NEW ENDOVASCULAR TECHNOLOGIES | FROM BENCH TEST TO CLINICAL PRACTICE

2015 topics:

- New technologies for thoraco-abdominal and abdominal aortic aneurysms treatment
- Review of infrainguinal technologies / techniques
- Review of debulking technologies / devices

Program Directors:
Nabil CHAKFÉ Strasbourg, France & Wolfgang MEICHELBOECK Pentenried, Germany

Scientific Commitee
Jean BISMUTH Houston, USA
Yann GOUEFFIC Nantes, France
Ulf HEDIN Stockholm, Sweden
Frédéric HEIM Mulhouse, France
Lars LONN Copenhagen, Denmark
Jason T LEE Stanford, USA
Fabien THAVEAU Strasbourg, France
Thomas ZELLER Bad Krozingen, Germany

The official language of the meeting is English
For more information, please visit us at:
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Final Announcement
OCTOBER 16 - 17, 2015
STRASBOURG, FRANCE

9th European Symposium on Vascular Biomaterials

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Main lectures

Abdominal and thoraco-abdominal aortic aneurysm technologies

- Results of open surgery in thoracoabdominal aneurysms.
  Hazim SAFI - Houston, USA

- Toward predictors of long-term behavior and failure after EVAR: the valuable union of semi-automatic CT scan image analysis and E-science platform?
  Marc GARBET - Houston, USA

- Components Used in the Construction of Endovascular Stent Grafts: Impact on Clinical Practice and In Situ Fenestration
  Martin KING - Raleigh, USA

- State of the art on sutureless devices for thoraco-abdominal aortic repair.
  Andrea KAHLBERG - Milan, Italy

- The Need for Simulation in Vascular Surgery.
  Mal SHEAHAN - New-Orleans, USA

- Aortic Case Simulation: Technical Aspects on Patient Specific Simulation for Improved Training.
  Lars LÖNN - Copenhagen, Denmark

- In situ vascular tissue engineering: Current status and future challenges.
  Carlijn BOUTENS - Eindhoven, Netherlands

- AAA could be treated without open or endovascular surgery. Update on medical treatments.
  Eric ALLAIRE - Paris, France

- Are there choice criteria for fenestrated grafts devices?
  Jean-Pierre BECQUEMIN - Paris, France

- Update on radiation tracking in complex vascular procedures.
  Luc MERTZ - Strasbourg, France

- Renal and Superior Mesenteric Arteries Motion during Respiration in Patients with Aortic Aneurysms.
  Ron DALMAN - Stanford, USA

- Can finite element analysis can predict endograft behavior and help physicians in the choice of the optimal device?
  Pierre BADEL - Saint-Etienne, France

- Current strategies to avoid paraplegia.
  Sarah GEISBUESCH - Munich, Germany

- Optimal Configurations for Chimneys, Snorkels and Periscopes.
  Murray SHAMES - Tampa, USA

- Clinical relevance of Type II endoleaks.
  Fabio VERZINI - Perugia, Italy

- New technologies for Duplex follow-up: could we expect a potential interest in device surveillance?
  Henrik SILLESEN - Copenhagen, Denmark

- Predictive risks of abdominal aortic enlargement following Type B Dissection.
  Christoph NIENABER - Rostock, Germany

- State of the art on branched-iliac endografts.
  Jason T LEE - Stanford, USA

- Endoprosthesis thrombosis and thrombo-embolic complications after endovascular repair.
  Pierre MANGIN - Strasbourg, France

- Update on current graft infection microbiology.
  Xavier BERARD - Bordeaux, France

Young researcher prize sessions

The Prices will be awarded by Ville de Mulhouse, Eurométropole de Strasbourg, Université de Haute Alsace

Conference book

Book with full articles of ALL lectures
Review on infra-inguinal and debulking techniques and technologies

Current results of peripheral venous bypasses in critical limb ischemia.
Kim HOULEIN - Kolding, Denmark

Saphenous vein remodelling in arterial conditions.
Sébastien DEGLISE - Lausane, Switzerland

Mathematical models to predict intimal hyperplasia.
Scott BERCEL - Gainesville, USA

Future therapeutic options for prevention of vein graft failure.
Ulf HEDIN - Stockholm, Sweden

Innovative imaging and tracking technologies sustain enhanced robotic endovascular.
Jean BISMUTH - Houston, USA

Current evidences on endovascular versus open repair of asymptomatic popliteal artery aneurysm.
Dhiraj JOSHI - Brighton, UK

Future role for nanotechnologies for infrainguinal devices.
Gaëtan LAROCHE - Québec, Canada

Stent surface modification: where are we today?
Nicolas BLANCHEMAIN - Lille, France

Mechanical tests to simulate and evaluate stent flexion.
Frédéric HEIM - Mulhouse, France

The influence of arterial deformations and Nitinol stent oversizing in infrainguinal arteries.
Can GOEKGOEL - Bern, Switzerland

In vivo case study of the virtual deployment of a stent graft device.
Mathieu DEBEULE - Gent, Belgium

Role of plaque shape in the fatigue behaviour of Nitinol peripheral stents.
Francesco MIGLIAVACCA - Milan, Italy

Do hemodynamics play a role in stent design?
Graeme HOUSTON - Dundee, UK

Is there a rationale to treat diabetic patients with drug-eluting technologies?
Vincent SCHOLTES - Utrecht, Netherlands

Technological needs for real-time resonance-guided angioplasty and stenting.
Sebastian KOS - Luzern, Switzerland

Laser and DEB to treat femoropopliteal in-stent restenosis. What is the rationale?
Jos van den BERG - Lugano, Switzerland

Is there a class effect for drug eluting balloon?
Yann GOUEFFIC - Nantes, France

DES/DEB in infrainguinal field are the results really promising?
Jörg TESSAREK - Lingen, Germany

Drug-coated balloon angioplasty after directional atherectomy.
Ulrich BESCHORNER - Bad Krozingen, Germany

Debulking plus drug-coated balloon combination as revascularisation strategy for complex femoropopliteal lesions: A new standard technique?
Michael LICHTENBERG - Arnsberg, Germany

How do deal with thrombus in infrainguinal angioplasty.
Dierk VORWERK - Ingolstadt, Germany

4 Industry Symposia
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Conference dinner
Discover and enjoy alsacian food
## Program at a glance

### Thursday October 15

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<th>Time</th>
<th>Vascular Simulation Bootcamp</th>
<th>Symposium on Medical Textiles</th>
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<tr>
<td>7.30 am</td>
<td>Welcome &amp; Coffee</td>
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<tr>
<td>8.00 am</td>
<td>Lectures in VSSTC</td>
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<tr>
<td>9.00 am</td>
<td>Practical session on simulators</td>
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<tr>
<td>11.30 am</td>
<td>On site Lunch</td>
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<tr>
<td>12.30 am</td>
<td>Practical session on simulators</td>
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<tr>
<td>1.20 pm</td>
<td>Coffee break and Poster session</td>
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<tr>
<td>3.00 pm</td>
<td>Conclusions &amp; Debriefing</td>
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<tr>
<td>5.40 pm</td>
<td>Visit of the &quot;Cave historique des Hospices de Strasbourg&quot; &amp; Wine tasting</td>
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<tr>
<td>7.00 pm</td>
<td>Faculty dinner &amp; Bootcamp dinner</td>
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### Friday October 16

<table>
<thead>
<tr>
<th>Time</th>
<th>ESVB Day 1</th>
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<tbody>
<tr>
<td>6.30 am</td>
<td>Opening Registration for Faculty at hotel Hilton</td>
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<tr>
<td>7.30 am</td>
<td>Opening Remarks</td>
</tr>
</tbody>
</table>
| 8.15 am  | Thoraco-abdominal aortic pathologies 1 | Chairman: N. Chakfé, A. Lumsden, F. Heim  
Speakers: H. Safi, JP. Becquemin, R. Dalman, S. Geisbüsch, M. King, X. Berard, C. Bouten |
| 8.30 am  | Coffee break and Poster session                                   |
| 10.00 am | Young researcher Prize Session 1 | Jury : JB. Ricco, F. Migliavacca, J. Bismuth |
| 10.20 am | On site Lunch                                                     |
| 11.20 am | Thoraco-abdominal aortic pathologies 2 | Chairman: R. Dalman, S. Berceli, L. Lönn  
| 1.20 pm  | Young researcher Prize Session 2 | Jury : P. Kohl, G. Laroche, U. Hedin |
| 1.30 pm  | Coffee break and Poster session                                   |
| 4.20 pm  | Thoraco-abdominal aortic pathologies 3 | Chairman: U. Hedin, J. Lee, J. Scott  
Speakers: P. Mangin, H. Sillesen, M. Garbey, M. Sheahan, L. Lönn, E. Allaire |
| 5.40 pm  | Lower limb technologies 1 | Chairman: N. Blanchemain, JM. Corpataux, S. Debus  
Speakers: K. Houlin, S. Deglise, S. Berceli, U. Hedin |
| 7.00 pm  | Transfer to dinner                                                |
| 7.30 pm  | Cocktail and dinner at "L'ancienne douane"                         |
| 8.00 pm  | Conference dinner - YRP award - Vascular Surgery Simulation & Training center inauguration |
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### Satellite events:

**Conference dinner** 
**October 16, 2015 - Strasbourg, France**

The congress dinner will be organized on the October 16th in a typical restaurant for **60€ per participant**.

**Simulation Bootcamp** 
**October 14-15, 2015 - Strasbourg, France**

The goal of this bootcamp is to mainly focus on simulation practice as a beneficial tool for surgical practice improvement. The targeted audience is young fellows and residents in vascular surgery. The bootcamp is limited to 20 persons strictly registered to the ESVB conference. **Registration fees: 100€** including 1 bootcamp pass, 1 night hotel (IN 14/10/15 OUT 15/10/15) and 1 dinner (15/10/15).

**Satellite Symposium on Medical Textiles** 
**October 15, 2015 - Mulhouse, France**

The goal of this symposium is to particularly focus on the latest scientific research in the field of medical textile. It is a satellite event organized aside the ESVB 2015 for engineer, PhD students, Medical students and researchers interested in the textile properties applied to medicine. The symposium is limited to 40 seats. **Registration fees: 30€** including the transfer from Strasbourg to Mulhouse and return.

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**Registration offers (prices are VAT included)**

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<th>Professional offer</th>
<th>Trainee offer</th>
<th>All-inclusive Trainee Package</th>
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<tr>
<td><strong>450 €</strong> after August, 15 2015</td>
<td><strong>300 €</strong> after August, 15 2015</td>
<td><strong>500 €</strong> after August, 15 2015</td>
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<tr>
<td>Physicians - Industry - 2 days pass - 1 Congress book</td>
<td>Resident - Fellow - Nurse Technician - 2 days pass - 1 Congress book</td>
<td>Resident - Fellow - Nurse Technician - 2 days pass - 2 nights hotel in city center - 1 Congress dinner ticket - 1 Congress book</td>
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**Special offer code for your Travel**

For more details: **www.esvb.net**

**ESVB 2015** will welcome you in a new location at “Palais de la Musique et des Congrès” of Strasbourg

**Symposium Operational Organizer**

Julie Papillon, PhD - GEPROVAS

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E-mail: julie.papillon@esvb.net

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**Online Registration and hotel booking**

Brigitte Papillon - Strasbourg Events

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