2nd International Meeting on Aortic Diseases
New insights into an old problem

September 30 & October 1-2
2010
Palais des Congrès
Liège, Belgium

Course Director:
Natzi SAKALIHASAN

Co-Directors:
Jean-Olivier DEFRAIGNE
Helena KUIVANIEMI
Jean-Baptiste MICHEL

www.chuliege-imaa.be
The past five decades have been marked by continuing progress in the diagnosis, management and timing of surgery. More recently, endovascular repair has been compared with the conventional surgical approach. Hopefully, the coming decades will allow preventive strategies in patients found to be at high risk by genomic and/or imaging techniques. This meeting will therefore be focused on the new pathophysiological concepts in aortic valves, aortic dissections and aortic aneurysmal remodelling, targeting cells and molecules, linking genetics with aneurysmal phenotypes, leading to the development of new tools for diagnosis, prognosis and therapeutics in aortic valve diseases, aneurysmal and occlusive aortic diseases as well as aortic dissections.

Hoping to share with you an enriching meeting in Belgium, we look forward to welcoming you in Liège.

Natzi Sakalihasan

Scientific committee:

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Crêteil, France

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Under the patronage of:

- University of Liège: Bernard Rentier, Rector & Gustave Moonen, Dean
- Cardiovascular Surgery Department of CHU of Liège: Pol Louis, CEO
- Province of Liège: Georges Pire, Provincial Deputy
- FAD (Fighting Aneurysmes Disease)
- APF (Aneurysmal Pathology Foundation)

Abstract and poster competition:

The original abstracts are being accepted and will be considered for short (5’) presentation or poster display. APF will award the four best posters and/or short communications as such:

- Raymond Limet Prize (750 € and 500 €) will be attributed to the two best posters/short communications on natural history and/or physiopathology of abdominal aortic aneurysms
- Camillo Di Croce Prize (750 € and 500 €) will be attributed to the two best posters/short communications on familial and/or genetic aspects of aneurysms.

Deadline for submissions: June 20, by e-mail to carzouyan@comnco.com

More information on www.chuliege-imaa.be
PHYSIOPATHOLOGY OF AORTIC DISEASES

14.30 Physiopathology of ascending aorta with bicuspid and tricuspid aortic valve
Alessandro Della Corte, Naples, Italy

14.45 Involvement of the intra luminal thrombus in aneurysmal acceleration towards rupture
Jean-Baptiste Michel, Paris, France

15.00 Blood tests for thoracic aortic aneurysm
John Elefteriades, New Haven, CT, USA

15.15 Novel biomarkers of AAA evolution
Jose Luis Martin-Ventura, Madrid, Spain

15.30 2 D electrophoresis based proteomic investigation of serum in AAA-patients
Sigitas Urbonavicus Viborg, Danemark

15.45 Molecular pathogenesis of AAA
Koichi Yoshimura, Ube, Japan

MANAGEMENT OF THORACIC AORTIC DISEASES – PART ONE

SESSION I
ASCENDING AORTA AND ARCH

17.00 Place of the endovascular treatment in type A dissection
Stephan Haulon, Lille, France

17.15 TEVAR for the ascending aorta
Ralf Kolvenbach, Düsseldorf, Germany

17.30 EVAR in the aortic arch
Tilo Kölbel, Hamburg, Germany

17.45 Outcomes of the endovascular management of aortic arch aneurysm
Matthew Thompson, London, United Kingdom

18.00 Bovine aortic arch: not a benign variant
John Elefteriades, New Haven, CT, USA

18.15 Discussion
Friday October 1st

07.30  Welcoming coffee

MANAGEMENT OF THORACIC AORTIC DISEASES – PART TWO

SESSION II
MANAGEMENT OF THORACIC AORTIC DISEASES

08.00  Medical management of type A dissection
John Elefteriades, New Haven, CT, USA

08.15  Results of surgical treatments of type A dissection
Database Committee of Belgian Registry, Belgium

08.30  Cannulating techniques for acute type A dissection and ascending aortic aneurysms extending in the arch
Marc A. Radermecker, Liège, Belgium

08.45  Anaesthesiological considerations during thoracic aortic surgery
Jose Coddens, Aalst, Belgium

09.00  Brain protection during aortic surgery
John Elefteriades, New Haven, CT, USA

09.15  Protection of spinal cord ischemia during surgical treatment and/or TEVAR
Jacobs, Maastricht, The Netherlands

09.30  Endovascular treatment of juxtarenal and thoraco-abdominal aortic aneurysms
Ralf Kolvenbach, Dusseldorf, Germany

09.45  Discussion

10.00  Coffee break

SESSION III
THORACO-ABDOMINAL AORTA

10.30  Hybrid repair of complex thoraco-abdominal aortic aneurysms
Matthew Thompson, London, United Kingdom

10.45  Management of complicated type B dissection
Christoph Nienaber, Rostock, Germany

11.00  Management and long-term results of thoraco-abdominal aortic aneurysms endovascular repair
Stephan Haulon, Lille, France

11.15  Management of complications of TEVAR
Patrice Bergeron, Marseille, France

11.30  Risk of reintervention after endovascular aortic aneurysm repair
Matthew Thompson, London, United Kingdom

11.45  Management of infected endovascular grafts
Eric Allaire, Paris, France

12.00  Surgical treatment of thoraco-abdominal aneurysm Indications and results
Wilhelm Sandmann, Kamp-Lintfort, Germany

12.15  Discussion

12.30  Lunch

MANAGEMENT OF VALVULAR DISEASES

SESSION I
SURGICAL TREATMENTS OF AORTIC VALVES DISEASES

14.30  Natural history and echographic evaluation of aortic stenosis
Patrizio Lancellotti, Liège, Belgium

14.45  Late results of aortic root repair and replacement
John Pepper, London, United Kingdom

15.00  Indications and late results of aortic valve repair
Gebrine El Khoury, Louvain, Belgium

15.15  Outlook after aortic valve replacement
John Pepper, London, United Kingdom

15.30  Sutureless aortic valve replacement: results with the Perceval bioprosthesis
Bart Meuris, Leuven, Belgium

15.45  Innovations in tissue valves: where do sutureless valves fit in?
Thierry Carrel, Bern, Switzerland

16.00  Discussion

16.15  Coffee break

SESSION II
ENDOVASCULAR TREATMENTS OF AORTIC VALVES DISEASES

16.45  Role of multi-imaging modalities in TAVI patient selection and follow-up
Jean-Luc Monin, Créteil, France

17.00  Risk stratification and patient selection for TAVI, the surgical point of view
Patrick Nataf, Paris, France

17.15  The femoral approach: update of TAVI results
Victor Legrand, Liège, Belgium

17.30  Indications and results of TAVI by the left ventricular apical approach
Murat Tuzcu, Cleveland, OH, USA

17.45  Discussion
Saturday October 2

07.30 Welcoming coffee

**MANAGEMENT OF ABDOMINAL AORTIC DISEASES**

**SESSION I**

08.00 The vulnerable abdominal aorta in man, wall mechanics and stress regulation in response to age/sex and diabetes: implications for aneurysmal disease?
Toste Länne, Linköping, Sweden

08.20 Biomechanics of AAA
Tim MacGloughlin, Limerick, Ireland

08.40 Prognosis of aortic aneurysms followed by PET-CT
Natzi Sakalihasan, Liège, Belgium

08.55 Potential strategies for medical management of aortic aneurysms
Jonathan Golledge, Townsville, Australia

09.10 Antiplatelet therapy to inhibit AAA growth based upon two cohorts
Jess S. Lindholt, Viborg, Danemark

09.25 Discussion

09.35 Coffee break

**SESSION II**

10.00 Laparoscopic repair of aorto-occlusive diseases
Janine Quaniers, Liège, Belgium

10.15 Management of abdominal aortic aneurysms and coexistent diseases
Vladislav Treska, Pilsen, Czech Republic

10.30 Endovascular treatment for aorto-enteric fistula and aorto-caval communication
Athanasiou Giannoukas, Larissa, Greece

10.45 Endoleak detection with duplex scanning after EVAR
Nicos Labropoulos, New York, USA

11.00 A novel hybrid device for the treatment of aortic aneurysm
Koichi Yoshimura, Ube, Japan

11.15 Short communications (5’) x 5

11.40 Discussion

12.00 Lunch

**SESSION III**

14.00 The importance of cardiovascular risk management in AAA: the actual bomb in AA tics
Arnoud Meijer, Leiden, The Netherlands

14.15 Long term outcome after AAA repair: a french database
Eric Steinmetz, Dijon, France

14.30 Ruptured abdominal aortic aneurysms: status quo after a quarter century of treatment experience
Wilhelm Sandmann, Kamp-Lintfort, Germany

14.45 Place of the EVAR in ruptured AAA
Janet Powell, London, United Kingdom

15.00 Short communications (5’) x 3

15.15 Discussion

15.30 Coffee break

**PRESENTATION AND GREAT DEBATE ON LATE RESULTS OF EVAR TRIALS**

16.00 Long term results of DREAM: time to wake up?
Jan D. Blankensteijn, Amsterdam, The Netherlands

16.20 Results of OVER trials
Frank Lederle, Minneapolis, MN, USA

16.40 Ten year results of EVAR 1 & 2 trials
Janet Powell, London, United Kingdom

17.00 Early results of ACE trials
Jean-Pierre Becquemin, Créteil, France

17.20 Discussion and closing remarks
Helena Kuivaniemi, Danville, USA
Janet Powell, London, United Kingdom
Venue of the meeting
Palais des Congrès
Esplanade de l’Europe, 2 • 4020 Liège, Belgium
www.palaisdescongresliege.be

DE LA BOVERIE
Venue of the meeting
G eneral information

1. Holiday Inn Liège
Palais des Congrès****
Esplanade de l’Europe 2
Tel: +32 4 349 20 00
www.holidayinn-liege.com

2. Mercure Liège Centre****
100, boulevard de la Sauvenière
Tel: +32 4 221 77 20
www.mercure.com

3. Hôtel Ibis Liège Centre Opéra***
41, place de la République Française
Tel: +32 4 230 33 33
www.ibishotel.com

4. Ramada Plaza Liège
City Center ****
36, quai Saint-Léonard,
Tel: +32 4 228 81 11
www.ramadaplaza-liege.com

ACCOMMODATION
The IMAD organization has made reservations for participants at privileged rates at different hotels (free shuttle provided between hotels and Congress venue). To benefit from these rates, please return your housing form as soon as possible, indicating the hotel of your choice and a second choice, should the first not be available. Upon reception of the accommodation form, together with a deposit of one night accommodation, a booking confirmation letter will be sent to the participant by e-mail. The balance has to be paid one month before arrival. The daily hotel tax and any other extra are payable directly to the hotel on departure. Any booking & changes must be communicated in writing to Com&Co before August 27. A 10% administrative fee will be charged for any cancellation. After August 27, no refund will be paid. In

OFFICIAL LANGUAGE
The official language of the sessions is English.

IMPORTANT DEADLINES
• Abstract competition for poster or short communication....June 30
• Early registration at reduced fees ..............July 15
• Hotel reservation .......... August 27
• Pre-registration ....September 17

TARGET AUDIENCE
• Cardiovascular and Thoracic surgeons
• Anaesthesiologists
• Cardiologists
• Radiologists
• Geneticists
• Fundamental researchers
• Perfusionists and nurses
• Students

SOCIAL EVENTS
IMAD Official gala dinner:
Friday, October 1st - 20.30
Participation fee: 50 €
All registrants are welcome with one guest of their choice to this dining cocktail.

REGISTRATION FEES
Included in the registration: congress bag, final program, abstract book, access to all scientific medical sessions, exhibition hall, breakfasts, coffee breaks and lunches.
Day passes for September 30, October 1st and October 2nd are available and can only be purchased onsite.
The first author from each selected abstract, poster or video will benefit from the reduced fee of 150 € before July 15 or 200 € after July 15.

ACCESs
In Liège, free shuttles will be provided between hotels and Congress venue (at mornings & evenings of the programs days only).

By car
Follow the signs “Liège” or “Luik”

By train
Liège-Guillemins high speed train station.
High speed trains from Paris, Brussels, Cologne and Amsterdam. Regional and intercity trains from most Belgian cities.
To get to the centre from the station: buses Nb 1 or 4, train to the Palais railway station.
www.sncb.be

By air
• Liège-Bierset Airport. To get to the centre from the airport: bus Nb 57. www.liegeairport.com
• Brussels National Airport (Zaventem) or Brussels South Airport (Charleroi). Then take a train to Liège (approx. 1 hour).
www.brusselsairport.be

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Region

[ ] Europe  [ ] Africa  [ ] Asia  [ ] Oceania  [ ] Middle East
[ ] South America  [ ] North America

Speciality

[ ] Cardiovascular or Thoracic Surgeon  [ ] Anaesthesiologist
[ ] Cardiologist  [ ] Radiologist  [ ] Genetician  [ ] Fundamental researcher
[ ] Perfusionist & Nurse  [ ] Student  [ ] Industry Professional
[ ] Other: ........................................................................

Pre-registration before September 17, 2010
Quick & secure registration: www.chuliege-imaa.be

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Registration & housing form

R

To be filled up on both sides.
### Registration fees (VAT 21% incl.)

<table>
<thead>
<tr>
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<th>Before July 15</th>
<th>After July 15 &amp; onsite</th>
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<tbody>
<tr>
<td><strong>Physician, Industrial professional</strong></td>
<td>350 €</td>
<td>450 €</td>
</tr>
<tr>
<td><em><em>Resident</em>, Fellow</em>, Nurse*, Technician*, Abstract or Poster presenter**</td>
<td>150 €</td>
<td>200 €</td>
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<tr>
<td><strong>Industry professional without booth</strong></td>
<td>1 500 €</td>
<td>2 000 €</td>
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<td>* A confirmation letter will be asked.</td>
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### Social events

- **IMAD Official gala dinner (Friday, October 1st):** 50 € x ............. (Nb. person)
- **IMAD Closing dinner (Saturday, October 2nd):** 50 € x ............. (Nb. person)

### Hotel accommodation (prices including continental breakfast)

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Single</th>
<th>Double / Twin</th>
<th>Choice hotel</th>
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</thead>
<tbody>
<tr>
<td>1. Holiday Inn Liège Palais des Congrès****</td>
<td>149 €</td>
<td>165 €</td>
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<tr>
<td>2. Mercure Liège Centre****</td>
<td>129 €</td>
<td>145 €</td>
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<td>3. Hôtel Ibis Liège Centre Opéra***</td>
<td>99 €</td>
<td>113 €</td>
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<td>4. Ramada Plaza Liège City Center****</td>
<td>96 €</td>
<td>123 €</td>
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Refund of fee: a 10% administrative charge will be applied to cancellations before August 27. After August 27, no refund will be given (including cancellations of social events). Name changes are requested before September 10. After September 10 no name changes will be accepted. No-shows at the congress will be charged the full fee. Refunds will be processed until end of January 2011. One night deposit needed to confirm any hotel booking. The whole stay has to be paid before August 27 to avoid cancellation of reservation.

### Booking details

- **Arrival date**
- **Type of room:** Single, Double, Twin
- **Departure date**
- **Nb. of nights**
- **Rate per night**

### Total due

- **Registration**
- **IMAD Official gala dinner**
- **IMAD Closing dinner**
- **Hotel deposit**
  - 1 night
  - Whole stay

**TOTAL**

### Payment by:

- **Credit Card**
- **Visa**
- **Mastercard** (no other card)

Credit Card Number

3 last numbers at the back of the card

Expiration Date

Cardholder’s Name

Cardholder’s Signature

- **Bank Transfer to Com&Co SARL**
  - **Bank** Banque Martin Maurel • 43, rue Grignan – 13006 Marseille, France
  - **IBAN** FR 76 1336 9000 0434 0207 0101 854
  - **BIC** BMMMFR2A – RCS Marseille B 308 365 576

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Please fax back both sides of the form.