

# PROGRAMME

LEIPZIG  
INTERVENTIONAL  
COURSE

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Marc van Sambeek

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Tuesday, January 30, 2018

## ROOM 3 - TECHNICAL FORUM

- 09:00 – 11:00**      **Management of carotid artery disease: Remaining controversies and challenges ahead**  
*MODERATOR:*  
**Marc van Sambeek**  
William Gray  
*PANEL:*  
Carlo Setacci  
Stanislaw Bartus  
Steve Ramee
- 09:00 – 09:07      Randomised data in carotid artery stenting: current evidence and future perspectives  
Marco Roffi
- 09:07 – 09:12      Despite Level 1 and other evidence, the future outlook for carotid stenting is bright  
Frank Veith
- 09:12 – 09:19      The future of carotid stenting – Proximal protection and mesh-covered stents are the answer  
Stanislaw Bartus
- 09:19 – 09:44      Live case transmission from Berlin  
Sankt-Gertrauden-Hospital Berlin - Live case center
- 09:44 – 09:51      1-year results of a new mesh-covered carotid stent: SCAFFOLD trial  
William Gray
- 09:51 – 09:58      The CLEAR-ROAD study: a physician-initiated study investigating the RoadSaver stent in carotid lesions (final 12-month results)  
Marc Bosiers
- 09:58 – 10:05      PrOspective multiCentrE study of cArotid artery steNting Using MER Stent – the OCEANUS study  
Piotr Pieniazek
- 10:05 – 10:12      Comparative analysis of new mesh-covered stent designs using MRI parameters  
Maria Antonella Ruffino
- 10:12 – 10:19      Plaque protrusion during carotid artery stenting: risk factors determined by MR plaque imaging  
Katsutoshi Takayama

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## Tuesday, January 30, 2018

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|---------------|---|
| 10:19 – 10:26 | ROADSTER 2 trial: Transcervical access with reversed flow circuit for proximal protection during CAS. What have we learned so far?<br>Peter Schneider |
| 10:26 – 10:33 | Transcervical carotid stenting (TECAR) with flow reversal vs. CEA in highly symptomatic patients<br>Ralf Kolvenbach                                   |
| 10:33 – 11:00 | THE GREAT DEBATE: HOW SHOULD WE HANDLE ASYMPTOMATIC CAROTID STENOSES?   |
| 10:33 – 10:40 | Carotid repair is best for asymptomatic severe carotid stenosis because medical management alone does not work<br>Peter Schneider                     |
| 10:40 – 10:47 | When better NOT to treat asymptomatic carotid stenosis<br>Martin Storck   |
| 10:47 – 10:54 | ACST-2, over 2500 patients randomised; what do we know?<br>Alison Halliday  |
| 10:54 – 11:00 | Discussion and conclusion   |

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Tuesday, January 30, 2018

## ROOM 7 - SPEAKERS' CORNER

13:30 – 15:00

### Selected abstracts original research – EVAR part II

*MODERATOR:*

**Marc van Sambeek**

*PANEL:*

Wolfgang Ritter

13:30 – 13:35

Deployment of bare stent reduce the pressure of false lumen in acute aortic dissection: Animal model and computer simulation

Kazuhiko Hanzawa

13:35 – 13:40

Complications in target arteries of branched and fenestrated stent grafts – incidence and management

Burkhard Zipfel

13:40 – 13:45

Thirty day outcomes favor fenestrated repair of complex abdominal aortic aneurysms

Virendra Patel

13:45 – 13:50

Initial experience with the E-liac® iliac branch device for the endovascular aortic repair of aorto-iliac aneurysms

Jan Peter Goltz

13:50 – 13:55

Open repair of proximal abdominal aneurysms classified according to the equivalent fenestrated endovascular treatment

Alessandro Grandi

13:55 – 14:00

Individualised patient decision making promotes favorable outcomes in endovascular therapy for blunt traumatic aortic injury

Ahmed Eleshra

14:00 – 14:05

Mid-term outcomes of flared iliac limb used for combined common iliac artery aneurysm during endovascular aneurysm repair

Seon-Hee Heo

14:05 – 14:10

The Candy-Plug technique using an Excluder aortic cuff – clinical utility and technical aspects

Y. Ogawa

14:10 – 14:15

Evaluation of visible spinal arteries on CT angiography before and after branched stent graft repair for thoracoabdominal aortic aneurysm

Konstantinos Gallis

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## Tuesday, January 30, 2018

- |               |  |
|---------------|--|
| 14:15 – 14:20 | Aneurysm of visible spinal arteries on CT angiography before and after branched stent graft repair for thoracoabdominal aortic aneurysm<br>Konstantinos Gallis |
| 14:20 – 14:25 | Outcome of thoracic endovascular aortic repair with single aortic arch chimney in high risk patients<br>Ahmed Eleshra  |
| 14:25 – 14:30 | The outcome of the AFX ENDOLOGIX endograft in the prevention of Type II endoleak<br>Roberto Gattuso  |
| 14:30 – 14:35 | Endovascular treatment of thoracoabdominal aortic aneurysm using multi-branched stent-grafts in the real world<br>Liliana Fidalgo Domingos                     |
| 14:35 – 14:40 | How we deal with aortic endograft infection<br>Elena Iborra  |
| 14:40 – 14:45 | Immediate, delayed, and late spinal cord ischemia after extended endovascular thoracoabdominal aortic repair<br>Reinhard Kopp                                  |
| 14:45 – 15:00 | Discussion and conclusion  |

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Wednesday, January 31, 2018

## ROOM 6 - SPEAKERS' CORNER

<b>11:00 – 12:30</b>	<b>Patient centered clinical trials: Engagement and innovation</b> <i>MODERATOR:</i> <b>Marc van Sambeek</b>
11:00 – 11:05	Introduction
11:05 – 11:15	Patient recruitment and retention challenges Marianne Brodmann
11:15 – 11:25	The role of patient reported outcomes in cardiovascular trials <b>Marc van Sambeek</b>
11:25 – 11:35	Incorporating the “patient's voice” in clinical research Sarah Schneider
11:35 – 11:45	Digital patient engagement/ patient centric technologies Aly Talen
11:45 – 11:55	EU-MDR/ GDPR: From complex regulation to impactful change Mieke Roelants
11:55 – 12:00	Discussion and conclusion

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Wednesday, January 31, 2018

## ROOM 2 - MAIN ARENA 2

- 13:30 – 15:00**      **Acute aortic syndrome: Intramural hematoma, penetrating ulcer, and aortic dissection**  
*MODERATOR:*  
**Marc van Sambeek**  
Wei Guo  
*PANEL:*  
Weiguo Fu  
Tilo Kölbel  
Wolfgang Ritter
- 13:30 – 13:36      Intramural hematoma and penetrating ulcers: Natural history and indications for treatment  
Dittmar Böckler
- 13:36 – 13:42      Optimal medical treatment for patients with TBADs: Where does it usually go wrong  
Christoph Nienaber
- 13:42 – 13:48      Technical considerations for EVAR of Type B aortic dissections  
Massimiliano Marrocco Trischitta
- 13:48 – 13:54      Despite common believe – oversizing is also justified in TEVAR for Type B aortic dissections  
Tilo Kölbel
- 13:54 – 14:20      Live case transmission from Paris  
Hôpital Marie Lannelongue Paris - Live case center
- 14:20 – 14:26      Asymptomatic collapse of the true lumen in TBAD or “radiologic malperfusion”: Can TEVAR  
intervention be justified with available evidence?  
Frank Criado
- 14:26 – 14:32      Predicting successful aortic remodeling and clinical success of EVAR in Type B aortic dissections –  
What can we learn from pre-op CT imaging?  
Wei Guo
- 14:32 – 14:42      Branched EVAR for a chronic Type B dissection through the false lumen  
Piotr Kasprzak
- 14:42 – 14:48      First line treatment of acute Type B dissections with the MFM multilayer stent: Preservation of  
branches and remodelling of the aorta – Does it work?  
Ralf Kolvenbach

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## Wednesday, January 31, 2018

- |               |   |
|---------------|---|
| 14:48 – 14:54 | Secondary procedures after EVAR for Type B aortic dissections – When and how?<br>Götz Richter |
| 14:54 – 15:00 | Adjunctive techniques to induce false lumen thrombosis after TEVAR for TBADs<br>Tilo Kölbel   |

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Thursday, February 01, 2018

## ROOM 2 - MAIN ARENA 2

- 08:00 – 10:15**      **Pioneering techniques for the thoracic aorta and the aortic arch**  
*MODERATOR:*  
Vicente Riambau  
Frank Veith  
*PANEL:*  
Weiguo Fu  
Frank Criado  
Tilo Kölbel  
Christoph Nienaber  
**Marc van Sambeek**
- 08:00 – 08:06      Blunt trauma aortic injury management: lacks in evidence to be overcome  
Vicente Riambau
- 08:06 – 08:11      Technique and early experience using TAG conformable with active control system  
Giovanni Torsello
- 08:11 – 08:16      The new Medtronic Valiant Navion TEVAR device: How this new low-profile device can impact TEVAR  
Fabio Verzini
- 08:16 – 08:21      Latest clinical evidence of the Relay thoracic stentgraft  
Vicente Riambau
- 08:21 – 08:26      Clinical experience with a new thoracic stent graft system (Ankura™). Procedural analysis, 30 days and 6-month results in a single center study  
Theodoros Kratimenos
- 08:26 – 08:32      What is current best practice for Type A dissection repair? – Surgical techniques, outcomes, and secondary procedures  
Michael Borger
- 08:32 – 08:38      Endovascular repair of post dissection aneurysms involving the arch and thoracoabdominal aorta Via satellite from Paris  
Stéphan Haulon
- 08:38 – 08:44      The role of stent grafts in ascending aortic aneurysms  
Ralf Kolvenbach

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## Thursday, February 01, 2018

- |               |   |
|---------------|---|
| 08:44 – 08:50 | Aortic arch pathology options: Open, hybrid, fenestration, chimney, or branched stent graft?<br>Via satellite from Leipzig<br>Chang Shu |
| 08:50 – 08:56 | Endografting of the aortic arch: current results and future techniques<br>Tilo Kölbel   |
| 08:56 – 09:02 | Mid-term results of endovascular arch repair with parallel grafts<br>Reinhard Kopp  |
| 09:02 – 09:29 | Live case transmission from Leipzig<br>University Hospital Leipzig, Dep. Angiology - Live case center                                   |
| 09:29 – 09:52 | Live case transmission from Paris<br>Hôpital Marie Lannelongue Paris - Live case center   |
| 09:52 – 09:58 | Arch repair with the Bolton Medical RelayBranch thoracic stentgraft system: Multi-center experience<br>Joost A. van Herwaarden          |
| 09:58 – 10:03 | European experience with a thoracic device to treat the arch<br>Dittmar Böckler   |
| 10:03 – 10:09 | Limitations in patient selection for arch branched devices<br>Via satellite from Paris<br>Stéphan Haulon                                |
| 10:09 – 10:15 | Conversion to open surgery following failed thoracic endovascular repair<br>Michael Jacobs  |

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Thursday, February 01, 2018

## SCIENTIFIC POSTERS

11:00 – 12:35

### Original research: EVAR part II

*JUROR:*

**Marc van Sambeek**

Jean-Paul de Vries

11:00 – 11:05

Geometrical remodeling of the aortic arch after hybrid treatment

Alice Finotello

11:05 – 11:10

Endovascular management of peri-aortic fibrosis. Mid-term outcomes

Niall O'Reilly

11:10 – 11:15

Renal snorkel stent length affects branch angle in snorkel EVAR and EVAS patients

Ga-Young Suh

11:15 – 11:20

Morphological changes in stentgraft after endovascular aneurysm repair using ALTURA

Artis Knapsis

11:20 – 11:25

Multiaxial pulsatile compliance changes to the thoracic aorta from before to after TEVAR

Ga-Young Suh

11:25 – 11:30

Acidosis predicts perioperative mortality after surgical and endovascular treatment for a ruptured abdominal aortic aneurysm

Alberto Froio

11:30 – 11:35

Clinical outcomes of ruptured AAA in single hospital

Jin Go

11:35 – 11:40

The effect of TEVAR for blunt thoracic aortic injury on maximal aortic diameter: mid- and long-term outcome

Hozan Mufty

11:40 – 11:45

Interaction of progenitor endothelial cells and NK lymphocytes in blood of patients as the sign and reason the late low survival rate after EVAR

Alexei Svetlikov

11:45 – 11:50

Centralization of flow concept: implantation of non-covered stents in the aorta for malperfusion syndrome in corrected aortic dissection

Ivo Petrov

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## Thursday, February 01, 2018

11:50 – 11:55	The VENT technique using ovation stent-graft for juxtarenal aneurysms in patients with small iliac access vessels Mariagnese Mele
11:55 – 12:00	Conformability of Medtronic Endurant II endovascular stent graft in combination with Jotec iliac branched devices treating aortoiliac aneurysms Kees-Jan Sikkink
12:00 – 12:05	Predictors of major adverse anatomical events after endovascular abdominal aortic aneurysm repair Mohammed Elkassaby
12:05 – 12:10	Adaptation of the peri-renal aorta after placement of an Anaconda AAA stent graft Maaïke Koenrades
12:10 – 12:15	Short term outcome of endovascular repair of patients with thoracic aortic diseases Hamdy Soliman
12:15 – 12:20	The history of the first in the world stentgraft invention. The role of professor Volodos N.L. Masks thrown off Alexei Svetlikov
12:20 – 12:25	Software to help choosing an infra renal abdominal aortic aneurysm endoprotese Guilherme Vieira Meirelles
12:25 – 12:30	The aXurge project. Feasibility of a mathematical platform for abdominal aortic aneurism risk assessment and surgical planning Maurizio Domanin
12:30 – 12:35	Experience with BeGraft stent at the Hospital General Universitario de Alicante, Spain Santiago Gil Sánchez

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Thursday, February 01, 2018

## ROOM 2 - MAIN ARENA 2

### 15:00 – 18:00 **Endovascular repair of thoracic and thoracoabdominal aneurysms – technical tips and strategy for prevention of complications**

*MODERATOR:*

Eric Verhoeven  
Michael Borger

*PANEL:*

Patrick Kelly  
Michael Jacobs  
Sebastian Debus

**Marc van Sambeek**

- 15:00 – 15:06 Technique and early experience of a multibranched Off-The-Shelf (OTS) device for treating TAAAs  
Michel Makaroun
- 15:06 – 15:40 Live case transmission from Paris  
Hôpital Marie Lannelongue Paris - Live case center
- 15:40 – 15:46 How to fix complicated thoracic abdominal anatomy by the retrograde branch technique?  
Wei Guo
- 15:46 – 15:52 Bail-out techniques when antegrade catheterisation fails in F/B EVAR (retrograde, snare technique, loop technique, percutaneous retrograde)  
Eric Verhoeven
- 15:52 – 15:58 Long-term results of multilayer stent in thoraco-abdominal aneurysms. Aneurysm continue to grow – but is it something in it?  
Thomas Larzon
- 15:58 – 16:04 The SPIDER hybrid graft as novel technique for thoracoabdominal repair  
Sebastian Debus
- 16:04 – 16:10 FEVAR and BEVAR are they cost effective at two years compared to open surgery?  
Jean-Pierre Becquemin
- 16:10 – 16:16 Spinal cord ischemia after endovascular repair of TAAA with F/B grafts: real incidence and strategies for prevention  
Roberto Chiesa

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### Thursday, February 01, 2018

- |               |   |
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| 16:16 – 16:22 | Minimally Invasive Segmental Artery Coil Embolisation (MISACE) and its role in ischemic preconditioning to improve collateral circulation to the spinal cord: From preclinical testing to the PAPA-ARTIS RCT<br>Christian Etz |
| 16:22 – 16:28 | Ischemic preconditioning with Minimally Invasive Segmental Artery Coil Embolisation (MISACE) prior to Endovascular TAA repairs: Clinical experience in 50+ patients from Leipzig<br>Daniela Branzan                           |
| 16:28 – 17:02 | Live case transmission from Leipzig<br>University Hospital Leipzig, Dep. Angiology - Live case center   |
| 17:02 – 17:08 | Clinical experience with neuromonitoring during open and endo-TAAA repair<br>Michael Jacobs   |
| 17:08 – 17:14 | Near infrared spectrometry (NIRS) monitoring of paraspinal muscles to reflect spinal cord ischemia: How does it work and initial results<br>Christian Etz   |
| 17:14 – 17:20 | Beyond spinal cord ischemia: Complications and pitfalls during endovascular repair in complex TAAA-patients: How to manage and strategies to prevent<br>Eric Verhoeven  |
| 17:20 – 17:26 | Air emboli as a cause of stroke after TEVAR: What can be done to prevent them?<br>Tilo Kölbel   |
| 17:26 – 17:32 | Infections of the aorta and major arteries: semi-conservative approach offers less early morbidity and similar late results as radical open repair<br>Martin Malina   |
| 17:32 – 17:38 | Open surgical conversion after failure of endovascular aortic repair of thoracic and thoracoabdominal aneurysms<br>Roberto Chiesa   |
| 17:38 – 18:00 | Discussion and conclusion   |

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Friday, February 02, 2018

## ROOM 1 - MAIN ARENA 1

- 09:00 – 13:00**      **Critical issues and pioneering solutions in aortic endografting**  
*MODERATOR:*  
Martin Malina  
Eric Ducasse  
*PANEL:*  
Giovanni Torsello  
**Marc van Sambeek**  
Thomas Larzon  
Piotr Kasprzak  
Reza Ghotbi
- 09:00 – 09:40      Live case transmission from Münster  
St. Franziskus Hospital Münster - Live case center
- 09:40 – 09:47      A new concept to evaluate decision making factors for the treatment of complex aortic aneurysms  
Konstantinos Donas
- 09:47 – 09:54      Evolution of gender-related differences in outcome of EVAR  
Erik Debing
- 09:54 – 10:01      Workflow innovation for optimized hybrid OR performance  
Arjan Hoksbergen
- 10:01 – 10:08      The role of 2D and 3D fusion imaging for reconstruction of complex aortic pathologies  
Giovanni Federico Torsello
- 10:08 – 10:15      Evolvement of interventional imaging and dose reduction techniques for image guided endovascular treatment of complex aortic pathologies  
Tilo Kölbel
- 10:15 – 10:55      Live case transmission from Leipzig  
University Hospital Leipzig, Dep. Angiology - Live case center
- 10:55 – 11:02      Branch for IMA in branched EVAR – when and why?  
Piotr Kasprzak
- 11:02 – 11:09      Connection of a celiac artery to branched stent-graft by retrograde access through SMA  
Burkhard Zipfel

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## Friday, February 02, 2018

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|---------------|--|
| 11:09 – 11:16 | One case of dissection Type B treated by new technique FIL&FIS (Fusion Images, Laser & Fenestration In Situ)<br>Marek Majewski   |
| 11:16 – 11:23 | All axillary artery approach for repair of complex thoracoabdominal aneurysms<br>James McKinsey  |
| 11:23 – 11:30 | Endovascular treatment of ruptured thoracoabdominal aneurysms<br>Giovanni Torsello   |
| 11:30 – 11:37 | Infectious complications of the aorta – how to approach<br>Olaf Richter  |
| 11:37 – 12:17 | Live case transmission from Münster<br>St. Franziskus Hospital Münster - Live case center  |
| 12:17 – 12:24 | Total endovascular aortic arch replacement with chimney/ sandwich techniques<br>Gabriela Teixeira  |
| 12:24 – 12:31 | Staged repair of chronic Type A dissection<br>Virendra Patel   |
| 12:31 – 12:38 | Sandwich-graft technique to preserve both internal iliac arteries in a patient with previous aorto-aortic bypass and external iliac artery occlusion<br>Rosa Villardefrancos |
| 12:38 – 13:00 | Discussion and conclusion  |

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