B. Lukic
 11:30 – 11:36 Percutaneous angioplasty with drug eluting balloon for aorto-mesenteric
 venous bypass stenosis *A. Kerzmann*
 11:36 – 11:42 A rare case of giant cell arteritis treated for bilateral limb thromboembolism
G. Galyfos
 11:42 – 12:00 Discussion

- 12:30 – 13:36 Innovation Forum – Peripheral Vascular Disease**
Moderator: J. Laird Panel: C. Rabbia
- 12:30 – 12:36 Buddy needle technique to facilitate retrograde puncture of heavily calcified tibial vessels *E. Mikelarena*
- 12:36 – 12:42 Endovascular tibial in situ bypass using the everlinQ system *J. Mustapha*
- 12:42 – 12:48 Novel 6Fr articulating OCT guided directional atherectomy catheter for infra-popliteal disease *J. Mustapha*
- 12:48 – 12:54 Effectivity of a synthetic intimal-coating in the prevention of intimal hyperplasia after vascular damage – an animal pilot study *Steven van Haelst*
- 12:54 – 13:00 The development of a novel treatment using peripheral balloon angioplasty system with integrated embolic protection in the lower extremities *W. Gray*
- 13:00 – 13:06 Correlation between chronic outward force (COF) and neointimal hyperplasia in self-expanding nitinol stents in swine in clinically relevant oversizing ranges *M. Funovics*
- 13:06 – 13:12 Initial experience creating endovascular arteriovenous fistula (endoAVF) at European vascular centers *T. Steinke*
- 13:12 – 13:18 Vas Q – An innovative external support device improves functionality of arteriovenous fistulas: clinical study updates *N. Karydis*
- 13:18 – 13:24 Verve's disruptive non-vascular catheter option in chronic kidney disease *R. Heuser*
- 13:24 – 13:30 The use of CrossLock™ catheter for treatment of both coronary and peripheral CTO *R. Heuser*
- 13:30 – 13:36 Analysis of outcomes for bioresorbable vascular scaffold use for the treatment of peripheral vascular disease *M. Ansari*

14:00 – 15:00 Challenging cases and complications – venous

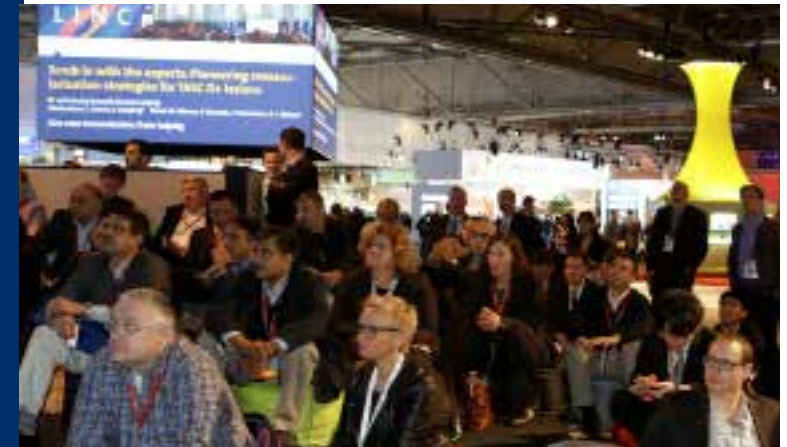
Moderator: R. de Graaf Panel: S. Black, N. Kucher

- 14:00 – 14:06 Endovascular reconstruction of the inferior vena cava and bilateral iliac veins, in a case of obstruction secondary to retroperitoneal fibrosis
A. R. Morata
- 14:06 – 14:12 Nutcracker syndrome anterior and posterior. Endovascular treatment of two cases with Venono® stent *A. R. Morata*
- 14:12 – 14:18 Endovascular stenting of benign superior vena cava syndrome *A. Afonso*
- 14:18 – 14:24 Unclassic redo endovascular solution for central venous occlusion *M. Salah*
- 14:24 – 14:30 Massive pulmonary embolisation due to embolization for renal arteriovenous fistula with huge renal vein sac *S. Onozawa*
- 14:30 – 14:36 A case of successful endovascular treatment of post-traumatic cava-aorta fistula *T. Khafizov*
- 14:36 – 14:42 Balloon pulmonary angioplasty in chronic thromboembolic pulmonary hypertension *T. Park*
- 14:42 – 15:00 Discussion

- 15:00 – 16:30 Challenging cases and complications – Carotid/iliac/miscellaneous**
Moderator: J. Balzer
Panel: R. Langhoff
- 15:00 – 15:06 Endovascular repair of a challenging neglected impending rupture carotid pseudoaneurysm with carotid-jugular AV fistula *A. Farghaly*
- 15:06 – 15:12 Endovascular management of ruptured vertebral artery *A. Khan*
- 15:12 – 15:18 Angioplasty and stent placement of a jailed right common carotid artery in a high risk patient in the setting of acute stroke *P. Soukas*
- 15:18 – 15:24 Carotid artery stenting for stroke one day after PCI for acute myocardial infarction *P. Soukas*
- 15:24 – 15:30 Arterio-venous fistula with pseudoaneurysm of major trunk vessels, surgery or endovascular management? *M. Haggag*
- 15:30 – 15:36 Endovascular treatment of a true axillary artery aneurysm by stentgraft implantation *S. Anton*
- 15:36 – 15:42 A successful intervention to the patient with leriche syndrome *G. Dagan*
- 15:42 – 15:48 Off-label use of suture-mediated closure system as bailout in arterial iatrogenic lesions: case report *R. Castro-Ferreira*
- 15:48 – 15:54 "The day I met the mother of all pseudoaneurysms": successful endovascular treatment of a massive common femoral artery aneurysm not amenable to surgical repair *S. Arain*
- 15:54 – 16:30 Discussion

- 10:00 – 11:30 Challenging cases and complications – EVAR (Part I)**
Moderator: R. Ghotbi
Panel: F. Criado, P. Kasparzak
- 10:00 – 10:06 Endovascular treatment of an infected aortic aneurysm involving the visceral vessels *A. Sayed*
- 10:06 – 10:12 Type IV thoracoabdominal aneurysm in renal allograft recipient endovascular management with unforeseen outcome *A. El Samadoni*
- 10:12 – 10:18 False lumen catheterization and coil embolization to treat Type Ia endoleak after TEVAR and stent-graft extension *C. He*
- 10:18 – 10:24 Transiliac paraendograft embolisation with Onyx glue of a persistent Type II endoleak *C. Busoni*
- 10:24 – 10:30 Aortic de-branching before TEVAR with the help of a cross over external carotid artery bypass – Pulsatile cerebral flow to the brain even in the presence of proximal carotid clamp *D. M. Oztas*
- 10:30 – 10:36 Endovascular treatment of thrombosis (acute) of aneurysm of abdominal aorta through bifurcated endoprosthesis: report of six cases *F. Pereira*
- 10:36 – 10:42 Spontaneous rupture of the aortic bifurcation: endovascular treatment and complications *J. Rio*
- 10:42 – 10:48 EVAS combined with tree vessel chimney for Type 1A endoleak treatment *J. Catarino*
- 10:48 – 10:54 Endovascular treatment of acquired arteriovenous fistula with severe hemodynamic effects: a case report *K. El Samman*
- 10:54 – 11:00 *Listeria monocytogenes* aorto-iliac related infections. report of two cases *M. Asunci6n, R. Lozano*
- 11:00 – 11:06 Stenting angulated aortic aneurysm neck before endovascular aortic repair: a case report *M. Elfarok*
- 11:06 – 11:12 Free esophageal perforation following hybrid visceral debranching and distal endograft extension to repair a ruptured thoracoabdominal aortic aneurysm *S. Koussayer*
- 11:12 – 11:18 Rare cause for acute lower limb ischemia after unilateral internal iliac artery embolisation for EVAR: Type IIb persistent sciatic artery *K. K. Wong*
- 11:18 – 11:24 Massive atheroembolism after CO2 EVAR *M. A. Fabiani*
- 11:24 – 11:30 Discussion

- 12:30 – 13:35 Innovation Forum – EVAR**
Moderator: T. Kölbl *Panel: J.-P. de Vries, P. Kelly*
- 12:30 – 12:36 EVAR for AAA without conventional angiography in patients with normal and impaired renal function using VesselNavigator *J. K. Kim*
- 12:36 – 12:42 Early Canadian experience with the Nexus arch endograft *T. Lindsay*
- 12:42 – 12:48 Pilot trial: Cerebral embolic protection in TEVAR *G. Grover*
- 12:48 – 12:54 Using inner branches with funnel-like ostium in the treatment of the thoracoabdominal aneurysms. First experience in the development of a new off-the-shelf-prostheses *A. Koshty*
- 12:54 – 13:00 Simplified f-EVAR by a new endovascular device. Clinical safety and functionality study of The Guidewire Fixator *K. Liungman*
- 13:00 – 13:06 One-wire-technique: First experiences with a new technique for the endovascular repair of the ascending aorta using a combined transapical and transfemoral or transsubclavian approach using Bolton-medical ascendance device *A. Koshty*
- 13:06 – 13:12 Human Thiel-embalmed cadaveric aortic model with perfusion for aortic stent graft training and device development *A. Melzer*
- 13:12 – 13:18 Endovascular selective cerebral hypothermia *R. Solar*
- 13:18 – 13:24 Total arch endografting with home-made triple fenestrated stent graft *J.-S. Chen*
- 13:24 – 13:30 Trans Caval TAVR – Report on 100 Patient Registry *M. Goodwin*
- 13:30 – 13:35 Discussion



14:00 – 15:24 Challenging cases and complications – EVAR (part II)*Moderator: P. Cao Panel: S. Seifert*

- 14:00 – 14:06 Left lower limb monoplegia as the first presentation of penetrating atherosclerotic ulcer (PAU) of descending aorta: a rare and challenging case who underwent TEVAR *M. H. Namazi*
- 14:06 – 14:12 Endovascular management of a large iliac artery pseudo-aneurysm caused by a failing hip replacement prosthesis, case report and technical challenges *M. Elkassaby*
- 14:12 – 14:18 Hybrid repair of thoracoabdominal aortic aneurysm with total infrarenal aortic occlusion: De novo technique *S. Koussayer*
- 14:18 – 14:24 Technical success for managing tortuous aorto-iliac aneurysm with 90-degree neck combining Anaconda and Zenith iliac branch device: Extension and reinforcement of overlapping zone at bridging stents *S. Y. C. Pang*
- 14:24 – 14:30 Transapical transcatheter plug closure of the huge aortic root pseudoaneurysm after ascending aortic replacement and aortic valve replacement *Y. Katada*
- 14:30 – 14:36 EVAS and EVAR in one for RAAA; how I did it *J. Heyligers*
- 14:36 – 14:42 The treatment of the abdominal aorta pseudoaneurysms combine with inferior vena cava thrombosis and Behcet's disease *J. Peng*
- 14:42 – 14:48 Urgent multi-branch endovascular graft rescues thoracoabdominal aortic rupture after successful open surgical repair *N. T. Nugroho*
- 14:48 – 14:54 Prosthetic stent graft infection after endovascular abdominal aortic aneurysm repair: In situ revascularisation with a selfmade bifurcated graft custom-made from bovine pericardium *C. Reinhold*
- 14:54 – 15:00 Custom-made scalloped thoracic endografts in different hostile aortic anatomies – a series of three case reports *J. Sousa*
- 15:00 – 15:06 Ascending aortic banding: An optional treatment for Type 1A endoleak in supra aortic debranching zone *P. Juntarapatin*
- 15:06 – 15:12 The use of the novel technique "Snare Ride" to overcome hazardous visceral vessel catheterisation when using branched devices to treat thoracoabdominal aneurysm *E. Rodrigues*
- 15:12 – 15:18 Treatment of bilateral common iliac artery aneurysm and left internal iliac artery aneurysm with 360 degree tortuosity using bifurcated iliac stent graft, complicated by aortic perforation and salvaged with axillary delivery of thoracic aortic stent graft to the abdomen, right to left femoral-femoral bypass and left external to internal iliac artery stent grafting *W. Lee*
- 15:18 – 15:24 Endovascular repair of a ruptured iliac artery during EVAR *H. Amer*



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

- 09:00 – 12:30 **Critical issues and pioneering solutions in aortic endografting**
 Moderators: *M. van Sambeek, M. Malina*
 Panel: *E. Verhoeven, T. Larzon, P. Kasprzak, K. Brachmann*
- 09:00 – 09:40 ■ **Live case transmission from Münster**
 Endovascular and hybrid approach in the treatment of aberrant subclavian artery and its aneurysm *T. Larzon*
- 09:40 – 09:47 In patients with a ruptured AAA it is justified to push the borders of anatomical suitability *M. van Sambeek*
- 09:47 – 09:54 Infected stentgrafts and aneurysms of the aorta: Endovascular repair offers lower early mortality and similar long term results as open repair *M. Malina*
- 09:54 – 10:01 Infective complications after TEVAR: Incidence and treatment options *A. Kahlberg*
- 10:01 – 10:08 ■ **Live case transmission from Leipzig**
 Association between polycystic kidney disease and aortic aneurysm, presentation of case report and literature review *E. Debing*
- 10:08 – 10:45 Impact of iliac arteries anatomy on the outcome of FB – EVAR *M. Gargiulo*
- 10:45 – 10:52 Retroperitoneal access to target arteries: a bail-out procedure when prograde branch catheterisation does not work for F/B EVAR *E. Verhoeven*
- 10:52 – 10:59 ■ **Live case transmission from Münster**
 Discussion and conclusion



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

- 09:00 – 12:30 **“Great saves and big disasters” – Review of challenging cases and complications**
 Moderator: *G. Biamino*
 Panel: *L. Garcia, S. Kum, R. Ferraresi*
- 09:00 – 09:05 **Announcement of the winners of the LINC 2017 poster award**
- 09:05 – 09:45 ■ **Live case transmission from Leipzig**
 Chimney technique combined with aortoiliac stenting for the treatment of juxtarenal aortoiliac occlusive disease *V. Suwanruangsri*
- 09:45 – 09:52 Catastrophic iliac rupture during aorto-iliac angioplasty *M. T. Esfahani*
- 09:52 – 09:59 Use of a percutaneous puncture needle for true lumen re-entry during subintimal recanalisation of the superficial femoral artery *Amr Aborahma*
- 09:59 – 10:06 Revascularisation of a popliteal artery chronic total occlusion with concomitant occlusion of all native below-the-knee vessels by implantation of a helical nitinol stent into a single collateral connecting to the dorsal pedal artery *M. Planert*
- 10:06 – 10:13 ■ **Live case transmission from Leipzig**
 A novel flow-preserving carotid shunt system for carotid endarterectomy *D. M. Oztas*
- 10:13 – 11:07 Hybrid transcrotid direct stenting: How to reach the carotid plaque when there's no access *S. Peralta*
- 11:07 – 11:14 ■ **Live case transmission from Leipzig**
- 11:14 – 11:21
- 11:21 – 12:30

SCIENTIFIC POSTERS

Tuesday, January 24, 2017

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

- 13:00 – 14:25** **Moderated poster round in front of Main arena 1**
Jurors: S. Bartus, K. Mathias
- Original Research: Carotid, Iliac, Renal, Venous and miscellaneous**
- 13:00 – 13:05 Case report: Carotid retrograde approach to treat focal ostial innominate artery stenosis *A. Naga*
- 13:05 – 13:10 Hybrid interventions in the case of combined stenosis of the carotid bifurcations and supra-aortic arteries *P. Ignatenko*
- 13:10 – 13:15 Perioperative and long-term impact of chronic kidney disease on carotid artery interventions *V. Patel*
- 13:15 – 13:20 Endovascular treatment of the brachiocephalic trunk steno-occlusive disease *P. Ignatenko*
- 13:20 – 13:25 Anatomic patterns of the supra-aortic vessels from the aortic arch in the era of “total endovascular arch repair” *P. Righini*
- 13:25 – 13:30 Oxidative stress and reperfusion injury after carotid artery stenting procedure in asymptomatic patients *E. Saracoglu*
- 13:30 – 13:35 Primary covered stent for management of infrarenal aortic and aortoiliac occlusive disease *H. Eldmarany*
- 13:35 – 13:40 Primary patency rates of different Trans-Atlantic Inter-Society (TASC) subtype in patients with aortoiliac occlusive disease *M. Hassani*
- 13:40 – 13:45 Transcatheter renal artery interventions: A review of various established procedures and clinical outcomes *Y. Hwang*
- 13:45 – 13:50 Catheter-guided renal denervation used for the treatment of heart failure with reduced ejection fraction: A meta-analysis *M. Ansari*
- 13:50 – 13:55 Radiation exposure of patients with postthrombotic syndrome during endovenous recanalisation *M. E. Barbati*
- 13:55 – 14:00 Incidence & etiology of lower limb deep vein thrombosis (dvt) in female patients in our tertiary care unit *P. Jain*
- 14:00 – 14:05 Venous interventional APPROACH for chronic venous occlusion: our experience in 6 years of follow up *P. S. Mendes*
- 14:05 – 14:10 Predictors of contralateral deep venous thrombosis after ilio caval venous stenting *A. K. S. Ahmed*
- 14:10 – 14:15 Venous stenting and matrix metalloproteinase inhibitor provides a fast track solution to recalcitrant venous ulcer *M. Soliman*
- 14:15 – 14:20 Prevalence of activated protein C resistance (APCR) due to Factor V Leiden (FVL) mutation in Egyptian patients with chronic non thrombotic venous ulcer *K. Elalfy*
- 14:20 – 14:25 Optimization of the Philips AlluraXper FD20 imaging setting allows to halve the radiation dose during lower limb revascularization procedures *A. Discalzi*

SCIENTIFIC POSTERS

Tuesday, January 24, 2017 (cont.)

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

- 15:00 – 16:20** **Moderated poster round in front of Main arena 1**
Jurors: C. Setacci, R.-I. Rückert
- Challenging Cases: Carotid and Iliac**
- 15:00 – 15:05 Subclavian artery stenosis, case report of 3 patients with distal ischemia *M. Bibiana*
- 15:05 – 15:10 Steal Syndrome *S. Mousavisaadatabadi*
- 15:10 – 15:15 Recurrent carotid in-stent restenosis coexisting with contralateral carotid artery occlusion *P. Paluszek*
- 15:15 – 15:20 Simultaneous endovascular treatment of multiple stenosis in the supra-aortic branches *A. C. Silveira*
- 15:20 – 15:25 Endovascular treatment of extensive lesions in common and internal carotid artery *A. C. Silveira*
- 15:25 – 15:30 Trans profunda femoris artery retro-grade revascularisation of common femoral and iliac arteries *M. Abd Elrahman*
- 15:30 – 15:35 Mother of all chronic total occlusions *A. Koay Choon Chern*
- 15:35 – 15:40 Treatment of dacron aortobifemoral bypass graft aneurysm *M. Ugurlucan*
- 15:40 – 15:45 Endovascular treatment of early occlusion following hybrid revascularisation of extended ilio-femoral disease *I. Ficarelli*
- 15:45 – 15:50 Endovascular treatment of aortoiliac occlusive disease with infected axillobifemoral bypass graft *K. Pruesttipong*
- 15:50 – 15:55 Hybrid revascularisation of left iliac axis and common femoral artery to prevent hip disarticulation: a case report *R. Russo*
- 15:55 – 16:00 Unrecognised iatrogenic abdominal aortic dissection with iliac stent implanted subintimally – what to do? *D. Nikolov*
- 16:00 – 16:05 A case of rapidly progressing fatal reperfusion syndrome following percutaneous transluminal angioplasty for aortoiliac thrombotic occlusion *P. S. Song*
- 16:05 – 16:10 Balloon expandable iliac stent fracture successfully treated with aortic extension graft *Y. Onal*
- 16:10 – 16:15 Endovascular treatment of accidental common iliac artery perforation *A. C. Silveira*
- 16:15 – 16:20 A challenging case of innominate and right common carotid artery revascularisation *P. Soukas*

SCIENTIFIC POSTERS

Wednesday, January 25, 2017

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

- 09:00 – 10:20 **Moderated poster round in front of Main arena 1**
Jurors: R. de Graaf, I. Baumgartner
- Challenging Cases: Venous, AV-Access and miscellaneous**
- 09:00 – 09:05 Solution of stent-jailing in the inferior vena cava incurred in the endovascular treatment of May-Thurner syndrome *W. Hsien Hsu*
- 09:05 – 09:10 Treatment of iliac compression syndrome with catheter-directed thrombolysis and stent placement *S. Saito*
- 09:10 – 09:15 HeRO Graft: a resource for a patient with few possibilities of AV access and an innominate vein pseudoaneurysm *A. Mendez Fernandez*
- 09:15 – 09:20 Endovascular treatment for multifocal systemic embolic infarctions related to large intra-cardiac thrombus: A case report *N. Yeol Yim*
- 09:20 – 09:25 Delayed aortic rupture complicating balloon angioplasty in a case of takayasu arteritis: case report with short-term follow up and literature review. *R. Khalil*
- 09:25 – 09:30 Endovascular salvage of ventricular assist device outflow conduit fissuration *T. Cambiaghi*
- 09:30 – 09:35 Treatment of severely calcified ulnar artery via orbital atherectomy *A. Bahro*
- 09:35 – 09:40 The retroperitoneal tumour cured by micro-invasive treatment *V. Serafimov*
- 09:40 – 09:45 Can celiac artery stenosis be a cause of chest pain? *H. Araki*
- 09:45 – 09:50 Recurrent transplant renal artery stenosis. Successful re-stenting through the stent struts *P. Shahabaz*
- 09:50 – 09:55 Intraoperative dislocation of a balloon-expandable stent-graft from the left subclavian artery with successful retrieval and secure fixation *E. Beropoulis*
- 09:55 – 10:00 Endovascular repair using suture-mediated closure devices following inadvertent subclavian artery catheterization with large-caliber hemodialysis catheter *T. Park*
- 10:00 – 10:05 Role of endovascular management of chronic mesenteric ischemia *M. Ismail*
- 10:05 – 10:10 Successful endovascular treatment of acute thromboembolic upper limb ischemia in a patient with atrial fibrillation *G. Korosoglou*
- 10:10 – 10:15 Rivaroxaban for thrombosis prophylaxis in endovenous laser ablation with and without phlebectomy *H. Uthoff*
- 10:15 – 10:20 A novel angio-guided hemostasis technique for pseudo-aneurysm after the intervention *K. Ogata*

SCIENTIFIC POSTERS

Wednesday, January 25, 2017 (cont.)

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

- 10:45 – 11:55 **Moderated poster round in front of Main arena 1**
Jurors: Ch. Metzger, G. Biamino
- Challenging Cases: SFA**
- 10:45 – 10:50 Dorsalis pedis approach to tackle flush CTO of femoro-popliteal segment ... a fight for limb salvage *A. Naga*
- 10:50 – 10:55 Endovascular Intervention could be either the solution post open bypass or the preparation for it *A. Elbahaey*
- 10:55 – 11:00 Amputation prevention via OCT guided recanalization of failed venous bypass graft *G. Schwartzberg*
- 11:00 – 11:05 400mm in-stent restenosis CTO of the superficial femoral artery successfully treated using OCT-guided directional atherectomy *J. Golzar*
- 11:05 – 11:10 Chronic total occlusion complicated by Post-PTA dissection *J. Phillips*
- 11:10 – 11:15 Fracture of a Supera interwoven nitinol stent after endovascular treatment of popliteal artery stenosis *T. Cambiaghi*
- 11:15 – 11:20 Direct stent puncture as a method for retrograde recanalization of iliac and femoral vessels *E. Papsdorf*
- 11:20 – 11:25 Successful endovascular treatment with Rotarex S endovascular system in patients with acute thromboembolic ischemia of the lower limb including the crural arteries: a mini-series. *G. Korosoglou*
- 11:25 – 11:30 Successful PTA by retrograde approach for stumpless and severely calcified SFA CTO lesion *K.-W. Yu*
- 11:30 – 11:35 A novel technique to revascularize chronically occluded below knee vein bypass graft using Viabahn® stent *M. A. Husainy*
- 11:35 – 11:40 Challenging case-total occlusion of superficial femoral artery associate with popliteal aneurysm *R. O. Barbosa*
- 11:40 – 11:45 Endovascular treatment of traumatic pseudoaneurysm of the superficial temporal artery *V. Cvetic*
- 11:45 – 11:50 Usefulness of combined treatment with the crosser system and thrombolysis in patients with stent occlusion of superficial femoral artery *Y. Yamamoto*
- 11:50 – 11:55 Angioplasty with drug eluting balloon for limb graft stenosis after endovascular abdominal aortic aneurysm repair *A. Kerzmann*

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

- 12:55 – 13:55 **Moderated poster round in front of Main arena 1**
Jurors: D.-D. Do, C. Walker
- 12:55 – 13:00 **Challenging Cases: CLI/BTK and PVD**
Successful limb salvage for a patient with acute and critical limb ischemia and complicating iatrogenic arterial thrombosis *F.-C. Yang*
- 13:00 – 13:05 A successful retrograde intervention of critical lower limb ischemia *G. Daganan*
- 13:05 – 13:10 OCT guided atherectomy following antegrade and retrograde posterior tibial CTO crossing via bridging collateral for CLI limb salvage *S. Janzer*
- 13:10 – 13:15 A novel technique to revascularise chronically occluded below knee vein bypass graft using Viabahn® stent *M. A. Husainy*
- 13:15 – 13:20 when surgery saves the day – a tricky case of critical limb ischemia *A. Sonetto*
- 13:20 – 13:25 The use of the CrossLock™ catheter in a patient with critical limb ischemia and a popliteal occlusion *R. Heuser*
- 13:25 – 13:30 Successful endovascular debulking using the Rotarex S endovascular system in a patient with critical limb ischemia of the lower limb *G. Korosoglou*
- 13:30 – 13:35 Effects of external crushing forces on a BTK implant *P. Schneider*
- 13:35 – 13:40 Next generation DCB catheter – adjustable, no shear, evaginating DCB design *R. Solar*
- 13:40 – 13:45 Human Thiel-embalmed cadaveric peripheral vascular model in simulations of endovascular interventions of the lower limbs for training and device development and assessment. *A. Melzer*
- 13:45 – 13:50 Arteriovenous fistulas and grafts rescue with a new micronized paclitaxel drug eluting balloon *M. Tozzi*
- 13:50 – 13:55 First experiences with GPS balloon catheter in below the knee angioplasty *M. Polovinčák*



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

- 14:15 – 15:50 **Moderated poster round in front of Main arena 1**
Jurors: M. Menard, F. Liistro
- 14:15 – 14:20 **Original Research: CLI/BTK, PVD and SFA Part I**
Endovascular approach in treatment of critical lower limb ischemia *A. Krasnikov*
- 14:20 – 14:25 Impact of endovascular therapy on the correlation between exercise ankle-brachial index and endothelial function in patients with peripheral artery disease: from EndoPAD study *T. Mochidome*
- 14:25 – 14:30 Cost of treatment of the ischemic diabetic foot: a comparison between endovascular treatment and conventional surgery *C. Pfannes*
- 14:30 – 14:35 Clinical impact of multi-vessel infrapopliteal artery revascularisation strategy for patients with ischemic ulcerations –sub-analysis from RENDEZVOUS registry *T. Nakama*
- 14:35 – 14:40 The impact of sleep apnea syndrome on wound heal in patients with critical limb ischemia after endovascular therapy *N. Yukimitsu*
- 14:40 – 14:45 Hemorrhage complication with endovascular treatment for peripheral artery disease: from I-PAD registry *K. Tamon*
- 14:45 – 14:50 Directional atherectomy and anti-restenotic therapy versus drug-coated balloon angioplasty for isolated lesions of the popliteal artery *K. Stavroulakis*
- 14:50 – 14:55 Asymptomatic in stent restenosis of superficial femoral artery. Endovascular vs. conservative treatment *F. Picazo Pineda*
- 14:55 – 15:00 Multi-center acute and long term follow-up utilizing OCT guided atherectomy to treat in-stent restenosis *J. Golzar*
- 15:00 – 15:05 Influence of graft position on outcome of non-heparin bonded Viabahn in treatment of recurrent venous anastomosis stenosis in failing or thrombosed prosthetic hemodialysis graft *J. W. H.Tan*
- 15:05 – 15:10 Predictive risk factors for target lesion revascularisation post-atherectomy in peripheral arterial disease *J. George*
- 15:10 – 15:15 Supera stent for treatment of severe femoropopliteal disease *E. Lonjedo*
- 15:15 – 15:20 BioMimics 3D helical stent imparting curvature in calcified vessels *K. Heraty*
- 15:20 – 15:25 Mechanical debulking as initial treatment of acute and subacute ischemia of lower limbs *M. Bulvas*
- 15:25 – 15:30 The comparison of mid-term prognosis and calcific severity assessment with peripheral arterial calcification scoring system in SFA lesion treated by EVT *Shigemitsu Shirai*
- 15:30 – 15:35 The use of an innovative balloon catheter (chocolate) in femoro-popliteal occlusive disease *W. Mansour*
- 15:35 – 15:40 Clinical impact of subacute occlusion following drug eluting stent implantation for superficial femoral artery lesions *K. Tobita*
- 15:40 – 15:45 Management of failed infrainguinal arterial bypass *M. Ismail*
- 15:45 – 15:50 One month duplex ultrasound evaluation of vessel recoil after infra-tibial peripheral vascular intervention for critical limb ischemia predicts 12 month target lesion revascularisation *M. J. Summers*

SCIENTIFIC POSTERS

Wednesday, January 25, 2017 (cont.)

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

- 16:00 – 17:15** **Moderated poster round in front of Main arena 1**
Jurors: J. Mustapha, S. Kum
Original Research: CLI/BTK, PVD and SFA Part II
- 16:00 – 16:05 Influence of different diagnostic procedures on radiation dose during peripheral interventions *M. Baumhäkel*
- 16:05 – 16:10 Short-length versus prolonged dual antiplatelet inhibitor treatment upon endovascular stenting of peripheral arteries *M. Waßmann*
- 16:10 – 16:15 Comparative effectiveness evaluation of aorto-femoral bypassing and hybrid intervention: iliac stenting with common femoral endarterectomy in case of their tandem involvement (randomised clinical trial, intermediate outcomes) *P. Ignatenko*
- 16:15 – 16:20 Cutting- and drug coated balloon in femoro-popliteal lesions – 12 months results of the DCB-Trak-Registry *M. Baumhäkel*
- 16:20 – 16:25 Femoropopliteal arterial disease. outcome of the percutaneous transluminal angioplasty and follow up *M. Bibiana*
- 16:25 – 16:30 12-month duplex patency and MRA following OCT guided atherectomy: Single center prospective case series *M. Brodmann*
- 16:30 – 16:35 Radiation dose data of purely infra-inguinal endovascular revascularisation for treatment of critical limb ischaemia *P. Jain*
- 16:35 – 16:40 Hybrid procedure in severe multilevel lower extremity arterial disease *S. A. Papoyan*
- 16:40 – 16:45 Deformation of stented femoropopliteal artery based on three-dimensional CT reconstruction *B. Smouse*
- 16:45 – 16:50 Clinical outcomes of arteriovenous fistula caused by transpopliteal approach under angiography *K. Yanishi*
- 16:50 – 16:55 Analysis of outcomes of drug coated balloon use for of symptomatic femoropopliteal arterial disease treatment *M. Ansari*
- 16:55 – 17:00 Analysis of outcomes of IN.PACT drug coating balloon use for peripheral vascular disease treatment *M. Ansari*
- 17:00 – 17:05 Femoropopliteal angioplasty in patients with severe vascular disease *A. Mollon*
- 17:05 – 17:10 A newly designed guiding sheath provides a novel option for a crossover approach in endovascular therapy *N. Wakana*
- 17:10 – 17:15 Efficacy of radiation absorbing drapes during peripheral endovascular interventions; a preclinical study *M. M. Jansen*

SCIENTIFIC POSTERS

Thursday, January 26, 2017

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

- 09:00 – 10:25** **Moderated poster round in front of Main arena 1**
Jurors: M. Storck, R. Chiesa
Challenging Cases: EVAR part I
- 09:00 – 09:05 TEVAR with 2 chimneys *A. Koay Choon Chern*
- 09:05 – 09:10 Emergency chimney stenting for left renal artery occlusion during Nellix endovascular sealing: a case report *A. Discalzi*
- 09:10 – 09:15 Emergency EVAR for a leaking abdominal aortic aneurysm in a 70-year old morbidly obese male *R. Khalil*
- 09:15 – 09:20 TEVAR as an emergency procedure in 82-year old female with saccular descending aortic aneurysm with hematemsis *R. Khalil*
- 09:20 – 09:25 TEVAR for total dissection of the aorta from left subclavian to the femoral arteries with reperfusion of the dissected left renal artery *B. Aldhafery*
- 09:25 – 09:30 Endovascular repair in a challenging aortoiliac aneurysm *B. Ormanov*
- 09:30 – 09:35 Second episode of late AAA rupture treated in the same patient endovascularly after a primary EVAR procedure *G. Galyfos*
- 09:35 – 09:40 Relining of Endologix AFX endograft for Ib Type endoleak due to secondary right common iliac aneurysm: a case report *M. Fronda*
- 09:40 – 09:45 Sac regression after endovascular relining of perigraft seroma following open repair of abdominal aortic aneurysm with PTFE graft *M.-H. Kim*
- 09:45 – 09:50 Aortoduodenal syndrome from infected abdominal aortic aneurysm treated with endovascular approach as a single treatment, a case report *T. Benyakorn*
- 09:50 – 09:55 Endovascular treatment of visceral aortic patch aneurysms with custom-made fenestrated and branched endografts following open thoraco-abdominal aortic aneurysm surgery *L. Bertoglio*
- 09:55 – 10:00 Parallel grafts in complex aortic aneurysms – the importance of an adaptable approach *R. Castro-Ferreira*
- 10:00 – 10:05 “Off-the-shelf” total endovascular aortic arch aneurysm repair *P. Righini*
- 10:05 – 10:10 Endovascular treatment of transvisceral aortic stent fracture with thoracic aneurysm endoleak *D. Carrasco de Andres*
- 10:10 – 10:15 Intramural thoraco-abdominal aortic hematoma in retrograde dissection of right common iliac artery in a 38-year old patient: endovascular fixation *A. Sonetto*
- 10:15 – 10:20 Endovascular abdominal aortic aneurysm repair in patients with congenital ectopic pelvic kidney *M. P. Borrelli*
- 10:20 – 10:25 Endovascular treatment of femoral arteriovenous fistula following a stab wound *H. Kilic*

SCIENTIFIC POSTERS

Thursday, January 26, 2017 (cont.)

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

- 11:00 – 12:10 **Moderated poster round in front of Main arena 1**
Jurors: W. Guo, P. Cao
- Challenging Cases: EVAR part II**
- 11:00 – 11:05 Endovascular salvage of residual Type B DAA after previous total arch replacement with frozen elephant trunk in a patient with acute Type A aortic dissection *J. W. H. Tan*
- 11:05 – 11:10 Spleen rupture during EVAR: a rare potentially treacherous complication *S. Goulas*
- 11:10 – 11:15 Endovascular treatment of abdominal aortic aneurysm with narrow neck in patient with blood transfusion restriction *A. C. Silveira*
- 11:15 – 11:20 A huge isolated internal iliac artery aneurysm treated by covered stent graft and coil embolisation *M. Haggag*
- 11:20 – 11:25 Endovascular extra design systems for complex TAAA treatment *P. Szopiński*
- 11:25 – 11:30 Endovascular treatment of acute aortic rupture (aortic arch) in patient with Marfan syndrome: case report *F. Rossi*
- 11:30 – 11:35 Branched iliac stent graft – be prepared rupture can happen and not only rupture *S. Duvnjak*
- 11:35 – 11:40 Endotension after abdominal aortic aneurysm endovascular repair in cirrhotic patients *T. Cambiaghi*
- 11:40 – 11:45 Hybrid two – stage repair of abdominal aortic aneurysm with concomitant ectopic right kidney *V. Palazzo*
- 11:45 – 11:50 Challenging EVAR in >106 degree neck angulation *M. Moawad*
- 11:50 – 11:55 New technique in retrieving the Endurant II nose cone in hostile anatomies *M. Moawad*
- 11:55 – 12:00 Successful EVAR for a huge infra-renal AAA with inverted 3 shaped neck and tortuous iliac arteries *M. Haggag*
- 12:00 – 12:05 Challenging TEVAR cases and there solutions *T. Khafizov*
- 12:05 – 12:10 Complicated deployment of a thoracic stent graft during the repair of Type B aortic dissection *Y. Baquero Yebra*

SCIENTIFIC POSTERS

Thursday, January 26, 2017 (cont.)

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

- 13:00 – 15:10 **Moderated poster round in front of Main arena 1**
Jurors: F. Veith, J. Brunkwall
- Original Research: EVAR**
- 13:00 – 13:05 Results endovascular treatment of difficult anatomy infrarenal aortic aneurysm with a Ovation Prime stent-graft *P. Ignatenko*
- 13:05 – 13:10 Is preoperative fibrinogen predictive of outcome in patients undergoing endovascular repair for ruptured abdominal aortic aneurysms? *A. Ifantis*
- 13:10 – 13:15 Long term follow-up and assessment of thrombus lining in abdominal EVARs *Cha-ney Kim*
- 13:15 – 13:20 Outcomes of an ethylene-vinyl-alcohol-copolymer liquid embolic agent in the treatment of Type 2 endoleaks following endovascular aneurysm repair *M. J. Bosiers*
- 13:20 – 13:25 Re intervention following EVAR – Our experience in District General Hospital, Calderdale & Huddersfield NHS Foundation, UK *C. Viswanathan*
- 13:25 – 13:30 Endovascular aortic aneurysm repair in patients with narrow aortic bifurcation *S. Veera*
- 13:30 – 13:35 Comparative early and intermediate outcomes of open versus fenestrated repair of juxtarenal aortic aneurysms *V. Patel*
- 13:35 – 13:40 Branched and fenestrated TEVAR for high risk thoracic/thoracoabdominal aneurysm patients *V. Patel*
- 13:40 – 13:45 Abdominal aortic aneurysm calcification: making it easier to measure? *M. Dias-Neto*
- 13:45 – 13:50 Major benefits of A mobile hybrid solution using the fully motorized Ziehm Vision RFD Hybrid Edition & Stille ImagiQ2 floating carbon table *K. Taeymans*
- 13:50 – 13:55 Short- and mid-term changes of the true and false lumina diameters following endovascular treatment of Type B dissection *P. Sedivy*
- 13:55 – 14:00 Impact of performing endovascular aneurysm repair in a hybrid operating room on the amount of contrast medium *J. Schaefers*

continued on next page

SCIENTIFIC POSTERS

Thursday, January 26, 2017 (cont.)

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

- 13:00 – 15:10 **Moderated poster round in front of Main arena 1 (cont.)**
Jurors: F. Veith, J. Brunkwall
- Original Research: EVAR**
- 14:00 – 14:05 Comparison of sacrificed healthy aorta during thoracoabdominal aortic aneurysm repair using off-the-shelf endovascular branched devices and open surgery *T. Cambiaghi*
- 14:05 – 14:10 Endovascular Aneurysm Sealing in patients with challenging aortic anatomy *P. Szopiński*
- 14:10 – 14:15 Optimization of the Philips AlluraXper FD20 imaging setting allows to halve the radiation and contrast-medium doses during EVAR (abdominal aortic aneurysm repair) procedures *A. Discalzi*
- 14:15 – 14:20 Comparison of vessel diameter measurements by use of pre-interventional computed tomography angiography post-processing software and extravascular calibrated devices during digital subtraction angiography *E. Stahlberg*
- 14:20 – 14:25 EVAS and ChEVAS in treatment of the failed EVARs *M. Youssef*
- 14:25 – 14:30 Similar outcomes of open and endovascular repair for complex aortic aneurysms *V. Patel*
- 14:30 – 14:35 Possibility of dealing with bare stent in aortic dissection: Experiment study *K. Hanzawa*
- 14:35 – 14:40 Anatomical suitability of ruptured infra renal abdominal aortic aneurysm for endovascular repair as a first option *M. Elkassaby*
- 14:40 – 14:45 Huge aortic aneurysm, an everlasting challenge for EVAR? Case series and literature review *H. Sharaf*
- 14:45 – 14:50 Plugs- and coilembolisation of endoleaks Type I / III after endovascular repair of aortic arch aneurysms *M. Youssef*
- 14:50 – 14:55 Chronic traumatic aortic injuries: a potentially lethal situation *A. Firouzi*
- 14:55 – 15:00 Dose reduction strategies using hybrid theatre technology during endovascular repair of abdominal aortic aneurysm *R. Narlawar*
- 15:00 – 15:05 EVAR treatment in challenging cases *S. Duvnjak*
- 15:05 – 15:10 Clinical results of hybrid aortic arch repair for high-surgical-risk patients *T. Shibata*





Exhibitors:

- B2 Abbott Vascular
- 24 Abiomed
- 8a Acotec
- 22 ALN
- 15d Alvimedica
- 1a Andramed
- 17a Angiodroid
- 7d AngioDynamics
- 21 APT Medical
- 13a Argon Medical Devices
- 7a Asahi Intecc
- 7c Avinger
- 13b B. Braun Melsungen
- 18a Balton
- 4b Bentley
- 12b BIOTRONIK
- 18b Bolton Medical
- 14 Boston Scientific
- 23 BTG
- 4a C. R. BARD
- 16b Cardiatis
- 18c Cardionovum
- 8c Contego Medical
- 5 COOK Medical
- 12a Cordis – A Cardinal Health Company
- 26 CX 2017/Vascular News
- 16c EKOS Corporation
- 15a Endologix
- 17b Endoscout/iVascular
- 8b genae and associates
- 2 Gore & Associates
- 34 IMTR
- 4c Joline
- 15b JOTEC
- 28 Laminare Medical Technologies
- 30 Lifetech
- 25 Malek Medical
- 3b Maquet
- 6 Medtronic
- 9b Merit Medical
- 3d Optimed
- 15c Penumbra
- 13c Perouse Medical
- 3a Philips Volcano
- 7b QualiMed
- 31 Ra Medical Systems
- 9c ShockWave Medical
- 1c Siemens Healthcare
- 10 Spectranetics
- 11 Straub Medical
- 16a Terumo/Vascutek
- 29 Therenva
- 33 Tokai Medical
- 20 TVA Medical
- 35 VascuScience
- 32 VENITI
- 1b Veryan Medical
- 36 wisepress (in Entrance Hall East)
- 9a Ziehm Imaging
- 27 Zylox Medical

Table top exhibitors:

- TT1 RenalGuard
- TT2 Future meeting table
- TT3 PQ Bypass
- TT4 BooMyBox
- TT5 SITE
- TT6 VIVA
- TT7 St. Jude Medical
- TT8 AndraTec
- TT9 Walk Vascular
- TT10 Endovascular Today
- TT11 Minerva Medica
- TT12 Intact Vascular

Pavilions:

- B1 Gore & Associates
- B3 Medtronic

Faculty:

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

SHUTTLE SERVICE

At LINC 2017 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:

- arcona LIVING BACH14
- Balance Hotel Leipzig Alte Messe
- Hotel Fürstenhof
- Hotel Michaelis
- InterCityHotel
- Innside by Melia
- Marriott Hotel Leipzig
- Mercure Hotel Leipzig Am Johannisplatz
- NH Hotel Leipzig Messe
- Pentahotel Leipzig
(back entrance Dörrienstrasse)
- Radisson Blu Hotel
- Ramada Hotel Leipzig
- Ramada Hotel Leipzig City Centre
- 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.

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www.cordis.com

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www.vascularnews.com

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www.btg-im.com/EKOS

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Endoscout www.endoscout.de

Endovascular Today www.evtoday.com

GE Healthcare www.gehealthcare.com

genae and associates www.genae.com

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IMTR www.imtr.de

Intact Vascular www.intactvascular.com

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Joline www.joline.de

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Laminate Medical Technologies

www.laminatemedical.com

Lifetech www.lifetechmed.com/en

LimFlow www.limflow.com

Malek Medical www.malekmedical.de

Maquet www.maquet.com

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Minerva Medica www.minervamedica.it

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Penumbra www.penumbrainc.com

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Philips Volcano www.philips.com

PQ Bypass www.pqbypass.com

QualiMed www.qualimed.de

Ra Medical Systems www.ramed.com

RenalGuard www.renalgaurd.com

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The venue

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Messe Allee 1
04356 Leipzig, Germany

www.leipziger-messe.de



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www.provascular.de

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