



**PROGRAM**  
**70<sup>TH</sup> ESCVS**  
**CONGRESS & 7<sup>TH</sup>**  
**IMAD MEETING**

**20 | 23 JUNE 2022**

**Liège | Théâtre de Liège | Belgium**

**LOCAL ORGANIZING COMMITTEE**

**Natzi Sakalihasan**, CHU Liège, Belgium  
**Jean-Olivier Defraigne**, CHU Liège, Belgium  
ESCVS 2022 Congress Presidents



## EDITO

We are very happy to welcome you to the **7th edition of the International Meeting on Aortic Diseases**. This year is special in several ways: First of all, we are honored to host the **70th meeting of the ESCVS**, then we are very pleased to finally see you face to face.

As you know, **IMAD** focuses on new knowledge in basic research, as well as on the treatment of aortic valves, aneurysms, dissections (types A and B) and infections.

The **ESCVS** meeting will analyze the epidemiology and pathophysiology of cardiac and vascular diseases, as well as their medical management.

**We are happy** that Liège can welcome you all to share knowledge and experiences with the friendliness that makes our reputation!

We look forward to a great week of exchanges and conviviality.

**Pr Jean-Olivier DEFRAIGNE,**

**Pr Natzi SAKALIHASAN,**

**Local organizers**



**Natzi SAKALIHASAN**



**Jean-Olivier DEFRAIGNE**

## LOCAL CONTACT



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The ESCVS & IMAD congress 2022 is compliant with the **Ethical Medtech** business code of practice.



Mdeon Visa Number : 22/V2/13034/008125



The ESCVS & IMAD is accredited by the European Board for Accreditation in Cardiology for 21 CME credits.



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# SYNOPTIC ESCVS CONGRESS

					AUDITORIUM	ROOM PIEDS LEGRS	ROOM POMMETTE	ROOM VIVE
TUESDAY 21 JUNE	08:00						ESCVS EC MEETING	-
	09:00							
	09:15				-	-		VASCULAR YOUNG SURGEON AWARD 2
	09:30						VASCULAR YOUNG SURGEON AWARD 1	
	10:00							CARDIAC YOUNG SURGEON AWARD
	10:30	BREAK IN THE EXHIBITION HALL						
	11:00				VASCULAR SYMPOSIUM 1		IMAD ABSTRACT SESSION 1	
	11:30				-	CARDIAC SYMPOSIUM 1		-
	12:15				KEYNOTE LECTURE			
	12:30				LUNCH IN THE EXHIBITION HALL	INDUSTRY SYMPOSIUM	LUNCH IN THE EXHIBITION HALL	
	13:30				WELCOME ADDRESS			
	14:00				LERICHE LECTURE & LIFETIME ACHIEVEMENT AWARD	-	-	
	14:30				INTERDISCIPLINARY SESSION 1	CARDIAC ABSTRACT SESSION	IMAD ABSTRACT SESSION 2	INDUSTRY WORKSHOP
	15:00						-	
	16:00	BREAK IN THE EXHIBITION HALL						
	16:30				CARDIAC SYMPOSIUM 2	VASCULAR SYMPOSIUM 2	IMAD ABSTRACT SESSION 3	INDUSTRY WORKSHOP
	17:00						-	
	18:00	END OF THE SESSIONS						

					AUDITORIUM	ROOM OEIL VERT	ROOM PIEDS LEGRS	ROOM POMMETTE	ROOM VIVE
WEDNESDAY 22	08:00				CARDIAC SYMPOSIUM 3	VASCULAR SYMPOSIUM 3		ANESTHESIOLOGIC SYMPOSIUM 1	VASCULAR ABSTRACT SESSION
	09:15					VASCULAR SYMPOSIUM 4	-		
	10:00				CARDIAC SYMPOSIUM 4			-	
	10:15					KEYNOTE LECTURE			-
	10:30	BREAK IN THE EXHIBITION HALL							
	11:00				INTERDISCIPLINARY SESSION 2	CARDIAC ABSTRACT SESSION	-	IMAD ABSTRACT SESSION 4	-
	12:15				KEYNOTE LECTURE				
	12:30				LUNCH IN THE EXHIBITION HALL		INDUSTRY SYMPOSIUM	LUNCH IN THE EXHIBITION HALL	
	13:30				KIEFFER LECTURE			-	INDUSTRY WORKSHOP
	14:00				CARDIAC SYMPOSIUM 5	VASCULAR SYMPOSIUM 5	-	TAXINOMISIS	
	15:30	BREAK IN THE EXHIBITION HALL							
	16:00				INTERDISCIPLINARY SESSION 3A	VASCULAR SYMPOSIUM 6	-		INDUSTRY WORKSHOP
	17:40				INTERDISCIPLINARY SESSION 3B	VASCULAR SYMPOSIUM 7	CARDIAC SYMPOSIUM 6		
	18:30	END OF THE SESSIONS							
	19:30	OFFICIAL DINNER							

					AUDITORIUM	ROOM OEIL VERT	ROOM PIEDS LEGRS	ROOM POMMETTE
THURSDAY 23	08:00				VASCULAR SYMPOSIUM 8 AAA REPAIR		RESIDENT FORUM	
	09:15					CARDIAC SYMPOSIUM 7		-
	09:30				TRAINING SESSION		-	
	10:30	BREAK IN THE EXHIBITION HALL						
	11:00				VASCULAR SYMPOSIUM 9	CARDIAC SYMPOSIUM 9	-	-
	11:15					KEYNOTE LECTURE		
	12:30	LUNCH IN THE EXHIBITION HALL						
	13:30				VASCULAR SYMPOSIUM 10	-	-	-
	15:00	BREAK IN THE EXHIBITION HALL						
	15:30				VASCULAR SYMPOSIUM 11	-	-	ESCVS GENERAL ASSEMBLY
	16:30	CLOSING AND FAREWELL						



SYNOPTIC  
IMAD  
MEETING

		ROOM OEIL VERT		
MONDAY 20	13:30	WELCOME ADDRESS		
	14:00	NEW INSIGHTS IN THE ABDOMINAL AORTIC ANEURYSM PATHOLOGY AAA (II)		
	15:30	BREAK IN THE EXHIBITION HALL		
	16:00	SEX & GENDER DIFFERENCES IN ANEURYSMAL DISEASE		
	16:30	KEYNOTE LECTURE		
	18:00	END OF THE SESSIONS		
		AUDITORIUM	ROOM OEIL VERT	ROOM PIEDS LEGRS
TUESDAY 21	09:00	-	DIAGNOSTIC CHALLENGES IN AORTIC DISSECTION	-
	10:30	BREAK IN THE EXHIBITION HALL		
	11:00	IMAD-ESCVS JOINED SESSION VASCULAR SYMPOSIUM 1	NEW INSIGHTS IN THE ABDOMINAL AORTIC ANEURYSM PATHOLOGY AAA (II)	IMAD-ESCVS JOINED SESSION CARDIAC SYMPOSIUM 1
	12:30	LUNCH IN THE EXHIBITION HALL		
	14:00	IMAD-ESCVS JOINED SESSION LERICHE LECTURE & LIFETIME ACHIEVEMENT AWARD	-	-
	14:30	IMAD-ESCVS JOINED SESSION INTERDISCIPLINARY SESSION 1	SCREENING OF AAA	
	16:00	BREAK IN THE EXHIBITION HALL		
	16:30	-	AORTIC ENDOGRAFT FAILURE MODES: STRATEGIES FOR PREVENTION AND SALVAGE	-

		AUDITORIUM	ROOM PIEDS LEGERES
WEDNESDAY 22	09:00	-	THE GENETICS IN THE AORTOPATHY CLINIC AN UPDATE
	10:30	BREAK IN THE EXHIBITION HALL	
	11:00	IMAD-ESCVS JOINED SESSION INTERDISCIPLINARY SESSION 2 I	-
	12:30	LUNCH IN THE EXHIBITION HALL	
	13:30	IMAD-ESCVS JOINED SESSION KIEFFER LECTURE	-
	14:00	-	MEDICAL TREATMENT IN MARFAN SYNDROME AND RELATED HTAD - AN UPDATE
	15:30	BREAK IN THE EXHIBITION HALL	
	16:00	IMAD-ESCVS JOINED SESSION INTERDISCIPLINARY SESSION 3	-
	17:30	END OF SESSIONS	
	19:30	OFFICIAL DINNER	

TUESDAY JUNE 21
AUDITORIUM

10:30	COFFEE BREAK IN THE EXHIBITION HALL
11:00	VASCULAR SYMPOSIUM 1 THORACO-ABDOMINAL PATHOLOGY Moderators: Michael Jacobs, Domenico Palombo, Quentin Desiron
11:00	Update on arch branched endografts, endovascular treatment of ruptured TAAA, or FBEVAR for chronic dissections. Stephan Haulon
11:07	Are intercostal arteries reattachment during open TAAA repair really and definitively justified? Michael Jacobs
11:14	Aortic compliance after TEVAR: what is its relevance and can it be built in Endografts? Thomas Gandet
11:21	Selected abstract presentation.
11:28	Discussion
11:50	DEBATE: What is the best solution for uncomplicated type B-AD? Yes, Early Endovascular treatment of uncomplicated aortic dissection is the best choice. Igor Koncar No, Early Endovascular treatment of uncomplicated aortic dissection is not the best choice. Colin Bicknell
12:04	Discussion
12:15	KEYNOTE LECTURE
12:15	Patients with Thoracic Aortic Aneurysm: How Do They Die? Bulat Ziganshin
12:30	LUNCH IN THE EXHIBITION HALL
13:30	WELCOME ADDRESS Moderators: Franco Grego, Thierry Folliguet, Matthias Thielmann, Natzi Sakalihasan, Jean-Olivier Defraigne
14:00	LERICHE LECTURE & LIFETIME ACHIEVEMENT AWARD Moderator: Franco Grego
14:00	The evolution of EVAR for ruptured abdominal aortic aneurysms: from an oddity to the treatment of choice despite 3 randomized trials showing otherwise. Frank Veith
14:30	INTERDISCIPLINARY SESSION 1 DIFFICULT ISSUES IN PROXIMAL AORTIC DISSECTION AND NOVELTIES IN THE ARCH ANEURYSM MANAGEMENT Moderators: Christoph Nienaber, Stephan Haulon, Thierry Folliguet, Konstantinos Tsagakis, Vincent Tchana-Sato
14:30	Reflections on the current mortality of patients with type A aortic dissection. Kevin Harris
14:37	Multifactorial prediction of survival in proximal aortic dissection. Stephan Kurz
14:44	Will there be an endovascular solution for proximal dissection? Martin Czerny
14:51	Discussion
14:58	Failure modes for aortic arch endografts and solutions. Christoph Nienaber
15:15	Endovascular aortic arch repair Ishimaru 0-3 is associated with cerebral microbleeds – insights from the STEP registry. Wolf Eilenberg
15:22	Total percutaneous arch repair. Stephan Haulon
15:29	Hybrid repair of acute type A aortic dissection with visceral malperfusion. Konstantinos Tsagakis
15:36	Discussion
16:00	COFFEE BREAK IN THE EXHIBITION HALL
16:30	CARDIAC SYMPOSIUM 2 NEW PLAYERS IN THE TREATMENT OF AORTIC VALVE STENOSIS Moderators: Patrizio Lancellotti, Oliver Liakopoulos, Piotr Suwalski
16:30	Impact of the new guidelines on heart team decision for TAVI or SAVR. Christoph Nienaber
16:37	AVR goes mini: where is the evidence? Vincent Tchana-Sato
16:44	TAVI Vs minimal invasive aortic valve surgery? Olivier Bouchot
16:51	Surgical aortic valve replacement (SAVR) with rapid-deployment valves. Oliver Liakopoulos
16:58	Discussion
17:15	New tissue valve prothesis: the new kids on the block. Bart Meuris
17:22	Key issues on bioprosthetic valve degeneration. Patrizio Lancellotti
17:29	Are mechanical valves still useful in aortic position at the VIV era? Thierry Folliguet
17:36	Results of Avatar clinical research trials. Svetozar Putnik
17:43	Discussion
18:00	END OF SESSION

TUESDAY JUNE 21
ROOM PIEDS LEGRS

CHANGE OF ROOM OEIL VERT

10:30	COFFEE BREAK IN THE EXHIBITION HALL
11:00	CARDIAC SYMPOSIUM 1 BAV AORTOPATHY: FROM BASIC RESEARCH TO SURGERY Moderators: Alessandro Della Corte, Konstantinos Tzagakis
11:00	Biomechanical implications of BAV aortopathy. Alberto Redaelli
11:07	Hemodynamic, developmental and histopathological aspects of BAV aortopathy. Nimrat Grewal
11:14	Features and outcomes of acute aortic dissection in BAV patients. Thomas Schachner
11:21	Ross operation in BAV patients. Ismail El-Hamamsy
11:28	Discussion
11:49	Always address the root in BAV-related aortic pathology? Luca Paolo Weltert
11:56	When and how to extend resection into the arch in BAV aortopathy surgery. Alessandro Della Corte
12:03	Valve sparing techniques in bicuspid aortopathy in patients with acute aortic syndrome. Julia Dumfarth
12:10	Discussion
12:30	LUNCH IN THE EXHIBITION HALL
14:30	CARDIAC ABSTRACT SESSION Moderators: Nikolaos Bonaros, Rodolphe Durieux, Oztekin Oto
14:30	Long-term results of coronary artery by-pass grafting with intra-aortic balloon pump support in high-risk patients with acute coronary syndrome. Fuad Abdullayev
14:36	Fifteen-year outcomes of valve-sparing replacement of the aortic root or the noncoronary sinus of Valsalva. Yihua Liu
14:42	Surgical treatment of high-risk patients with postinfarction aneurysm of left ventricle. Olena Gogayeva
14:48	Left ventricle restoration in end stage ischemic dilated cardiomyopathy. Zivojin Jonjev
14:54	Bilateral skeletonized IMAs used as in situ grafts for different coronary territories. Zivojin Jonjev
15:00	The first experience of surgical treatment of ascending aortic dissections. Abdusalom Abdurakhmanov
15:06	Survival and quality of life in patients with patient-prosthesis mismatch after aortic valve replacement with biological prosthesis. Milos Matkovic
15:12	Repair of atrioventricular canal defects: long-term outcome. Theodor Tirilomis
15:18	Novel porcine model of moderate ascending compared to descending thoracic aorta stenosis for chronic early vs. late LV afterload increase and asynchronic D assessed in invasive hemodynamic assessment. Sofija Popevska
15:24	Influence of coronary artery diameter on the pattern of bypass volumetric blood flow curve according to intraoperative ultrasonic flowmetry data in patients undergoing CABG. Dmitrii Petrovskii
15:30	Patency of coronary bypass grafts in patients with diffuse lesions. Hospital results. Islam Akhmadov
15:36	A rare case of isolated ascending aortic prosthetic graft endocarditis. Ahmet Ozan Koyuncu
15:42	Risk factors associated with the development of early complications after pulmonary endarterectomy at patients with CTEPH. Vilnur Gazizov
15:48	Early outcomes of ascending aortic replacement in patients with moderate dilation and aneurysm. Dmitri Panfilov
15:54	Effect of Preoperative Cilostazol Use on Myocardial Protection and Perioperative Myocardial Infarction. Sefer Usta
16:00	COFFEE BREAK IN THE EXHIBITION HALL
16:30	VASCULAR SYMPOSIUM 2 MANAGEMENT OF (PROSTHETIC) INFECTIONS Moderators: Igor Koncar, Zoran Rancic, Samuel Bruls
16:30	Validation of the management of aortic graft infection collaboration (MAGIC) criteria for the diagnosis of vascular graft/endograft infection. Zoran Rancic
16:37	Treatment strategies for infected aortic grafts. Christos Liapis
16:44	Can we increase awareness and minimize late infections? Rebecka Hultgren
16:51	Prefabricated bovine pericardial grafts for reconstruction of the aorto-iliac axis under infectious conditions. Wolf Hans Eilenberg
16:58	Discussion
17:15	Aortic graft infections: short and long term results of open AGI repair using bovine tailored pericardium graft replacement in correlation with a semi-quantitative PET/CT approach. Albert Busch
17:22	[18 F] FDG PET/CT can improve the diagnostic accuracy for aortic endograft infection. Imane El Hassani
17:29	Treatment of endograft infections. Clark Zeebregts
17:36	Prosthetic infection guidelines - an update. Igor Koncar
17:43	Discussion
18:00	END OF SESSION



TUESDAY JUNE 21

ROOM POMMETTE

09:00	<b>VASCULAR YOUNG SURGEON AWARD 1</b> <b>Moderators:</b> Arnaud Kerzmann, Miltos Matsagkas, Domenico Palombo, Clark Zeebregts
09:00	Cutaneous fistula after open repair of a popliteal artery aneurysm: a case report and review of the literature. <b>Martin Bordet</b>
09:06	Infrarenal transposition of the superior mesenteric artery in wilkie S syndrome. <b>Talal ALI</b>
09:12	Outcomes of carotid surgery in symptomatic patients. <b>Fatma Aouini</b>
09:18	Carotid Endarterectomy With Primary Closure: Is It Safe? <b>Fatma Aouini</b>
09:24	Characteristic of the main vessels? Injuries of the lower extremities and their results of treatment during joint forces operation in 2014 - 2019 years. <b>Yulia Nahaliuk</b>
09:30	one succesful clinical case with a gunshot wound of the popliteal area of our experience in the treatment of injuries of lower extremities. <b>Yulia Nahaliuk</b>
09:36	Saphenous venous graft aneurysm 29 years after femoropopliteal bypass surgery- case presentation. <b>Ionel Droc</b>
09:42	Surgical treatment of gunshot multiple shrapnel wound of brachiocephalic vessels, trachea, lung, stomach. <b>Yulia Nahaliuk</b>
09:48	Iliac branch device a possible solution for the preservation of the inferior mesenteric artery in complex aortic endovascular procedure. <b>Francesca Sodero</b>
09:54	Optimizing secondary prevention: A 1-year review of lipid lowering therapy (LLT) and cholesterol monitoring in patients undergoing carotid surgery. <b>Jing Yi Kwan</b>
10:00	agent based and finite element method for plaque development in the carotid artery. <b>Nenad Filipovic</b>
10:06	Outcomes of endovascular reconstructive techniques in TASC II C-D aortoiliac lesions. <b>Dario Palermo, Sergio Zacà</b>
10:24	Atherosclerotic plaque characterization using deep learning methods. <b>Igor Koncar, Smiljana Tomasevic</b>
10:30	Gender related outcomes in asymptomatic patients undergoing carotid artery stenting. <b>Claudio Desantis</b>
10:36	Outcomes of single stage hybrid revascularisation for multilevel peripheral arterial disease. <b>Sinead Cremen</b>

10:30 COFFEE BREAK IN THE EXHIBITION HALL

11:00	<b>IMAD ABSTRACT SESSION 1</b> <b>Moderators:</b> Julie De Backer, Dianna Milewicz, Patrick Sips
11:00	Genome-wide epistasis for cardiovascular severity in Marfan study design: patient organization driven research. <b>Lotte Van Den Heuvel</b>
11:06	Arterial disease beyond the aorta and vascular risk assessment in Marfan syndrome. <b>Jean Sénémaud</b>
11:12	Whole-exome sequencing of 677 unrelated aneurysm patients identifies multiple rare variants of the proprotein convertase <b>FURIN</b> causing impaired <b>TGFB</b> signaling. <b>Arne IJpma</b>
11:18	Polymorphisms of genes encoding selenoproteins influence the growth of abdominal aortic aneurysm (AAA) - a study in Polish population. <b>Ewa Strauss</b>
11:24	Genetic Bechet's disease in Hughes-Stovin Syndrome new finding and successful treatment. <b>Andrea Ascoli Marchetti</b>
11:30	Possible role of <b>SPP1</b> in degenerative ascending aortic aneurysm formation. <b>David Freiholtz</b>

12:30 LUNCH IN THE EXHIBITION HALL

TUESDAY JUNE 21

ROOM POMMETTE

14:30	<b>IMAD ABSTRACT SESSION 2</b> <b>Moderators:</b> Evelyne Boesmans, Luis Leon
14:30	Open repair of ruptured abdominal aortic aneurysms in a high-volume tertiary referral center: proposal of a prediction model for 30-day mortality. <b>Nicola Troisi</b>
14:36	ASA is associated with a lower prevalence of ascending aortic aneurysm and a decreased aortic expression of <b>COX2</b> . <b>Carl Granath</b>
14:42	Late spontaneous aorto-enteric fistula after endovascular repair of abdominal aortic aneurysm. <b>Justine Pudzeis</b>
14:48	Growth rates of the normal, sub-aneurysmal, and aneurysmal ascending aorta: a 5-year follow-up study from the population-based randomized dancavas screening trials. <b>Lasse M Obel</b>
14:54	Clinical studies reporting on vascular graft coatings for the prevention of aortic graft infection: a systematic review and meta-analysis. <b>Hozan Mufty</b>
15:00	Acute Covid-19 infection, endoleak type iii and fatal rupture of abdominal aortic aneurysm. <b>Tina Cohnert</b>
15:06	Type IA endoleak caused by kissing struts. <b>Pauline Gaillard</b>
15:12	Peak wall stress and peak wall rupture index are associated with time to rupture in abdominal aortic aneurysms. <b>Antti Siika</b>

15:30 COFFEE BREAK IN THE EXHIBITION HALL

16:30	<b>IMAD ABSTRACT SESSION 3</b> <b>Moderators:</b> Kakkhee Yeung, Jes Lindholt, Lucia Musumeci
16:30	Tracing microcalcification development in the porcine pancreatic elastase murine model of abdominal aortic aneurysm using <b>[18F]-NaF</b> . <b>Michael Bell</b>
16:36	(Phospho)proteomic screen to investigate the underlying mechanism of altered in vitro contractility of vascular smooth muscle cells derived from abdominal aortic aneurysm patients. <b>Karlijn Rombouts</b>
16:42	Comparison of four mouse models for abdominal aortic aneurysm by 3D ultrasound. <b>Nahla Ibrahim</b>
16:48	The cell strikes back: disease responsive gene therapy for aortic aneurysms. <b>Natalija Bogunovic</b>

18:00 END OF SESSION

# TUESDAY JUNE 21

## ROOM VIVE

09:00	<b>VASCULAR YOUNG SURGEON AWARD 2</b> <b>Moderators:</b> Mirko Menegolo, Tulga Ulus
09:00	Risk factors and adverse events related to supra- and infra-renal aortic dilatation after evar. <b>Petroula Nana</b>
09:06	Determination of optimal and safest proximal sealing length during thoracic endovascular aortic repair. <b>Francesco Squizzato</b>
09:12	Emergent in-situ fenestration in the ascending aorta for the endovascular repair of a large pseudoaneurysm. <b>Andrea Spertino</b>
09:18	Iliac bifurcation reconstruction as completion in TAAAs endovascular treatment using Endologix AFX. <b>Dario Palermo</b>
09:24	Impact of conical anatomy on proximal neck adverse events after evar. <b>Petroula Nana</b>
09:30	Geometrical determinants of target vessel instability in fenestrated endovascular aortic repair. <b>Francesco Squizzato</b>
09:36	Endovascular treatment of abdominal aortic aneurysm: impact of diabetes on endoleaks and reintervention. <b>Charlotte Praca</b>
09:42	Results of surgical removal of infected aortic grafts and stent-grafts after treatment of infrarenal aortic aneurysms. <b>Cassandre Michel</b>
09:48	AneuFix, a novel treatment for type 2 endoleak: short term results of a multicenter pivotal trial. <b>Stefan Smorenburg</b>
09:54	Artificial intelligence-based intraoperative endoleak visualization on completion digital subtraction angiography during endovascular aneurysm repair. <b>Stefan Smorenburg</b>

## 10:30 COFFEE BREAK




# WEDNESDAY JUNE 22

## AUDITORIUM

08:00	<b>CARDIAC SYMPOSIUM 3</b> <b>MECHANICAL CIRCULATORY SUPPORT &amp; HEART TRANSPLANTATION</b> <b>Moderators:</b> Vincent Tchana-Sato, Tom Verbelen
08:00	Political bias in LVAD as destination therapy in the middle of Europe. <b>Philippe Jr. Timmermans</b>
08:07	New VAD concepts as bridge-to heart transplantation. <b>TBA</b>
08:14	LVAD and the failing right heart. <b>Steven Jacobs</b>
08:21	Ex-vivo heart preservation system in heart transplantation. <b>Dumfarth Julia</b>
08:28	Discussion
08:41	Total artificial heart devices: the next generation is here. <b>Bart Meyns</b>
08:49	Cardiac procedures under mechanical support – Where do we stand? <b>Bastian Schmack</b>
08:56	Discussion

09:15	<b>CARDIAC SYMPOSIUM 4</b> <b>SMALL IS BEAUTIFUL FOR THE MITRAL VALVE</b> <b>Moderators:</b> Nikolaos Bonaros, Marc Radermecker, Ergun Demirsoy
09:15	Minimally invasive mitral valve repair: how to make the first steps? <b>Piotr Suwalski</b>
09:22	3D vision and loops: the best way to treat prolapse. <b>Peyman Sardari</b>
09:29	Robotics and resection: modern meets classic. <b>Emiliano Navarro</b>
09:36	Discussion
09:53	Barlow syndrome: one pathology many options. <b>Nikolaos Bonaros</b>
10:00	Star wars: TMVI vs TEER for functional MR. <b>Christophe Dubois</b>
10:07	Percutaneous mitral valve implantation. <b>Thomas Modine</b>
10:14	Discussion

## 10:30 COFFEE BREAK IN THE EXHIBITION HALL

11:00	<b>INTERDISCIPLINARY SESSION 2</b> <b>COVID – 19 RELATED</b> <b>Moderators:</b> Ronald Dalman, Delphine Szeceł, Jean-Michel Dogné
11:00	The role of perivascular fat inflammation and COVID-19 and aortic inflammation. <b>Khak Khee Yeung</b>
11:07	Does Covid-19 increase AAA disease risk? <b>Ronald Dalman</b>
11:14	COVID19 vaccine and thrombosis. <b>Jean-Michel Dogné</b>
11:21	Thrombosis due to disease, vaccination or treatment- will we ever know- and why ? <b>Rebecka Hultgren</b> 
11:28	Discussion
11:40	How did COVID-19 impact on the care of patients with aortic dissection? <b>Roman Gottardi</b> 
11:47	Heart Transplantation during COVID-19 era. <b>Vincent Tchana-Sato</b>
11:54	The influence of Covid on endocarditis incidence. <b>Raluca Elena Dulgheru</b>
12:01	ECMO during the covid19 pandemic. <b>Roberto Lorusso</b> 
12:08	Discussion

## 12:30 LUNCH IN THE EXHIBITION HALL

13:30	<b>KIEFFER LECTURE</b> <b>Moderators:</b> Thierry Folliguet, Natzi Sakalihasan
13:30	Integrating precision genomics into your aortic center (surgeon vs geneticist: different perspectives and goals). <b>John Elefteriades</b>



WEDNESDAY JUNE 22

AUDITORIUM

14:00	<b>CARDIAC SYMPOSIUM 5</b> <b>A NEW TREND IN CORONARY BYPASS SURGERY - MINIMALLY INVASIVE APPROACH</b> <b>Moderators:</b> Jean-Olivier Defraigne, Ergun Demirsoy, Oztekin Oto, Matthias Thielmann
14:00	Different graft configurations for minimally invasive coronary artery bypass. Ilhan Mavioglu
14:07	Rita use in minimally Invasive coronary bypass surgery. Keita Kikuchi
14:14	Is minimally invasive approach possible in all patients who require coronary bypass surgery. Ergun Demirsoy
14:21	Multiple arterial graft use in minimally invasive coronary bypass surgery. Oleksandr Babliak
14:28	A new heart Positioner Suction device in Minimally invasive coronary bypass surgery. Taichi Sakaguchi
14:35	Potential complications in minimally invasive multivessel coronary bypass grafting from wound site to anastomotic quality. Mehmet Kaya
14:42	Discussion
15:00	State of the art of sutureless coronary anastomoses. Bart van Putte, Marieke Hoogewerf & Patrick Klein <ul style="list-style-type: none"><li>• Pre-clinical trial experiences incl. ELANA Heart Bypass Live in a box.</li><li>• First In Human study design and future results</li></ul>
15:10	Next level of MIS with connectors in CABG. Stephan Jacobs & Timo Nazari <ul style="list-style-type: none"><li>• MIDCAB animal experiences incl. ELANA Heart Bypass Live in a box.</li></ul>
15:20	Discussion
15:30	<b>COFFEE BREAK IN THE EXHIBITION HALL</b>
16:00	<b>INTERDISCIPLINARY SESSION 3A</b> <b>OUTCOME PREDICTION IN HERITABLE THORACIC AORTIC DISEASE (HTAD)</b> <b>Moderators:</b> Julie De Backer, Natzi Sakalihasan, Matthias Thielmann
16:00	Can clinical parameters help in risk prediction?
16:07	Can surgical management be gene-tailored? John Elefteriades
16:14	Personalized medicine of heritable thoracic aortic disease beyond marfan syndrome. Dianna Milewicz
16:21	Discussion
16:41	Curating genes and variants for heritable thoracic aortic disease - a dynamic process! Julie De Backer
16:48	Genetics and Genomics 101: what you absolutely need to know, and not a drop more. Bulat A. Ziganshin
16:55	New guidelines in connective tissue disorders. Bart Loeys
17:02	Discussion
17:40	<b>INTERDISCIPLINARY SESSION 3B</b> <b>ROUND TABLE DISCUSSION : DO WE NEED NEW THRESHOLD FOR AORTIC ROUTE AND ASCENDING AORTA SURGERY?</b> <b>Animator:</b> Natzi Sakalihasan <b>Moderators:</b> Nikolaos Bonaros, Martin Czerny, Julie De Backer, Alessandro Della Corte, Jean-Olivier Defraigne, John Elefteriades, Nimrat Grewal, Guillaume Jondeau, Stephan Kurz, Bart Loeys, Dianna Milewicz, Christoph Nienaber, Natzi Sakalihasan, Thomas Schachner, Vincent Tchana-Sato, Konstantinos Tsagakis
17:40	Liège experience with Type A TAD. Vincent Demesmaker
18:30	<b>END OF SESSION</b>
19:30	<b>OFFICIAL DINNER</b>

WEDNESDAY JUNE 22

ROOM ŒIL VERT

CHANGE OF ROOM PIEDS LEGRS

08:00	<b>VASCULAR SYMPOSIUM 3</b> <b>NEW APPROACHES FOR HEMODIALYSIS ACCESS</b> <b>Moderators:</b> Denis Henroteaux, Maarten Snoeijls, Mirko Menegolo
08:00	Pro Endovascular creation of AVF. Maarten Snoeijls
08:07	Cons Endovascular creation of AVF. Thierry Pourchez
08:14	Results of the WaveLink device. Denis Henroteaux
08:21	Results of the Ellipsys device. Alexandros Mallios
08:28	Central and peripheral vein stenosis: vascular and endovascular solutions for preservation of vascular access. Mirko Menegolo
08:35	Discussion
09:15	<b>VASCULAR SYMPOSIUM 4</b> <b>AORTIC ILIAC OCCLUSIVE DISEASES</b> <b>Moderators:</b> Miltos Matsagkas, Arnaud Kerzmann
09:15	Is CERAB the way to go for aorto-iliac occlusive disease? Clark Zeebregts
09:22	Treating TASC C and D aorto-iliac occlusive disease with endovascular means: which is the best strategy? Athanasios Saratzis
09:29	Predictors of in-hospital mortality and complications in acute aortic Occlusion. Lazar Davidovic
09:36	Aorto-iliac occlusion: is there a consensus? Lorenzo Patrone
09:43	Discussion
10:10	<b>KEYNOTE LECTURE</b> 10:10 Innovation and Guidelines - Does the one exclude the other? Philippe Kolh
10:30	<b>COFFEE BREAK IN THE EXHIBITION HALL</b>
12:30	<b>LUNCH IN THE EXHIBITION HALL</b>
14:00	<b>VASCULAR SYMPOSIUM 5</b> <b>ABOVE THE KNEE PERIPHERAL ARTERIAL DISEASE</b> <b>Moderators:</b> Vlad Alexandrescu, Arnaud Kerzmann, Jos van den Berg
14:00	Update on drug eluting technology for infrainguinal applications. Marianne Brodmann
14:07	What proves better: surgery or percutaneous atherectomy in extended femoropopliteal lesions? Arnaud Kerzmann
14:14	Retrograde recanalization is better than re-entry devices. Koen Deloose
14:21	Discussion
14:45	How to best treat heavy calcified infrainguinal lesions: BMS, DES, Scoring, Cutting Balloons, Atherectomy, Laser, etc.? Jos van den Berg
14:52	One day or one night hospital stay for percutaneous angioplasty for PAD patients? Yann Gouëffic
14:59	Findings from the pan-European COBRA study and some preliminary findings using lithotripsy in the iliacs. Athanasios Saratzis
15:06	Discussion
15:30	<b>COFFEE BREAK</b>

WEDNESDAY JUNE 22

ROOM ŒIL VERT

CHANGE OF ROOM PIEDS LEGRS

- 16:00

VASCULAR SYMPOSIUM 6

MANAGEMENT OF SUPERFICIAL VEIN AND DEEP VENOUS DISEASE

Moderators: Charlotte Holemans, Janine Quaniers

16:00 Comparison of EVLA and glue for the treatment of saphenous insufficiency. Janine Quaniers

16:07 Evaluation of patients for pelvic vein disorders. Nicos Labropoulos

16:14 Discussion

16:21 Treatment of chronic venous obstruction. Stephen Black

16:41 Management of patients with pelvic reflux. Marie-Josée Van Rijn

16:48 Insights into pelvic congestion syndrome. Marald Wikkeling

16:55 Genetic mutations for DVT. Tulga Ulus

17:02 Discussion
- 17:17

TABLE DISCUSSION : TREATMENT OF RECURRENT VARICOSE VEINS
- 17:30

VASCULAR SYMPOSIUM 7

DIABETIC FOOT SYNDROME AND NEURO-ISCHEMIC WOUND HEALING

Moderators: Vlad Alexandrescu, Evelyne Boesmans, Petroula Nana

17:30 Does coexisting diabetic neuropathy influence current vascular prognostic? Vlad Alexandrescu

17:37 Cutaneous blood flow in diabetic neuro-ischemic feet: How to best evaluate and what the hurdles are? Paul Michael

17:44 A correct angiographic result always equals to proper foot regional reperfusion? Jihad Mustapha

17:51 Diabetic limb salvage beyond correct revascularization: how to assist appropriate hemodynamic outcome? Lorenzo Patrone

17:58 Diabetic foot & infection biofilm: what you can't see is finally what you can get! Marcelle Rorive

18:05 Diabetic foot syndrome and neuro-ischemic wound healing. Victor Rodriguez

18:12 Discussion

18:30 END OF SESSION

19:30 OFFICIAL DINNER

WEDNESDAY JUNE 22

ROOM PIEDS LEGRS

CHANGE OF ROOM ŒIL VERT

- 17:30

CARDIAC SYMPOSIUM 6

BASICS IN MITRAL DISEASE

Moderators: Marc Radermecker, Piotr Suwalski

17:30 M&Ms and the heart: The mitral valve in Marfans. Julie De Backer

17:37 Surgical treatment of mitral endocarditis. Jean-François Obadia

17:44 The science behind annuloplasty rings and bands. Luca Paolo Weltert

17:51 How to avoid catastrophies in MAC? Nikolaos Bonaros

17:58 Discussion

WEDNESDAY JUNE 22

ROOM VIVE

- 08:00

VASCULAR ABSTRACT SESSION 1

Moderator: Quentin Desiron

08:00 Atherectomy with drug-eluting balloon for common femoral artery occlusive disease: short term experience. Arnaud Kerzmann

08:06 The role of the nexus aortic arch system in reducing neurological events after aortic arch repair. Paul Hayes

08:12 Renal function after endovascular abdominal aortic aneurysm repair. Arnaud Kerzmann

08:18 End of life care and advance care planning for outpatients with inoperable abdominal aortic aneurysms ? A retrospective cohort study. Henry Davies, Marie Joé Vleugels

08:24 Anesthetic management of patients with ruptured aortic aneurysm. Jelena Varnai-Canak

08:30 Explantation vs graft preserving strategy following primary endovascular aneurysm repair: two decades of evar and lessons learned. Sherif Sultan

08:36 The results of treatment and testing of the developed method of complex treatment of wounds and trophic ulcers based on the our experience of treatment of wounded with military trauma. Yulia Nahaliuk

08:42 Multisystemic presentation of may-thurner syndrome involving cardiovascular, genitourinary, gynecologic, neurologic, orhthopedic, and gastrointestinal symptoms that improves or resolve after intervention: a single-center experience of a 289-patient analys. Kurtis Kim

08:48 Factors affecting patency of in situ saphenous vein bypass: 2-year results from limbsave (treatment of critical limb ischemia with infragenicular bypass adopting in situ saphenous vein technique) registry. Nicola Troisi

08:54 Non-reversed bifurcated vein graft improves time to healing in ischemic patients undergoing lower limb distal bypass. Nicola Troisi

09:00 Endoscopy biopsy forceps as tool for iliac covered stent removal. Nicola Troisi

09:06 Comparison of intra-abdominal pressure levels in patients undergoing open surgery vs. Evar. Sefer Usta

09:12 Carotid endarterectomy (cea) in urgently admitted symptomatic patients. Paola Wiesel

09:18 Total endovascular repair of an aneurysmal aberrant right subclavian artery using a custom made aortic arch prosthesis. Georgios Sachsamanis

10:30 COFFEE BREAK IN THE EXHIBITION HALL

19:30 OFFICIAL DINNER



# WEDNESDAY JUNE 22

## ROOM POMMETTE

08:00	<b>ANESTHESIOLOGIC SYMPOSIUM 1</b> <b>PERIOPERATIVE CARE FOR CARDIAC AND VASCULAR SURGERY PATIENTS</b> <b>Moderators:</b> Grégory Hans, Caroline Vanpeteghem
08:00	Perioperative risk assessment tools: What a vascular surgeon needs to know. Vasileia Nyktaki
08:07	Intraoperative management in the vascular OR. Metaxenia Bareka
08:14	Frailty and post operative delirium: do we bother? Maria Ntalouka
08:21	DOACs (Direct Oral Anticoagulants) and reversal. Considerations for vascular surgeons. Marc Senard
08:28	Enhanced recovery after minimally invasive cardiac surgery: is there a place for on table extubation ? Océane Jaquet
08:35	TEE strain in the operating room. Grégory Hans
08:42	Paraspinal NIRS monitoring during TEVAR. Caroline Vanpeteghem
08:49	Anesthetic management of patients with ruptured abdominal aortic aneurysm. Jelena Varnai
08:56	Discussion

## 10:30 COFFEE BREAK IN THE EXHIBITION HALL

11:00	<b>IMAD ABSTRACT SESSION 4</b> <b>Moderators:</b> Vlad Alexandrescu, Arnaud Kerzmann
11:00	Treatment of blunt aortic isthmus rupture: 19-years single center experience. Elie Minga Lowampa
11:12	Malperfusion syndromes in type A aortic dissection. Kateryna Hudzenko
11:18	Long-term thoracic endovascular repair follow-up from 1999-2019 ? A single-center experience. Mads Liisberg
11:24	Clinical characteristics, incidences, and mortality rates for aortic dissections type A and B: a nationwide danish population-based cohort study from 1996 to 2016. Lasse M Obel
11:30	infrarenal abdominal aortic dissection ? Hybrid treatment: case presentation. Obel Droc

## 12:30 LUNCH IN THE EXHIBITION HALL

14:00	<b>TAXINOMISIS</b> <b>Moderators:</b> Gert-Jan de Borst, Igor Koncar
14:00	Background of TAXINOMISIS project. Igor Koncar
14:07	Risk stratification tool. Panagiotis Siogkas
14:14	Clinical study. Perica Mutavdzic
14:21	Modeling of carotid bifurcation and plaque based on ultrasound images. Nenad Filipovic
14:28	MRI plaque analysis. Marija Jovanovic Macvanski & Georgios Karagiannis
14:35	Brain MRI analysis. Laura Ludovica Gramegna
14:42	Discussion

## 15:30 END OF SESSION

## 19:30 OFFICIAL DINNER

# THURSDAY JUNE 23

## AUDITORIUM

08:00	<b>VASCULAR SYMPOSIUM 8</b> <b>AAA REPAIR</b> <b>Moderators:</b> Arnaud Kerzmann, Miltos Matsagkas, Zoran Rancic
08:00	Endovascular treatment of ruptured pararenal aneurysms using chimneys. Miltos Matsagkas
08:07	Hostile AAAs both for the endovascular and open repair-surgical pitfalls. Jiri Molacek
08:14	4x FEVAR without stenting of the celiac artery. Thanos Katsargyris
08:21	Clinical effect of accessory renal artery coverage after endovascular repair of aneurysms in abdominal and thoracoabdominal aorta. Athanasios Giannoukas
08:28	Discussion
08:45	Early and long-term Outcomes of endovascular aortic repair in young and low surgical risk patients in the global registry for endovascular aortic treatment. Franco Grego
08:52	Is it effective to treat octogenarians having AAA with complex endovascular procedures? Clark Zeebregts
08:59	Decision making key factors for the treatment of complex aortic aneurysms: The APPROACH concept. Konstantinos Donas
09:06	National trends for open and endovascular repair of aneurysms in Korea. Jin Hyun Joh
09:13	Community practice experience with ruptured abdominal aortic aneurysm: impact of an endovascular first approach. Scott Berman
09:20	Discussion

09:30	<b>TRAINING SESSION</b> <b>SUPPORT OF THE FELLOWS FOR THEIR SURGICAL EDUCATION</b> <b>Moderators:</b> Igor Koncar, Peyman Sardari, Piotr Suwalski, Delphine Szezel
09:30	Surgical bootcamp, a must-do before beginning surgical training. Olivier Detry
09:37	In situ simulation in the operating room. Fernande Lois
09:44	Beginning a training and simulation program in cardiovascular surgery in an academic hospital. Delphine Szezel
09:51	Simulation in perfusion training, an overview. Emmanuel Devolder
09:58	Debriefing techniques. Jonathan Goffoy
10:05	Discussion

## 10:30 COFFEE BREAK IN THE EXHIBITION HALL

11:00	<b>VASCULAR SYMPOSIUM 9</b> <b>CAROTID DISEASE</b> <b>Moderators:</b> Gert-Jan de Borst, Hans-Henning Eckstein
11:00	Asymptomatic stenosis : when is the best medical therapy enough? Nicos Labropoulos
11:07	5-year results of ACST-2. Alison Halliday
11:14	Non-coding RNA regulation of carotid artery disease and plaque vulnerability. Lars Mägdefessel
11:21	Which treatment method offers the real benefit for patient with carotid diseases.
11:28	Discussion
11:45	Early outcomes of carotid revascularization in retrospective case series. Athanasios Giannoukas
11:52	How to generate evidence for the treatment of carotid stenosis - the 2021 carotid guideline of the European Stroke Society (ESO). Hans-Henning Eckstein
11:59	Intraoperative neurological monitoring during carotid endarterectomy. Igor Koncar
12:06	Clinical response to procedural stroke following carotid endarterectomy: a delphi consensus study. Gert-Jan de Borst
12:13	Discussion

## 12:30 LUNCH IN THE EXHIBITION HALL

# THURSDAY JUNE 23

## AUDITORIUM

13:30	<b>VASCULAR SYMPOSIUM 10</b> <b>VISCERAL ARTERIES</b> <b>Moderators:</b> Evelyne Boesmans, R. (Bob) Geelkerken, Miltos Matsagkas, Mirko Menegolo
13:30	Which is the best access : upper limb or femoral puncture ? Denis Henroteaux
13:37	Patency of SMA and coeliac trunk stents : Liège experience. Evelyne Boesmans
13:44	Is superior mesenteric artery (SMA) stenting justified for asymptomatic patients ? Hans-Henning Heckstein
13:51	Indications and tips for retrograde open mesenteric stenting (ROMS). Jean-Nicolas Sénémaud
13:58	Discussion
14:19	Can all visceral aneurysms be treated by embolization? Jos van den Berg
14:26	Endovascular management of splanchnic and renal aneurysms. Miltos Matsagkas
14:33	Management of median arcuate ligament syndrome. An update. R. (Bob) Geelkerken
14:40	Discussion

## 15:00 COFFEE BREAK IN THE EXHIBITION HALL

15:30	<b>VASCULAR SYMPOSIUM 11</b> <b>BELOW THE KNEE CHRONIC LIMB-THREATENING ISCHEMIA</b> <b>Moderators:</b> Vlad Alexandrescu, Jos van den Berg
15:30	Tibial calcifications and appropriate thinking in BTK and BTA endovascular revascularization. Jihad Mustapha
15:37	Review on contemporary BTK trials: how to improve current clinical data? Jos van den Berg
15:44	Anatomical and physiological features of tibial-pedal circulation and practical points for interventions. Vlad Alexandrescu
15:51	What does it mean “effective vessel preparation” in Tibial-Pedal Endovascular Revascularization? Marianne Brodmann
15:58	How to define “the best BTK artery to treat”: by following morphologic, run-off or topographic collateral orientation? Lorenzo Patrone
16:05	Deep venous arterialization for no option CLTI presentations, today. Jihad Mustapha
16:12	Below the knee critical limb-threatening ischemia. Giovanni Pratesi
16:19	Discussion

## 16:26 CLOSING AND FAREWELL

# THURSDAY JUNE 23

## ROOM ŒIL VERT

08:00	<b>CARDIAC SYMPOSIUM 7</b> <b>THE SCIENCE TRACK BEHIND THE TREATMENT OF AORTIC VALVE STENOSIS</b> <b>Moderators:</b> Ergun Demirsoy, Rodolphe Durieux, Bart Meuris, Jes Lindholt
08:00	IgG4-related disease and evolution of the aortic stenosis. Lucia Musumeci
08:07	Toll-like receptor 3 mediates the onset of aortic valve calcification. Can Gollmann-Tepeköylü
08:14	Drugs and calcium load regression: the Aortic Valve DECalcification (AVADEC) trial. Jes Lindholt
08:21	Disease onset to progression: New bio-imaging markers. Philippe Pibarot
08:28	Discussion
09:00	Minimally invasive surgical closure of ASD. Daniel Zimpfer
09:07	Hybrid techniques for TOF - «PDA/RVOT stenting neonatally prior to surgical repair». Bjorn Cools
09:14	Discussion

## 10:30 COFFEE BREAK IN THE EXHIBITION HALL

11:00	<b>CARDIAC SYMPOSIUM 9</b> <b>HOW TO REVASCULARIZE PATIENTS WITH ISCHEMIC CARDIOMYOPATHY</b> <b>Moderators:</b> Nikolaos Bonaros, Jean-Olivier Defraigne, Rodolphe Durieux, Matthias Thielmann
11:00	Revascularization of patients with acute MI and chronic heart failure. Matthias Thielmann
11:07	The combined use of TTFM and HFUS imaging to optimize outcomes in CABG – a practical approach”. Matthias Thielmann
11:14	Arterial grafts for patients with low ejection fraction? Rodolphe Durieux
11:21	Moderate MI in CABG patients: a contemporary approach. Nikolaos Bonaros
11:28	Is DOR-plasty still there? Lorenzo A. Menicanti
11:35	Innovative techniques in CABG with low EF. Can Gollmann-Tepeköylü
11:42	Discussion

12:05	<b>KEYNOTE LECTURE</b>
12:05	Chronic thromboembolic pulmonary hypertension (CTEPH) and its surgical treatment. Tom Verbelen

## 12:30 LUNCH IN THE EXHIBITION HALL



# THURSDAY JUNE 23

## ROOM PIEDS LEGERS

**08:00      ARCH PATHOLOGIES**

**Moderators:** Karel Houdek, Vladislav Podpalov

**08:00**      **Type A intramural hematoma: a pathology of controversy**

08:00 A case of retrograde type A intramural hematoma. **Stefan Ducic**

08:10 Challenges in TAIMH management: current data. **Petroula Nana**

08:20 Discussion-Questions

**08:35      Endovascular repair of the arch**

08:35 Customized devices and solutions-the encouraging up today experience. **Gian Antonio Boschetti**

08:45 Novelties in the open approach of the arch. **Vladislav Podpalov**

08:55 Discussion-Questions

**09:10 Women in vascular surgery: EVST meeting ESCVS meeting**

09:10 Abdominal aortic aneurysm. Alexander Croo

09:20      Peripheral disease.

09:30	Discussion-Questions
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**09:45**      **END OF SESSION**

# THURSDAY JUNE 23

## ROOM POMMETTE

**15:30 ESCVS GENERAL ASSEMBLY**

## NOTES

MONDAY JUNE 20

ROOM ŒIL VERT

CHANGE OF ROOM PIEDS LEGRS

13:30 WELCOME ADDRESS

**Moderators:** Natzi Sakalihasan, Jean-Olivier Defraigne.  
Edouard Louis, Dean of the of Medecine, University of Liège.

14:00 NEW INSIGHTS IN THE ABDOMINAL AORTIC ANEURYSM PATHOLOGY AAA (I)

**Moderators:** Marc Bailey, Lars Mägdefessel

- 14:00 The role of smooth muscle cells in aortic aneurysms. Kakkhee Yeung
- 14:07 Role and therapeutic potential of non-coding RNAs in AAA . Lars Mägdefessel
- 14:14 Vascular smooth muscle cell de-differentiation and remodelling as a driving force behind AAA progression. Marc Bailey
- 14:21 Three commonly applied mouse models of AAA differ significantly in their susceptibility to inhibitors of inflammation and oxidative stress. Christine Brostjan
- 14:28 Parallel murine and human aortic wall genomics reveals metabolic reprogramming as key driver of abdominal aortic aneurysm progression. Gabor Gäbel
- 14:35 Discussion
- 14:49 Drug repurposing: Lenvatinib halts aortic aneurysm growth by restoring smooth muscle cell contractility. Albert Busch
- 14:56 What diabetes is teaching us about AAA disease. Ronald Dalman
- 15:03 AAA - does the arterial media and adventia have different roles? Joy Roy
- 15:10 The huges stovin syndrome: what's beyond pulmonary artery aneurysm. Andrea Ascoli Marchetti
- 15:17 Discussion

15:30 COFFEE BREAK IN THE EXHIBITION HALL

16:00 SEX & GENDER DIFFERENCES IN ANEURYSMAL DISEASE

**Moderator:**

- 16:00 Sex differences in abdominal aortic aneurysm. Georgios Makrygiannis
- 16:07 Why are men so susceptible for aneurysms? Rebecka Hultgren
- 16:14 The anatomical differences in the aorta in men and women & associated complications. Colin Bicknell
- 16:21 Discussion
- 16:45 Screening women for abdominal aortic aneurysm. Matthew Bown
- 16:52 Sex-specific morphological differences in the visceral arteries contribute to increased complication rates in women following AAA repair. Janet Powell
- 16:59 Gender differences in EVAR versus open repair for AAA in the elective and urgent setting. Athanasios Giannoukas
- 17:06 Discussion

17:30 KEYNOTE LECTURE : HOW OFTEN DO WE NEED NEW GUIDELINES? Janet Powell

TUESDAY JUNE 21

ROOM ŒIL VERT

CHANGE OF ROOM PIEDS LEGRS

09:00 DIAGNOSTIC CHALLENGES IN AORTIC DISSECTION

**Moderators:** Igor Koncar, Christoph Nienaber

- 09:00 The search for new imaging risk markers for acute type A aortic dissection: ascending aortic geometry. Alessandro Della Corte
- 09:07 Location and volume of false lumen thrombosis as a prognostic marker in type B aortic dissection. Paul Norman
- 09:14 A systematic histopathologic evaluation of type-a aortic dissections. Nimrat Grewal
- 09:21 Integration of clinical predictors into a diagnostic pathway model. Ibrahim Akin
- 09:28 Discussion
- 09:35 Role of point-of-care imaging and outcomes of patients with acute aortic syndrome. Hatem Soliman Aboumarie
- 09:52 What make the involvement of the arch unique in aortic dissection? Martin Czerny
- 09:59 The changing landscape in the care of aortic dissection – where are we now? Christoph Nienaber
- 10:06 Discussion

10:30 COFFEE BREAK IN THE EXHIBITION HALL

11:00 IMAD-ESCVS JOINED SESSION  
12:30 VASCULAR SYMPOSIUM 1 I AUDITORIUM - p.10

11:00 IMAD-ESCVS JOINED SESSION  
12:30 CARDIAC SYMPOSIUM 1 I ROOM PIEDS LEGRS - p.11

11:00 NEW INSIGHTS IN THE ABDOMINAL AORTIC ANEURYSM PATHOLOGY AAA (II)

**Moderators:** Ronald Dalman, Jan Lindeman

- 11:00 Effect of telmisartan on AAA rupture risk assessed through peak wall stress in a randomised trial. Jonathan Gollledge
- 11:07 Multi-modal assessment for the prediction of abdominal aortic aneurysm growth. Regent Lee
- 11:14 AAA and cancer: Impact of tumor and chemotherapy on AAA growth. Albert Busch
- 11:21 The use of AI to predict AAA growth. Kakkhee Yeung
- 11:28 Discussion
- 11:45 Novel aspects in the diagnosis of aortic pathology. Lurdes del Rio
- 11:52 Artificial Intelligence in AAA rupture risk assessment. Christian Gasser
- 11:59 Low wall shear stress is associated with expansion and future event of abdominal aortic aneurysm. Paul Norman
- 12:06 Role of mechanosensing signaling pathways during progression of aortic aneurysms. Koichi Yoshimura
- 12:13 Discussion

12:30 LUNCH IN THE EXHIBITION HALL

14:00 IMAD-ESCVS JOINED SESSION  
14:30 LERICHE LECTURE & LIFETIME ACHIEVEMENT AWARD I AUDITORIUM - p.10

14:30 IMAD-ESCVS JOINED SESSION  
16:00 INTERDISCIPLINARY SESSION 1 I AUDITORIUM - p.10

TUESDAY JUNE 21

ROOM ŒIL VERT

CHANGE OF ROOM PIEDS LEGRS

- 14:30
- SCREENING OF AAA
- Moderators: Jes Lindholt, Kakkhee Yeung
- 14:30
- Time to move on, we should starting to treat the AAA patient rather than the aneurysm. Jan Lindeman
- 14:37
- Progression, survival and repair of AAA: results from three randomised controlled screening trials over three decades. Jes Lindholt
- 14:44
- Prevalence of the abdominal aortic aneurysms in Korea. Hyangkyoung Kim
- 14:51
- A purpose-built programme to optimise the cardiovascular health of individuals with aneurysms in screening and surveillance programmes. Athanasios Saratzis
- 14:58
- Discussion
- 15:15
- Epidemiology dictates the genetics of abdominal aortic aneurysm. Janet Powell
- 15:22
- The results of the International AAA GWAS meta-analysis. Scott Damrauer
- 15:29
- Risk factors for abdominal aortic aneurysm in the korean population. Jin Hyun Joh
- 15:36
- Athero-occlusive disease and AAA progression- what is the relationship? Jonathan Golledge
- 15:43
- Discussion

16:00 COFFEE BREAK IN THE EXHIBITION HALL

- 16.30
- AORTIC ENDOGRAFT FAILURE MODES: STRATEGIES FOR PREVENTION AND SALVAGE
- Moderators: Hans-Henning Eckstein, Luis Leon
- 16:30
- The problem. Nicos Labropoulos
- 16:37
- Role of endoanchors in prevention or salvage of endograft failures. Apostolos Tassiopoulos
- 16:44
- F/BEVAR for salvage of previous endovascular aortic repair. Thanos Katsargyris
- 16:51
- F/BEVAR planning and execution for preventing future failures. Thanos Katsargyris
- 16:58
- Preclinical and clinical experiences on Thoracoflo, a new hybrid device manufactured by Terumo Aortic. Sebastian Debus
- 17:05
- Hybrid approach to prevent type I endoleaks. Luis R. Leon
- 17:12
- Discussion
- 17:26
- Chimney EVAR failures and how to prevent them. Konstantinos Donas
- 17:33
- EndoVascular Aortic Repair (EVAR) with Sac Embolization for the Prevention of Type II Endoleaks (EVAR-SE Trial) – rationale and design of a new RCT. Hans-Henning Eckstein
- 17:40
- Incidence and clinical significance of renal infarct after fenestrated endovascular aortic aneurysm repair. Srinivasa Rao Vallabhaneni
- 17:47
- A novel hybrid drug delivery system for treatment of aortic aneurysm. Koichi Yoshimura
- 17:54
- The proximal aortic neck as a predictor of long-term outcome after open and endovascular aneurysm repair. Jan Blankensteijn
- 18:01
- Discussion

WEDNESDAY JUNE 22

ROOM PIEDS LEGRS

CHANGE OF ROOM ŒIL VERT

- 09:00
- THE GENETICS IN THE AORTOPATHY CLINIC – AN UPDATE
- Moderators: Julie De Backer, John Elefteriades, Bart Loeys, Ingrid van de Laar
- 09:00
- Can genes help in risk prediction? Dianna Milewicz
- 09:07
- Can gene variants help in risk prediction? Guillaume Jondeau
- 09:14
- Can genetic modifiers help in risk prediction ? Bart Loeys
- 09:21
- Variant curation: tips and tricks. Laura Muiño Mosquera
- 09:28
- Discussion
- 09:45
- Functional testing modalities: of mice, fish and dish. Patrick Sips
- 09:52
- Interpretation and clinical implications of population based testing: the genomic first approach. Julie De Backer
- 09:59
- Zebrafish modeling of variants of uncertain significance: preliminary results. Bulat A. Ziganshin, Andrew Prendergast
- 10:06
- Discussion

10:30 COFFEE BREAK IN THE EXHIBITION HALL

11:00 IMAD-ESCVS JOINED SESSION

12:30 INTERDISCIPLINARY SESSION 2 | AUDITORIUM – p.14

12:30 LUNCH IN THE EXHIBITION HALL

13:30 IMAD-ESCVS JOINED SESSION

14:00 KIEFFER LECTURE | AUDITORIUM – p.14

- 14:00
- MEDICAL TREATMENT IN MARFAN SYNDROME AND RELATED HTAD - AN UPDATE
- Moderators: Julie De Backer, Guillaume Jondeau
- 14:00
- Threats and opportunities with the use of animal models for Marfan syndrome - lessons learned and preliminary results. Julie De Backer
- 14:07
- Beta-blockers and ARBs: friends or competitors?
- 14:14
- The NO pathway in Marfan disease: the way to go? Patrick Sips
- 14:21
- Tailored drug treatment: myth or reality. Dianna Milewicz
- 14:28
- Discussion
- 14:50
- MEDICAL TREATMENT OF AAA
- Moderators: Ronald Dalman, Jonathan Golledge
- 14:50
- Current status and perspectives on pharmacologic therapy for abdominal aortic aneurysm. Koichi Yoshimura
- 14:57
- Stem cell therapies for aorta. Tulga Ulus
- 15:04
- Unrealised potential of intensive low density lipoprotein- cholesterol reduction in patients with small AAA. Jonathan Golledge
- 15:11
- Discussion

15:30 BREAK AND EXHIBITS

16:00 IMAD-ESCVS JOINED SESSION

17:30 INTERDISCIPLINARY SESSION 3 | AUDITORIUM – p.15

19:30 OFFICIAL DINNER



INDUSTRY SYMPOSIA  
ROOM PIEDS LEGRS

INDUSTRY WORKSHOPS  
ROOM VIVE



TUESDAY JUNE 21

	<div>Medtronic</div> <div>Defining EVAR Therapy Success: Is Sac Regression the New Paradigm? Tailoring complex endovascular repair with off-the-shelf solutions</div> <div>Moderaterator: Lee Bouwman</div> <div>12:30 Welcome and introduction. Lee Bouwman</div> <div>12:33 Significance of sac regression and drivers of EVAR outcomes – ENGAGE 8 year data. Lee Bouwman</div> <div>12:50 Addressing the unmet needs of challenging neck anatomy patients – 3 year data ESAR Wide necks Colin Bicknell</div> <div>13:10 On-label ChEVAR: Why optimal device combination and standardized procedure yields durable results. Konstantinos Donas</div>
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WEDNESDAY JUNE 22

	<div>CytoSorbents</div> <div>WORKING TO SAVE LIVES</div> <div>PATIENT TAILORED APPROACH WITH CYTOSORB IN CARDIAC SURGERY</div> <div>Moderator: Matthias Thielmann, Essen, Germany, Thierry Folliguet</div> <div>Overview about Intraoperative use of hemoadsorption in endocarditis patients. Jurij Kalisnik, Nuernberg, Germany</div> <div>Postoperative hemoadsorption in high-risk cardiac surgery patients – in whom, when and how should we do it? Zaki Haidari, Essen, Germany</div> <div>Bleeding complications in patients loaded with ticagrelor or DOACS – what can we do? Nandor Marczin, Harefield, UK</div>
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TUESDAY JUNE 21

	<div>AMTmedical</div> <div>bypassing open heart surgery</div> <div></div> <div> LifeTec Group™</div>
13:30 17:00	<div>ELANA Heart Skills Lab: Sutureless Anastomosis.</div> <div>Experience the ELANA Heart procedure together with experts from AMT Medical in action on a real pig heart model from LifeTec Group.</div>

WEDNESDAY JUNE 22 & THURSDAY JUNE 23

	<div>Medtronic</div> <div>ENDOVENOUS WORKSHOP</div> <div>JUNE 22 13:00 -14:00   JUNE 23 09:30 -10:30</div> <div>Venaseal Closure System : How to get it right first time</div> <div>Moderators: Janine Quaniers, Carla Poltosi</div> <div>• Welcome and introduction</div> <div>• Preparation, safe use and procedure steps</div> <div>• Clinical data and evidence</div> <div>• Choosing the right patient and follow-up strategies</div> <div>PERIPHERAL WORKSHOP</div> <div>JUNE 22 13:00 -14:00   JUNE 23 09:30 -10:30 &amp; 13:00 - 14:00</div> <div>Ellipsys : a single-catheter system for AV-fistula creation</div> <div>Moderator: Esmee Kremers</div> <div>• Welcome and introduction</div> <div>• Patient screening &amp; procedure steps (hands-on)</div> <div>• Patient follow-up</div> <div>• Clinical data</div> <div>• Training &amp; support</div> <div>AORTIC WORKSHOP</div> <div>JUNE 22 13:00 -14:00   JUNE 23 09:30 -10:30 &amp; 13:00 - 14:00</div> <div>TEVAR with the Valiant Captivia Stent graft system - Simulation</div> <div>Moderators: Artem Vitkovskiy , Francoise De Lunardo</div> <div>• Welcome and introduction</div> <div>• Patient screening &amp; procedure steps (hands-on Simbionix – 3D systems simulator)</div> <div>• Specific tips &amp; tricks</div>
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# ELANA Heart Skills Lab: *Sutureless Anastomosis*

June 21<sup>st</sup>, Room Vive, 12:30 – 16:30



*Experience the ELANA Heart procedure together with experts from AMT Medical in action on a real pig heart model from LifeTec Group at ESCVS.*

AMTmedical 

 LifeTec Group™

Please visit us at booth 1 and 2 in the Exhibition Hall!



TRUSTED TECHNOLOGIES THAT  
**CHANGE LIVES**

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## CytoSorb® Therapy REGAIN CONTROL

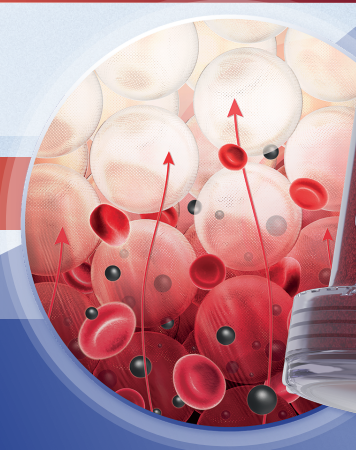
Advanced blood purification  
for acute high-risk cardiac patients

Removes excessive levels of cytokines, myoglobin and bilirubin  
which has been shown in studies to help with:

- Stabilization of macro- and micro-hemodynamics
- Reduction of vasopressor needs in vasoplegic shock
- Protection of organ function

Removes ticagrelor and rivaroxaban  
which has been shown in studies to help with:

- Decreased risk of bleeding
- Reduction of complications and costs



**Visit our Symposium!**

22.06.2022 | 12:30-13:30 CET | Room Pieds Legers  
Visit [cyto.news/ESCVS2022](https://cyto.news/ESCVS2022) for the full program



# GENERAL INFORMATION

**VENUE**  
Théâtre de Liège  
Place du Vingt Août 16, 4000 Liège, Belgique

**OFFICIAL LANGUAGE**  
English.

**EXHIBITION TIMES**  
Monday, June 20: 13:00-18:00  
Tuesday, June 21: 08:30 - 18:30  
Wednesday, June 22: 07:30 - 19:00  
Thursday, June 23: 07:30 - 15:30

**OFFICIAL DINNER**  
Seated dinner  
Wednesday, June 22  
19:30 - 00:00 at the restaurant Bovaria  
Parc de la Boverie 1, 4020 Liège, Belgique  
Registration mandatory

**IMAD JOGGING**  
Tuesday, June 21  
Meeting point 07:00am at the Grand Poste in Liège  
5km - 10km  
Registration contact: l.smits@chuliege.be

**WIFI**  
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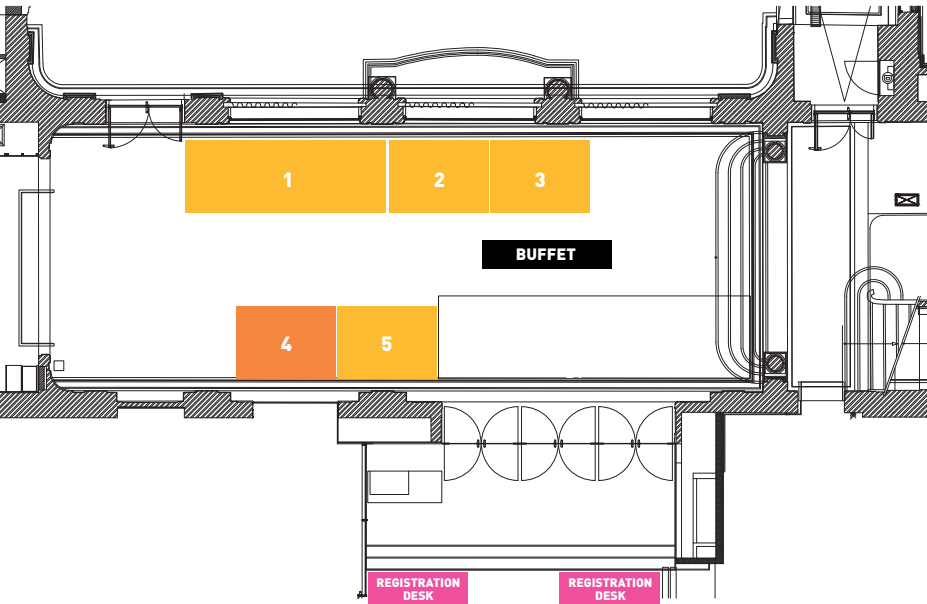


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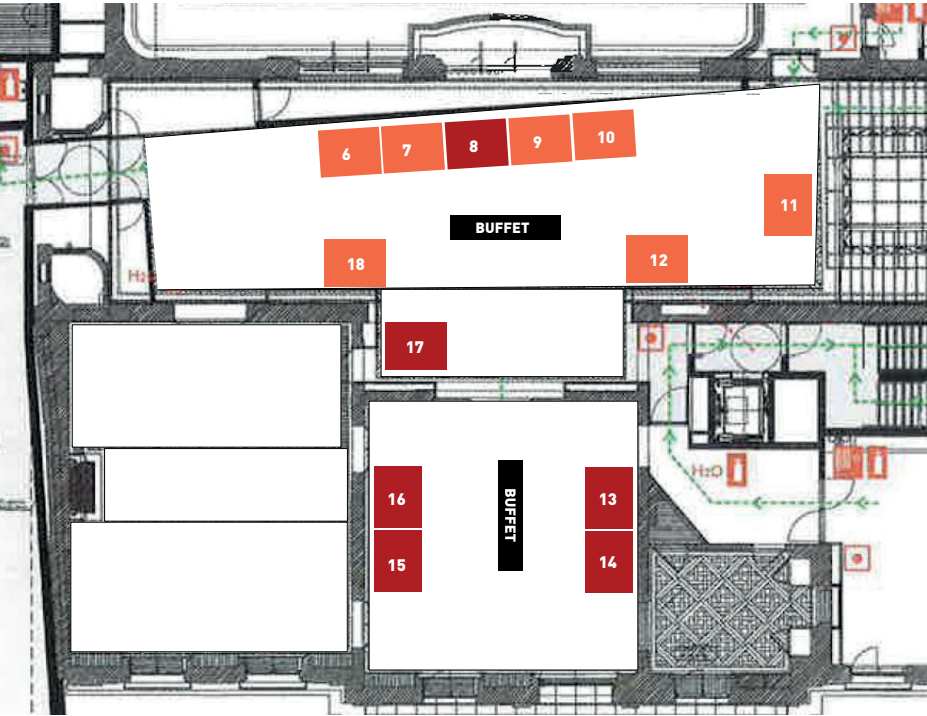


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# EXHIBITION HALL



1	AMT MEDICAL
2	ABBOTT
3	MEDTRONIC
4	BD
5	CYTOSORBENTS
6	LA ROCHE-POSAY
7	BOSTON SCIENTIFIC
8	MEDICOR
9	CORZA MEDICAL
10	TERUMO CARDIOVASCULAR
11	SIEMENS HEALTHINEERS
12	VIATRIS
13	THE SURGICAL COMPANY
14	MOLNLYCKE
15	MERIT MEDICAL
16	CRYOLIFE
17	EUROCETS
18	EDWARDS LIFESCIENCES





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