



**AORTIC  
LIVE 6**

**2020**

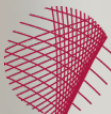
26–27 October 2020  
Erika Haus, Hamburg, Germany

**6<sup>th</sup> Aortic Live Symposium**  
... new hybrid format!

## PROGRAMME



Newest developments demonstrated by world experts – transmitted in HD



Universitäres  
Herz- und Gefäßzentrum  
UKE Hamburg

## Dear Colleagues and industry-partners,

*This year unusual challenges associated with the COVID-19 pandemic have prevented many large cardiovascular meetings to take place, others have changed their structure and tried to adapt to the new circumstances by web-streaming technologies.*

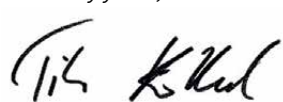
*Aortic Live has been the benchmark for aortic live-case meetings for several years and we are very glad to announce Aortic Live 6 in Hamburg from 26-27 October 2020.*

*The structure of the meeting will remain: a two-day meeting including more than 20 aortic live cases performed by international expert operators alongside with presentations and edited cases focussing on new technology in open and endovascular aortic repair.*

*The focus and spirit of Aortic Live will be unchanged. The new hybrid format with European faculty on-site will stimulate high-level panel discussions without the limitations of remote connections. The meeting will be fully web-streamed worldwide with no admission cost!*

*We look forward to another exciting, innovative, and stimulating Aortic Live 2020 in Hamburg and welcome you all to register, attend, and take part in discussions.*

Sincerely yours,



Prof. Tilo Kölbel



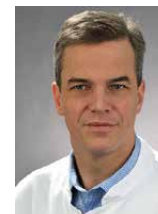
Dr. Konstantinos Tsagakis



Prof. Heinz Jakob

Also on behalf of the co-directors

## Course directors



Tilo Kölbel  
Hamburg, Germany



Konstantinos Tsagakis  
Essen, Germany



Founding director  
Heinz Jakob  
Essen, Germany

## Co-directors



Joseph E. Bavaria  
Philadelphia, USA



Michael Borger  
Leipzig, Germany



E. Sebastian Debus  
Hamburg, Germany



Christian Detter  
Hamburg, Germany



Stéphane Haulon  
Paris, France



Gustavo Oderich  
Rochester, USA



Arjang Ruhparwar  
Essen, Germany

## FACULTY

### INVITED FACULTY

**Martin Austermann**, Münster, Germany  
**Luca Bertoglio**, Milan, Italy  
**Dittmar Böckler**, Heidelberg, Germany  
**Tom Carrell**, Cambridge, United Kingdom  
**Roberto Chiesa**, Milan, Italy

**Lenard Conradi**, Hamburg, Germany  
**Ruggero De Paulis**, Rome, Italy  
**Jean-Paul de Vries**, Groningen, Netherlands  
**Steffen Desch**, Leipzig, Germany  
**Pascal Dohmen**, Rostock, Germany

**Gebrine El Khoury**, Brussels, Belgium  
**Anthony Estrera**, Houston, United States  
**Christian Etz**, Leipzig, Germany  
**Dominique Fabre**, Garches, France  
**Volkmar Falk**, Berlin, Germany

**Mark Adam Farber**, Chapel Hill, United States  
**Thomas Gandet**, Montpellier, France  
**Athanasios Giannoukas**, Larissa, Greece  
**Evaldas Girdauskas**, Hamburg, Germany  
**Martin Grabenwöger**, Vienna, Austria

**David Holzhey**, Leipzig, Germany  
**Susanne Honig**, Hamburg, Germany  
**Michael Jacobs**, Maastricht, Netherlands  
**Piotr Kasprzak**, Regensburg, Germany  
**Jörg Kempfert**, Berlin, Germany

**Lars Kock**, Hamburg, Germany  
**Emmanuel Lansac**, Paris, France  
**Vladimir Makaloski**, Bern, Switzerland  
**Andreas Martens**, Hannover, Germany  
**Tara Mastracci**, London, United Kingdom

## FACULTY

### INVITED FACULTY

**Germano Melissano**, Milan, Italy  
**Michael Moche**, Leipzig, Germany  
**Bijan Modarai**, London, United Kingdom  
**Kyriakos Oikonomou**, Regensburg, Germany  
**Davide Pacini**, Bologna, Italy

**Giuseppe Panuccio**, Hamburg, Germany  
**Karin Pfister**, Regensburg, Germany  
**Maximilian Pichlmaier**, Munich, Germany  
**Tim Resch**, Malmö, Sweden  
**Fiona Rohlfs**, Hamburg, Germany

**Eric Roselli**, Cleveland, United States  
**Johannes Schirmer**, Hamburg, Germany  
**Jürg Schmidli**, Bern, Switzerland  
**G.W.H. Schurink**, Maastricht, Netherlands  
**Konstantinos Spanos**, Larissa, Greece

**Nikolaos Tsilimparis**, Munich, Germany  
**Joost A. van Herwaarden**, Utrecht, Netherlands  
**Hendrik Verhagen**, Rotterdam, Netherlands  
**Fabio Verzini**, Perugia, Italy  
**Yskert von Kodolitsch**, Hamburg, Germany

**Daniel Wendt**, Essen, Germany  
**Alexander Weymann**, Essen, Germany  
**Sabine Wipper**, Innsbruck, Austria  
**Kak Khee Yeung**, Amsterdam, Netherlands



## LIVE CASE TRANSMISSION CENTERS

Klinik und Poliklinik für Gefäßmedizin  
Universitäres Herz- und Gefäßzentrum Hamburg  
Universitätsklinikum Hamburg Eppendorf

Universitätsklinikum Essen (AöR)  
Westdeutsches Herz- und Gefäßzentrum Essen  
Klinik für Thorax- und Kardiovaskuläre Chirurgie

Universitätsklinikum Leipzig  
Abteilung für Herzchirurgie

Institut Mutualiste Montsouris | Paris

Universitätsklinikum Regensburg  
Abteilung für Gefäßchirurgie

## AUSPICE

The 6th Aortic Live Symposium 2020 is under the auspice of:



German Society for Angiology



European Society for Vascular Medicine



German Vascular Society (DGG)



European Society for Cardiovascular Surgery

## DATE AND VENUE

**26–27 October 2020**

**ERIKA-HAUS**

Martinistr. 52, W 29  
20251 Hamburg, Germany

**Registration fees:**

Registration for this hybrid event is free of charge. Only virtual participation is possible.

Please note that Internet Explorer is not supported by the Aortic Live event platform. We recommend using Firefox or Chrome.

## ACCREDITATION

**The medical association Hamburg** (Landesärztekammer Hamburg) will provide a total of **21 CME** credits for attendees.

Certificates of attendance will be provided after the course.

## MEDTECH EUROPE

We are happy to announce that the Aortic Live Symposium 2020, starting on 26 October 2020 in Hamburg, Germany, has been rated compliant with the **MedTech Europe** Code of Ethical Business Practice.

This decision is posted on [www.ethicalmedtech.eu](http://www.ethicalmedtech.eu).

## CONGRESS ORGANISATION

**CONGO**

**Congress Organisation and More GmbH**

Munich, Germany

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[www.cong-o.com](http://www.cong-o.com)

AORTIC VALVE – ROOT – ASCENDING AORTA

**08.00 - 08:15 WELCOME**

*T. Kölbel, K. Tsagakis*

**08.15 - 08:30 REVIEW AORTIC LIVE**

*H. Jakob*

**08.30 – 13.00 SESSION 1: AORTIC VALVE – ROOT – ASCENDING AORTA**

Chairmen: *K. Tsagakis, H. Jakob*

Panel: *C. Detter, M. Pichlmaier*

Remote Panel: *V. Falk, M. Borger, D. Pacini*

**PRESENTATIONS**

- TAVI for all? Limitations of current evidence – *M. Grabenwöger*
- Valve-in-valve intervention – decision criteria at index AV replacement  
*V. Falk*
- Sutureless aortic valve replacement – trend or futureless – *A. Ruhparwar*
- AV reimplantation via Valsalva graft – „One graft fits all“ – *R. De Paulis*
- Ascending TEVAR: when are we doing Endo-Bentall – *E. Roselli*

**VIDEOS**

- Leaflet laceration for valve-in-valve TAVI: the Basilica procedure  
*J. Schirmer*
- Minimal invasive BioRoot replacement – *M. Borger*
- Aortic cusp repair technique in bicuspid aortic valve – *G. El Khoury*
- Aortic valve replacement with a rapid-deployment valve – *P. Dohmen*
- Early experience with an open dissection stent – *J. Kempfert*
- TEVAR for type A aortic dissection: a multicenter study – *J. Bavaria*

**10.15 – 10.45 COFFEE BREAK**



**LIVE CASE TRANSMISSIONS**

- Transfemoral TAVI in a low-risk patient with bicuspid valve disease with self-expandable prosthesis and cerebral protection [Hamburg] – *L. Conradi*
- Transfemoral TAVI with a novel device and cerebral protection [Leipzig]  
*D. Holzhey*
- Aortic valve insufficiency: the Lansac-approach [Paris] – *E. Lansac*
- Minimal invasive aortic valve repair in bicuspid aortic valve [Hamburg]  
*E. Girdauskas*
- Aortic root replacement by biological Bentall procedure [Essen]  
*A. Weymann*
- Balloon-expandable covered stent in adult coarctation [Hamburg]  
*T. Kölbel*

**PANEL DISCUSSION**

**13.00 – 14.00 LUNCH BREAK**

**13.00 – 14.00 LUNCH SYMPOSIUM – ENDO: Technological breakthroughs in covered stent technology**

(supported by BD, Bentley, Getinge, Gore and associates)

Chairmen: *T. Kölbel, P. Kasprzak*

- Improved flexibility of BeGraft plus – *S. Haulon*
- Gore Viabahn VBX balloon expandable endoprosthesis is a problem solver in endovascular repair – *M. Austermann*
- Latest evidence on long-term outcomes of the Advanta V12 balloon expandable covered stent in aortoiliac occlusive disease – *J.-P. de Vries*
- Benefits of a flared self-expandable covered stent: Covera Plus  
*G. Panuccio*



AORTIC ARCH

**08.00 – 08.30 REVIEW DAY 1 – T. Kölbel, A. Ruhparwar, M. Borger**

**08.30 – 13.00 SESSION 3: AORTIC ARCH**

Chairmen: **H. Jakob, N. Tsilimparis**

Panel: **A. Ruhparwar, F. Rohlffs**

Remote Panel: **M. Borger, S. Haulon, M. Grabenwöger, T. Resch**

**PRESENTATIONS**

- Limited vs. extensive repair to the arch in acute type A dissection  
**D. Pacini**
- Endovascular strategies in aortic arch repair – **L. Bertoglio**
- Aortic arch: when not to use open repair – **A. Martens**
- Aortic arch: when not to use endovascular repair – **F. Verzini**
- Chronic aortic dissection of the aortic arch: when open, when endo?  
**J. Bavaria**

**VIDEOS**

- TEVAR with staged deployment in the aortic arch – **D. Böckler**
- EVAR-explantation: how to do it – **R. Chiesa**
- Physician-modified fenestrated TEVAR– **T. Gandet**
- Fenestrated TEVAR with a custom made endograft – **N. Tsilimparis**
- Hybrid graft 3.0, anatomical open arch replacement in zone zero  
**M. Pichlmaier**

10.30 – 11.00 **COFFEE BREAK**

**LIVE CASE TRANSMISSIONS**

- Vertebral artery transposition [Hamburg] – **E. S. Debus**
- Endovascular aortic arch repair with 3 inner branches [Hamburg]  
**T. Kölbel**
- TEVAR after zone-0 debranching [Regensburg] – **K. Pfister**
- Simplified Frozen Elephant Trunk - technique [Hamburg] – **C. Detter**
- Frozen Elephant Trunk repair with a novel device [Essen] – **K. Tsagakis**
- TEVAR after zone-0 debranching [Leipzig] – **S. Desch**

**PANEL DISCUSSION**

**13.00 – 14.00 LUNCH BREAK**

INFRARENAL AORTA

**13.00 – 14.00 LUNCH SYMPOSIUM: Technological breakthroughs in imaging technology**

Chairmen: **J. van Herwaarden, G. Melissano**

- Laser-light guided aortic repair using FORS-technology – **J. van Herwaarden**
- Cydar EV: the role of deformation correction in CT-fusion – **T. Mastracci**
- Preventing complications with better visualization using new generation of Azurion platform – **K. Yeung**
- Artificial intelligence in endovascular surgery: what is the reality today  
**T. Carrell**

**14.00 – 17.00 SESSION 4: INFRARENAL AORTA**

Chairmen: **G. Melissano, G. Panuccio**

Panel: **K. Yeung, L. Kock**

Remote Panel: **D. Böckler, A. Giannoukas, J. Schmidli, T. Mastracci**

**PRESENTATIONS**

- Open repair vs. EVAR for abdominal aortic aneurysm: how to keep the balance? – **A. Giannoukas**
- Infected aortic grafts and EVARs: when to explant and when to treat conservatively? – **J. Schmidli**
- Hypogastric arteries: should all be preserved? – **B. Modarai**
- Active sac management to prevent type II endoleak: is it worth it?  
**H. Verhagen**

**VIDEOS**

- Conformable EVAR graft in a tortuous neck – **L. Kock**
- Fenestrated EVAR using FORS-technology – **T. Kölbel**
- Chimney-EVAR for juxtarenal abdominal aortic aneurysm – **M. Austermann**

**LIVE CASE TRANSMISSIONS**

- FEVAR in juxtarenal abdominal aortic aneurysm [Hamburg] – **F. Rohlffs**
- Open repair of dissected infrarenal aortic aneurysm in Marfan [Hamburg]  
**S. Honig**
- EVAR with accessory renal artery branch [Regensburg] – **K. Oikonomou**
- Transarterial endoleak embolization [Hamburg] – **G. Panuccio**

**17.00 – 17:15 SUM UP AND FAREWELL – T. Kölbel, K. Tsagakis**

# EXHIBITORS ' LIST

## PLATINUM



## GOLD



## SILVER



# EXHIBITORS ' LIST

## BRONZE



## SPONSOR 1



## SPONSOR 2



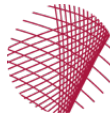




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