3rd International Meeting on Aortic Diseases

New insights into an old problem

Course Director

Natzi SAKALIHASAN

Co-Directors:

Jean-Olivier DEFRAIGNE
John A. ELEFTERIADES
Greg JONES
Helena KUIVANIEMI
Nicos LABROPOULOS
Frank A. LEDERLE
Victor LEGRAND
Jean-Baptiste MICHEL
Christoph NIENABER
Marc A. RADERMECKER



October 4-6 2012

Congress Center Liège, Belgium

www.chuliege-imaa.be













3rd International Meeting on Aortic Diseases

New insights into an old problem October 4-6 2012 • Liège • Belgium

uring IMAD 2012, many world renowned scientists will share their experience and knowledge on exciting new discoveries and advances on clinical, genetic and pathophysiological aspects of aortic diseases.

Our main goal remains the same: helping the patient. This means developing better diagnostic tools and treatment options for a ortic diseases based on the very latest scientific knowledge and clinical experience.

The Course Directors

Under the patronage of:

- University of Liège
- Cardiovascular Surgery Department of CHU of Liège
- Province of Liège
- FAD (Fighting Aneurysmal Disease)
- APF (Aneurysmal Pathology Foundation)









Course director:

Natzi SAKALIHASAN

Liège, Belgium

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Jean-Olivier DEFRAIGNE

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Stony Brook, USA

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Alessandro DELLA CORTE

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Carlo DI MARIO

Jean DUMESNIL

Gebrine EL KHOURY

Per ERIKSSON

Anders FRANCO-CERECEDA

Christian GASSER

Dimitris-Solon G. GEORGOPOULOS

Athanasios GIANNOUKAS

Betti GIUSTI

Jonathan GOLLEDGE

Anna HELGADÓTTIR

Rebecka HULTGREN

Michael JACOBS

Stephan KISCHE

Tilo KÖLBEL

Marc LAGNY

Jason LEE

Jan LINDEMAN

Jes LINDHOLT **Bart LOEYS**

Ian LOFTUS

Luigi LOVATO

Fransiska MALFAIT

José Luis MARTIN VENTURA

Tim MCGLOUGHLIN

Germano MELISSANO

John MURKIN

Thai An NGUYEN

Paul NORMAN

Furuzan NUMAN

Luc PIERARD

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Janet POWELL

Niels RAHE MEYER

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Apostolos TASSIOPOULOS

Gerard TROMP

Hendrik VAN DAMME

Joost A. VAN HERWAARDEN

Frank VEITH

Hence VERHAGEN

Eric VERHOEVEN

Frank VERMASSEN

Koichi YOSHIMURA

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S ynoptic

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	Thursday October 4		Friday October 5
	Main session		Main session
07.30	Welcoming coffee	07.30	Welcoming coffee
08.00	Welcome address, N. Sakalihasan Lecture, D-S. G. Georgopoulos	08.00	EPIDEMIOLOGY OF AAA F. A. Lederle
08.30	GENETICS, GENOMICS AND PATHOBIOLOGY OF THORACIC AORTIC DISEASES PART 1 E. Allaire and J. A. Elefteriades		
10.00	Coffee break	09.45	Coffee break
10.30	GENETICS, GENOMICS AND PATHOBIOLOGY OF THORACIC AORTIC	10.15	GENETICS AND GENOMICS OF AAA H. Kuivaniemi
	DISEASES PART 2	11.10	PATHOPHYSIOLOGY AND BIOMARKERS OF AAA
12.00	PARALLEL POSTERS SESSIONS SESSION 1: Pathophysiology and genetics J-B. Michel and H. Kuivaniemi		G. Cockerill and J-B. Michel
	SESSION 2: Management of aortic diseases J. Lindholt and T. Kölbel		
12.30	Lunch		
		13.10	Lunch
13.30	CLINICAL MANAGEMENT AND TREATMENT OF THORACIC AORTIC DISEASES PART 1 J-O. Defraigne and C. Nienaber		
		14.00	Symposium CARDOZ Creating standards for measuring AAA growth Eric Allaire
		15.00	CLINICAL MANAGEMENT AND
15.30	Coffee break		TREATMENT OF DISTAL ARCH, THORACO-ABDOMINAL AND ABDOMINAL
16.00	CLINICAL MANAGEMENT AND TREATMENT OF THORACIC AORTIC		AORTIC ANEURYSMS PART 1 N. Labropoulos and E. Verhoeven
	DISEASES PART 2	16.15	Coffee break
		16.45	CLINICAL MANAGEMENT AND TREATMENT OF DISTAL ARCH.
			THORACO-ABDOMINAL AND ABDOMINAL AORTIC ANEURYSMS PART 2
10.00	End of the constant	10.70	N. Labropoulos and H. Van Damme
18.20	End of the sessions	_	End of the sessions
		20.00	Official dinner

	Friday October 5		Saturday October 6
	Parallel session		Main session
		07.30	Welcoming coffee
		08.00	EPIDEMIOLOGY, GENETICS AND PATHOPHYSIOLOGY OF VALVULAR DISEASES P. Eriksson and V. Legrand
		09.45	Coffee break
10.15	Satellite symposium on perfusion	10.15	CLINICAL MANAGEMENT AND TREATMENT OF VALVULAR DISEASES
	Tips and tricks for a better management in aortic surgery: a team building,		V. Legrand and M. A. Radermecker
	F. Blaffart and F. De Somer	12.00	Lunch
12 10	Lunch	13.00	- W sormerous
13.10	Luncii	13.00	Symposium Perceval™ S. The Truly Sutureless Valve: 5-years Clinical Results And First BeNeLux Results Jean-Olivier Defraigne
		14.00	RECENT ADVANCES AND FUTURE DIRECTIONS OF AORTIC DISEASES F. Lederle
15.00	Special parallel satellite symposium		
	AAA Genetics PART 1 M. Bown and G. Jones		
16.30	Coffee break		
17.00	Special parallel satellite symposium	17.10	Young investigator awards
	AAA Genetics PART 2	17.30	Adjournment
18.40	End of the sessions		

T hursday October 4



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07.30	Welcoming coffee
08.00	Welcome address, Natzi Sakalihasan
08.15	Lecture: Facing the sun while aging, Dimitris-Solon G. Georgopoulos
I	GENETICS, GENOMICS AND PATHOBIOLOGY OF THORACIC AORTIC DISEASES Eric Allaire and John A. Elefteriades
08.30	What's new in the genetics of thoracic aortic aneurysm?, Bart Loeys
08.45	Comparative biology of progressive dilatation (aneurysm) <i>versus</i> acute intraparietal rupture (dissection) of the human ascending aorta, Jean-Baptiste Michel
09.00	Antagonism of GxxPG-fragments ameliorates manifestations of aortic disease in Marfan syndrome mice, Peter N. Robinson
09.15	Cardiomyopathy in Marfan and other aneurysmal syndromes, Julie De Backer
09.30	Vascular Ehlers-Danlos syndrome: from men to mice, Fransiska Malfait
09.45	Root aneurysm protects against systemic atherosclerosis, John A. Elefteriades
10.00	Coffee break
10.30	Biomarkers of TAAD and an effective medical therapy for thoracic aneurysms: statin, John A. Elefteriades
10.50	Medical treatment of Marfan syndrome,
11.05	Discussion,
11.25	Talks selected from submitted abstracts
11.25	Incomplete segregation of myh11 variants with thoracic aortic aneurysms and dissections and patent ductus arteriosus, Annette Baas
11.30	Angiotensin II pathway is critical for MMP-9 production in human thoracic aortic aneurysms, Ayako Nagasawa

11.35	Familial aortic aneurysm and dissection due to TGFβR2 gene mutation – clinical course and current management, Fabio Ramponi
11.40	Susceptibility to aortic dissection of the mouse model of the vascular type of ehlers-danlos syndrome (EDSv) in response to angiotensin II, Julie Faugeroux
11.45	Evaluation of chemokine receptors (CCRs) expression on peripheral blood T-lymphocyte subsets of patients with thoracic aortic disease, Tiwari Kausal
11.50	Evaluation of apoptotic molecular pathways for smooth muscle cells isolated from thoracic aortic aneurysms in response to oxidized sterols, Adiguzel Zelal
12.00	PARALLEL POSTERS SESSIONS

- Global analysis of gene expression in abdominal aortic aneurysmal wall with a positive 18-FDG uptake detected by PET/CT,
- Audrey Courtois

Jean-Baptiste Michel and Helena Kuivaniemi

SESSION 1: Pathophysiology and genetics

- A fresh look at Homocysteine (HCY) levels in AAA patients and controls and its effect on aneurysm growth,
 Sohrabi Soroush
- Marfan syndrome: clinical observations in 50 patients Ukrainian population, Zhurayev Rustam
- Dissection of iliac artery in a patient with polycystic kidney disease: a case report,

Audrey Courtois

12.00

- Aneurysmal circulating progenitors are they as old as they look?,
 Harry Pritchard
- Can be predictive the ankle-brachial index of the grade and localisation of thoracic aortic atherosclerosis?,

Ferenc Lakatos

12.00 SESSION 2: Management of aortic diseases

Jes Lindholt and Tilo Kölbel

- Hybrid approach to mega aortic syndrome: the lupiae technique, Samuele Bichi
- Hybrid treatment of kommerell diverticulum. A case report and outcome, Gilberto Boselli

Gilberto Boselli

T hursday October 4



- Simultaneous surgical treatment of type b dissection complicated with visceral malperfusion and AAA: role of aortic fenestration,
 G. Filippone
- A surgical approach for vasculogenic impotence with aortoiliac occlusive diseases; aortoiliofemoral sequential bypass, Rusen Melih Nebigil
- Mesenteric revascularisation by carrel patch technique in abdominal aortic aneurysmectomy,

Rusen Melih Nebigil

- A fluid-chemical model of intra-luminal thrombus growth, Jacopo Biasetti
- When do abdominal aortic aneurysms rupture?,
 Daniel Morris

12.30 Lunch

- CLINICAL MANAGEMENT AND TREATMENT OF THORACIC AORTIC DISEASES

 Jean-Olivier Defraigne and Christoph Nienaber
- 13.30 Gender differences in aortic dissection,

Martin Czerny

13.45 Evolution of IMH,

Luigi Lovato

- 14.00 Long-term outcomes of proximal and distal dissection of aortic dissection type B,
 Christoph Nienaber
- 14.15 Management of acute complicated aortic dissection type B,

Germano Melissano

14.30 Natural history and delayed surgery of type A dissection,

Thai An Nguyen

14.45 Tips and tricks to deliver a stengraft to the ascending aorta,

Tilo Kölbe

15.00 Lessons learned from early experiences on TEVAR for ascending aortic pathologies,

Ian Loftus

5.15 Surgical treatment of ascending aortic aneurysms,

John A. Elefteriades

15.30 Coffee break

16.00	Surgical options to treat aortic dissections, Thomas Bilfinger
16.15	Hybrid interventions for aortic dissection, Carsten Bünger
16.30	Dissection with malperfusion surgical – by PETITCOAT, Stephan Kische
16.45	Management of blunt aortic injuries?, Benjamin W. Starnes
17.00	Debranching for type B dissection and aneurysms: initial experiences and lessons, Frédéric Cochennec
17.15	Functional imaging and outcome of the aortic dissections, Natzi Sakalihasan
17.30	Debate and interactive discussions: - Clinical case debate: for/against, Christoph Nienaber - Medical treatment or surgical options for asymptomatic type B dissections, Thomas Bilfinger
18.00	Talks selected from submitted abstracts
18.00	Hybrid repair of extensive type a acute aortic dissection with lupiae technique long-term results, Davide Patrini
18.05	1-year outcomes of thoracoabdominal aortic aneurysms repair using Cardiatis® multilayer stents, Jean-Marc Alsac
18.10	Successful endovascular treatment of an aortic mycotic pseudoaneurysm: two cases with two year follow up, Isabelle Bouckenooghe
18.15	Acute type A dissection: effect of composite root replacement <i>versus</i> interposition grafts on long-term outcome and proximal reoperation, Bart Meuris

18.20

End of the sessions

F riday October 5



07.30	Welcoming coffee
I	EPIDEMIOLOGY OF AAA Frank A. Lederle
08.00	Aortic aneurysms: changes in epidemiology <i>vs.</i> changes in clinical practice, Janet Powell
08.15	Gender differences in AAA, Rebecka Hultgren
08.30	Pattern and associations of AAA enlargement, Frank A. Lederle
08.45	What can we learn from the non-aneurysmal infrarenal aortic diameter? Paul Norman
09.00	Talks selected from submitted abstracts
09.00	Increased mortality in subjects with small Abdominal Aortic Aneurysm (AAA) without previous history of cardiovascular disease compared to controls is associated with increased levels of hs-CRP and H-FABP, Sohrabi Soroush
09.05	The prognosis of ruptured abdominal aortic aneurysms in Denmark 1994-2008, Jes Lindholt
09.10	Volume estimation of the aortic sac after EVAR using 3D ultrasound – a novel, accurate and promising technique, Kim Kargaard Bredahl
09.15	A comparative study of abdominal aortic aneurysm (AAA) in men and women, Sohrabi Soroush
09.20	Procedures for ruptured abdominal aortic aneurysms decrease among 65-74 year old men in Sweden – but surprisingly not among the youngest, Fredrik Lundgren
09.25	Morphological scanographic analysis of infrarenal aortic aneurysms: is there any predictive rupture factor except the maximal tranverse diameter?, Jordane Herail
09.30	High Prevalence of Abdominal Aortic Aneurysm in patients with 3-vessel coronary artery disease, Rodolphe Durieux
09.35	Discussion
09.50	Coffee break
10 15	Satellite symnosium (see page 12)

I	GENETICS AND GENOMICS OF AAA Helena Kuivaniemi
0.15	The German-Dutch-Australian AAA Expression Consortium, Jonathan Golledge
0.30	Transcriptional genomics of AAA, Gerard Tromp
0.45	LRP5 gene polymorphisms and AAA genetic susceptibility, Betti Giusti
1.00	Discussion
I	PATHOPHYSIOLOGY AND BIOMARKERS OF AAA Gillian Cockerill and Gillian Cockerill
1.10	Identification of novel biomarkers of AAA by proteomic analysis, Jose Luis Martin Ventura
1.25	Involvement of cell death in the pathophysiology of AAA, Gillian Cockerill
1.40	On the potential increase of the oxidative stress status in patients with AAA, Joel Pincemail
1.55	Role of signaling pathways in aortic aneurysms, Koichi Yoshimura
2.10	Diabetes as a protective factor for development of abdominal aortic aneurysm disease, Joost A. Van Herwaarden
2.25	Talks selected from submitted abstracts
2.25	Mechanisms for fibrinolysis of the Intraluminal Thrombus of Abdominal Aortic Aneurysm, Jesper Swedenborg
2.30	The biomarker mmp9 in open and evar patients treated for abdominal aortic aneurysm: personal experience and evidence from the literature, Andrea Ascoli Marchetti
2.35	Clotting Activation following Infra-renal Abdominal Aortic Aneurysm Intervention, Marc A Bailey
2.40	Assessment of biomarkers and predictive models for abdominal aortic aneurysm growth, Melina Vega de Céniga

F riday October 5



12.45	Increased levels of periostin in abdominal aortic aneurysms, Osamu Yamashita
12.50	Study of the histological and biomechanical properties of fragments isolated from the anterior wall of abdominal aortic aneurysms, Monteiro José
12.55	Discussion
\$ \$6,600 \$6,600 \$6,600	Satellite symposium on perfusion Tips and tricks for a better management in aortic surgery: a team building Francine Blaffart and Filip De Somer
10.15	Welcome address, Francine Blaffart
10.20	Physiopathology of hypothermia, Filip De Somer
10.50	Surgical approach of visceral, cord and cerebral protection, Marc Schepens
11.20	Monitoring of the cerebral perfusion, John Murkin
11.50	Role of fibrinogen concentrate in coagulation management, Niels Rahe Meyer
12.20	CPB and aortic surgery: the state of the art, Marc Lagny
12.50	Talks selected from submitted abstracts
12.50	Aortic surgery with circulatory arrest under tepid hypothermia, Florence De Dobbeleer
12.55	Selective cerebrospinal fluid drainage protocole is effective to prevent spinal cord ischemia during endovascular repair of thoracic aortic diseases: results of a comparative study, Philippe Amabile
13.00	Closing remarks, Filip De Somer
13.10	Lunch
14.00	Symposium CARDOZ Creating standards for measuring AAA growth Eric Allaire

14.05	Henrik Sillesen
14.20	Current and future approaches with Computed Tomography, Timothy Baxter
14.35	AAA measuring methodology: Impact on prevalence and decision making, Anders Wanhainen
14.50	Questions & panel discussion
15.00	Special parallel satellite symposium (see page 14)
I	CLINICAL MANAGEMENT AND TREATMENT OF DISTAL ARCH, THORACO-ABDOMINAL AND ABDOMINAL AORTIC ANEURYSMS PART Nicos Labropoulos and Eric Verhoeven
15.00	What is the best option for arch aneurysms, Furuzan Numan
15.15	Treatment of complex aortic aneurysms with fenestrated and branched grafts: technicals ins and outs, results and future options, Eric Verhoeven
15.30	When is surgery suitable for thoraco-abdominal aortic aneurysms? Michael Jacobs
15.45	Extended aortic aneurysm repair with arch replacement is feasible and safe without circulatory arrest and hypothermia, Patrice Bergeron, Gianbattista Tshiombo
16.00	Discussion
16.15	Coffee break
I	CLINICAL MANAGEMENT AND TREATMENT OF DISTAL ARCH, THORACO-ABDOMINAL AND ABDOMINAL AORTIC ANEURYSMS PART Nicos Labropoulos and Hendrik Van Damme
16.45	Latest results of endurant registries, Hence Verhagen
16.55	Early experience with the snorkel technique for juxtarenal aneurysms, Jason Lee
17.05	The factors influencing the outcome of ruptured AAA, Apostolos Tassiopoulos

Eric Allaire

Introduction,

14.00

F riday October 5



17.15	Endovascular repair of AAA: counterbalancing the benefits with the costs, Athanasios Giannoukas
17.25	Discussion
17.45	Debate and interactive discussions, - Clinical case debate: for/against, Nicos Labropoulos - The status of EVAR for ruptured AAAs, Frank Veith - EVAR for ruptured AAAs, early results, Frank Vermassen
18.15	Talks selected from submitted abstracts
18.15	Standard aortic endograft and renal tricks for iuxtarenal landing zone. Are we bumbler, voguish or real effective? Personal experience, Gilberto Boselli
18.20	Peri-operative and medium-term results of the iliac branched Z-Bis Cook® Endoprothesis, Bertrand Saint-Lèbes
18.25	Long term follow-up of endograft repair of aortic transection and evolving rules of evidence for endograft repair of specific thoracic aortic pathologies, V.A. Piccone
18.30	Is there a place for the vascular prosthesis Omniflow II in the management of infected aortic reconstruction?, Sebastien Deglise
18.35	Management of Abdominal Aortic Aneurysms and concomitant cancer: the endovascular approach, Roberto Gattuso
18.40	End of the sessions
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Special parallel satellite symposium: AAA Genetics, Matt Bown and Greg Jones
15.00	Identification of the LRP1 locus in AAA, Matt Bown
15.20	Genetic studies of AAA, David Carey
15.40	Mendelian randomisation to validate causal relation-ships in AAA - IL6 as an exemplar, Daniel Swerdlow

16.00	Sequence variants in the apolipoprotein(a) gene and the risk of vascular diseases, Anna Helgadóttir
16.20	Discussion
16.30	Coffee break
17.00	Pathway directed analysis of AAA genome-wide datasets, Greg Jones
17.20	Report on AAA GWAS meta-analysis, The AAA Consortium
17.40	Follow-up of GWAS observations; determining functional and clinical relevance, The AAA Consortium
18.00	Talks selected from submitted abstracts
18.00	A novel TLR4 antagonist IAXO-102 modulates TLR4 proinflammatory signalling in the early stages of experimental aneurysm, Grisha Pirianov
18.05	Levels of endothelial nitric oxide synthase protein in different areas of ascending aortic aneurysms associated with bicuspid aortic valve can influence the cytosolic protein levels of pro-apoptotic mitochondrial serine protease HTRA2/Omi, Mohamed Salah
18.10	Sex difference in the occurrence of estrogen receptor $\boldsymbol{\beta}$ in the aneurysmatic aortic wall, Rebecka Hultgren
18.15	Polymorphisms in genes involved in the hypoxia-related signaling pathway increase the risk of large-artery atherosclerosis determined by smoking, Ewa Strauss
18.20	Gene expression studies reveal novel pathways in human Abdominal Aortic Aneurysm, Irene Hinterseher
18.25	Whole genome expression profiling in human ruptured abdominal aortic aneurysms, Irène Hinterseher
18.30	CXCL8 signaling pathway and the Aortic Abdominal Aneurysm (AAA): the oral CXCR2 antagonist DF2156A fully abrogates aneurysm formation, Viviane Kokje
18.35	TGF-β1-dependent upregulation of the matrix remodeling enzyme lysyl oxidase-like 4 (LOXL4) in aortic endothelial cells. Mechanism of action and contribution to aortic pathology, Fernando Rodríguez-Pascual
18.40	End of the sessions

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20.00

Official dinner

S aturday October 6



07.30	coming coffee 10.55		Factors influencing the long term results of aortic valvuloplasty, Gebrine El Khoury		
	EPIDEMIOLOGY, GENETICS AND PATHOPHYSIOLOGY OF VALVULAR	11.15	Talks selected from submitted abstracts		
	DISEASES Per Eriksson and Victor Legrand	11.15	Surgical treatment of ascending aortic aneurysms in patients with bicuspid aortic valve disease.		
08.00	Genetics and pathophysiology of bicuspid and tricuspid aortic valve disease. What we learned from the ASAP study? Per Eriksson		Vitalii Kravchenko		
		11.20	Subclavian TAVI: a single centre experience, KJ Griffin		
08.15	Biomechanical implications of bicuspid aortic valve, Alessandro Della Corte	11.25	Discussion		
08.30	Aortic root morphology in bicuspid and tricuspid aortic valve surgery, Anders Franco-Cereceda	11.30	Debate and interactive discussions: - Clinical case debate: for/against,		
08.45	Paradoxical low flow, low gradient in aortic valve stenosis, Jean Dumesnil		Victor Legrand - Aortic stenosis in octogenarian: TAVI vs. Surgery, Inez Rodrigus		
09.00	Talks selected from submitted abstracts	12.00	Lunch		
09.00	Simultaneous detection of elevated matrix metalloproteinases in ascending aortic aneurysms in patients with bicuspid aortic valve disease, Mohamed Salah	13.00	Symposium → SORINGROUP AT THE HEART OF MEDICAL TECHNOLOGY Perceval™ S. The Truly Sutureless Valve: 5-years Clinical Results And First BeNeLux Results		
09.05	Early cell changes and transforming-growth-factor-beta pathway alterations		Jean-Olivier Defraigne		
	in the aortopathy associated with bicuspid aortic valve stenosis, M. Buonocore	13.00	13.00 5-Years European Clinical Results with Perceval™ S, Bart Meuris		
09.10	Valve morphotype and aortic phenotype affect the progression of aortic dilatation in bicuspid aortic valve associated aortopathy, V. D'Oria	13.10	First Experiences with Perceval™ S., Jean-Marc Marnette		
09.15	Clinical and echographic predictive values of the dilated aorta in patients with bicuspid aortic valve, Laure Gilis	13.20	A single center experience with Perceval in Maastricht, Suzanne Kats		
		13.30	Minimal invasive approach trough Right-minithoracotomy: First Experiences, Mattia Glauber		
09.20	Discussion	13.40	Closing Remarks,		
09.45	Coffee break		Jean-Olivier Defraigne		
I	CLINICAL MANAGEMENT AND TREATMENT OF VALVULAR DISEASES Victor Legrand and Marc A. Radermecker	1	RECENT ADVANCES AND FUTURE DIRECTIONS OF AORTIC DISEASES Frank Lederle		
10.15	New ESC/EACTS guidelines in the management of asymptomatic severe aortic stenosis, Luc Pierard	14.00	Why the EVAR trials are misleading: EVAR is better than open repair in fit and unfit patients, Frank Veith		
10.35	TAVI, indication and management of complications, Carlo Di Mario	14.15	Introduction of AAA healing by a short administration of cyclosporine A: from the lab to a clinical trial in France, Eric Allaire		

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S aturday October 6



14.30	18 months doxycycline therapy for AAA stabilization: results of the Pharmaceutical Aneurysm Stabilization Trial (PHAST), Jan Lindeman
14.45	AAA and inflammation: the problem or the solution? Jan Lindeman
15.00	Final results of the VA Open <i>vs.</i> Endovascular Repair (OVER) trial for AAA, Frank Lederle
15.15	Does PET scan reliably predict AAA rupture? Natzi Sakalihasan
15.30	The biomechanical AAA rupture risk, Christian Gasser
15.45	Regional mechanical properties of AAA tissue and finite element analysis of rupture risk, Tim McGloughlin
16.00	The role of HDL in AAA: a nation-wide case control study (N=50,000), and a prospective cohort growth study of AAA diagnosed by population-based screening (N=500), Jes Lindholt
16.15	Discussion
16.35	Talks selected from submitted abstracts
16.35	Multidimensional analysis of growth of small Abdominal Aortic Aneurysms, Giampaolo Martufi
16.40	Multifactorial relationship between 18F-fluoro-deoxy-glucose positron emission tomography signalling and wall stress in unruptured aortic aneurysms, Alain Nchimi
16.45	The vitamin D receptor (VDR) is a weak moderator of vascular inflammation. A study of the abdominal aortic aneurysm, Arend-Jan Nieuwland
16.50	Sorafenib inhibits angiotensin II-induced aneurysm formation and progression in Apolipoprotein E-deficient mice, Badri Vijaynagar
16.55	Thiazolidinediones prevent aortic aneurysm and rupture: understanding the mechanism of action, Nicoletta Charolidi
17.00	Measuring the maximum diameter of native abdominal aortic aneurysms: review and critical analysis, Laurence Rouet

17.05 Young investigator awards and concluding remarks, Helena Kuivaniemi and Jean-Olivier Defraigne

17.30 Adjournment

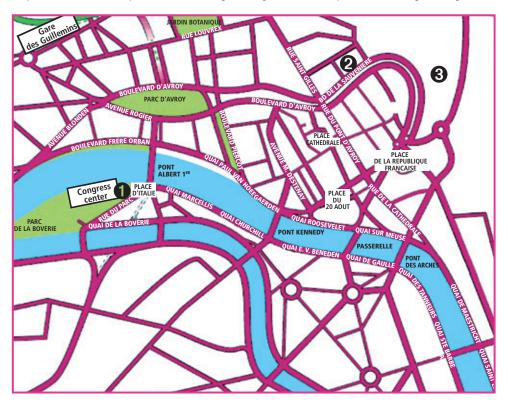
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G eneral information

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Venue of the meeting Congress center

Esplanade de l'Europe, 2 • 4020 Liège, Belgium • www.palaisdescongresliege.be



1. Alliance Hotel Liège Palais des Congrès****

Esplanade de l'Europe 2 Tel: +32 4 349 20 00 www.alliance-hotel-liege.com

2. Mercure Liège Centre**** 100, bd de la Sauvenière Tel: +32 4 221 77 20

3. Crowne Plaza****

www.mercure.com

9-11, rue du Mont St Martin Tel: +32 4 222 94 94 www.crowneplazaliege.be

ACCOMMODATION

divine [id] 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 email. 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 divine [id] before September 3.

A 10% administrative fee will be charged for any cancellation. After September 3, no refund will be paid.

OFFICIAL LANGUAGE

The official language of the sessions is English.

IMPORTANT DEADLINES

TARGET AUDIENCE

- Cardiovascular and thoracic surgeons
- Anaesthesiologists
- Cardiologists
- Radiologists
- Geneticists
- Basic scientists
- Ultrasound technicians and nurses
- Students

SOCIAL EVENT IMAD Official dinner:

Friday, October 5, 19.30
Participation fee: 50 € per person.
All registrants are welcome with one guest.

REGISTRATION FEES

Included in the registration:

congress bag, final program, abstract book, access to all scientific sessions, exhibition hall, breakfasts, coffee breaks and lunches.

Day passes for October 4, 5 and 6 are available and can only be purchased onsite.

The first author from each selected abstract or poster of the competition will benefit from the reduced fee of $170 \in$ before August 30 or $220 \in$ after August 30. All authors and co-authors will be entitled the reduced registration fee.

ACCESS

In Liège, free shuttles will be provided between hotels and the Congress venue (on mornings & evenings of the scientific sessions days only).

By car

Follow the signs "Liège" or "Luik".

By train

Liège-Guillemins train station. High speed trains from Paris, Brussels, Cologne and Amsterdam. Regional and intercity trains from most Belgian cities. www.sncb.be

By air

- Liège-Bierset Airport. www.liegeairport.com
- Brussels National Airport (Zaventem) or Brussels South Airport (Charleroi).
 Then take a train to Liège (approx. 1 hour).
 www.brusselsairport.be

EVENT COORDINATORS' CONTACTS

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Scientific program
Tel: + 32 4 366 71 64
genevieve.peters@chu.ulg.ac.be

Registration & housing form



Pre-registration before September 21, 2012 Online registration: www.chuliege-imaa.be

Please return to divine [id]

17, rue Venture - 13001 Marseille - France

Phone +33 (0) 491 57 19 60 - Fax +33 (0) 491 57 19 61

mcaboste@divine-id.com

Participant information ————————————————————————————————————
Title: ☐ Prof ☐ Dr ☐ Mr ☐ Ms
Last Name
First Name
Institution / Company
Address
Postal code City
Country
Mobile
Phone
Fax
E-mail
Sponsored by
Contact
Address
Add 635.
Postal code City
Country
Mobile PUSINESS CARD!
Country EASIER! Mobile ATTACH YOUR BUSINESS CARD! Phone Fax
E-mail Fax.
E-Mall
Region ————————————————————————————————————
□ Europe □ Africa □ Asia □ Oceania □ Middle East □ South America □ North America
Lurope Larica Lasia Loceania Limidote East Locutin America Linortin America
Speciality —
□ Cardiovascular or thoracic surgeon □ Anaesthesiologist □ Cardiologist
□ Radiologist □ Geneticist □ Basic scientist □ Ultrasound technician or nurse
□ Student □ Industry professional
□ Other.

Please fax back both sides of the form

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Registration fees (VAT 2	1% incl.1			
			Before July 15	After July 15 & onsite
□ Physician, Industry profess	370 €	470 €		
Resident*, Fellow*, Nurse*,	170 €	220€		
Industry professional with		1 500 €	2 000 €	
* A confirmation letter is required.			Before	After
			August 30	August 30
Abstract or Poster present All authors and co-authors will I		egistration fee.	170 €	220€
Social event —				
■ IMAD Official dinner (Frida	y, october 5): 50 € x	(Nb. person)		
Hotel accommodation				
(PRICES INCLUDE BREAKFAST & EXCLUDE CITY	TAX)	Single	Double	Choice
☐ 1. Alliance Hotel Liège Palais	des Congrès*** FULLY PO	125 <i>€</i>	/ Twin 141 €	hotel
☐ 2. Mercure Liège Centre**** F	ULLY BOOKED	135€	151€	
☐ 3. Crowne Plaza***** FULLY BOOK		170€	190€	
Refund of fee: a 10% administrative be given (including cancellation of n No-shows at the congress will be condeposit is needed to confirm any horeservation. The city tax is not include	registration & social even harged the full fee. Refun Itel booking. The whole st	t). Name changes ands will be process	are requested bef ed by end of Dece	ore September 21. mber 2012. One nigh
Booking details ———				
Arrival date	Type of room: Since	gle 🔲 Double	☐ Twin	
Departure date	Nb. of nights R	ate per night	€	
Total due				
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Cardholder's Name				
Cardholder's Signature Your signature authorizes your credit				abt to charge the
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Scientific contact:

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