

# **EUROPEAN MECHANICAL CIRCULATORY SUPPORT SUMMIT** Multidisciplinary Approach

Multidisciplinary Approach Heart Failure - Device Therapies

IN COLLABORATION WITH THE JOURNAL

Artificial Organs

www.congresseums.com

Novotel Tour Eiffe

#### Dear Colleagues and Friends,

EUMS 2023 will take place in Paris from Sept  $3^{rd} - 6^{th}$ , 2023.

After a few years of date instability mainly due to the COVID crisis, the EUMS board decided to stabilize the agenda to the first week of September. Even if we understand that many of you will miss Paris at Christmas time, we are sure you will enjoy the French capital's softness and tranquillity at that time. Moreover, rugby fans will be at the right place to follow the rugby world cup, which will start on September 8<sup>th</sup> in Paris with the France-New Zeeland game.

Last year in Hanover, the EUMS group headed by Jan Schmitto experienced a very active conference, bringing together more than 600 caregivers, engineers and other specialists involved in the field of advanced heart failure and mechanical circulatory support.

The 2023 meeting will start on Sunday, Sept. 3<sup>rd</sup> in the afternoon with two major events: 4 EUMS Academy workshops in parallel with advanced courses addressing temporary support, LVAD complication management, R&D engineering and VAD coordinator work, followed by a 2 hours rapid-fire abstract session. Then we will have two and half days of different session formats: key leader presentations, meet the expert, round table discussions, innovation overview... Of course, a nice Parisian dinner will be proposed.

As usual, the main objective of the meeting is to facilitate experience exchange, knowledge sharing, networking, science, questioning, and collaborative work between cardiologists, intensivists, surgeons, electrophysiologists, VAD coordinators, nurses, engineers, and industry representatives. You will also have the opportunity to discuss with the most famous experts in the field.

As many of you already know, Paris EUMS gives high importance to temporary support and we will discuss and debate percutaneous LVAD, ECMO, temporary BIVAD... A special session will be dedicated to temporary respiratory support. Of course, advanced heart failure management with the most recent evolutions will be addressed and a full session will focus on the interface between electrophysiology, CRT, novel technologies and short- and long-term MCS trying to fill the therapeutic and communication gap between the two fields.

Over the last few years, the MCS field underwent a huge modification, particularly with a dramatic reduction of game players and a worldwide shrinking of implantation numbers despite the expected increase in the market. We will favour an interactive discussion between several important game players from caregivers to business specialists trying to understand the reasons for the recent slowing down and how to solve the ongoing lack of confidence in the therapy from many cardiologists and financial issues. Heterogeneity in the outcome, improved management and best practices standards will also be addressed at the upcoming EUMS conference in Paris.

Technical issues related to the growing field of GUCH will be discussed and we will have KOL debating interactive complex cases. Finally, we will look toward the future with innovation, update sessions, and EUMS task expansion.

Year after year, we worked all together to make EUMS the most active place to improve global knowledge in MCS. We look forward to welcoming you to EUMS 2023 and hope you will enjoy sharing with us this fascinating field in one of the most beautiful towns in the world.

Pascal Leprince

Aly El Banayosy

Daniel Zimpfer

Jan D. Schmitto

SCIENTIFIC COMMITTEE

N. AISSAOUI, Paris – FR A. El BANAYOSY, Oklahoma City – USA G. LAUFER, Vienna – AT P. LEPRINCE, Paris – FR A. RUHPARWAR, Hanover – DE J. D. SCHMITTO, Hanover – DE M. SLEPIAN, Tucson – US D. ZIMPFER, Graz – AT

### PRELIMINARY PROGRAMME AT A GLANCE

	SUNDAY 3 SEPTEMBER 2023									
AMPHITHEATRE EUMS Academy Workshop			Room INVALIDES         Room LOUVRE-PALAIS ROYAL           EUMS Academy Workshop         EUMS Academy Workshop		Room CONCORDE EUMS Academy Workshop					
14:00	15:00	R&D: from idea to conception. Engineering and financial issues	Temporary support perfectioning	VAD early and late complication: how to	VAD coordinator meeting EUMS / ICCAC session					
15:00	16:00	Challenging issues regarding training on acute and chronic heart failure across the world	course: Temporary LVAD, RVAD, BIVAD, ECMO, ECPELLA	manage?						
16:00	16:30		Со	Coffee break						
16:30	18.30	Rapid-Fire Abstracts Session								
18:45	8:45 20:30 Welcome cocktail reception Opening of the Industrial Exhibition									

MONDAY 4 SEPTEMBER 2023				τu	ESDAY	5 SEPTEMBER 2023		WEDNESDAY 6 SEPTEMBER 2023		Y 6 SEPTEMBER 2023
		Amphitheatre				Amphitheatre				Amphitheatre
09:00	09:10	Welcome address		08:30	08:30	Session 5 - Cardiogenic shock		08:00	08:45	Session 9 - Selected cases
09:10	11:00	Session 1 - Advanced heart failure management: edge of tomorrow		09:30	10:30	and short term support		08:45	10:05	Session 10 - Mechanical devices in lung report
11:00	11:30	Coffee Break		10:30	11:00	Coffee Break		10:05	10:30	Coffee Break
11:00	13:00	Session 2 - Meet the experts: interactive session		11:00	13:00	Session 6 - Deep inside durable MCS		10:30	11:50	Session 11 - Advanced heart failure therapies, alternative treatments?
13:00	14:00	Lunch Break		13:00	14:00	Lunch Break		11:50	12:15	EUMS-Closing ceremony
14:00	15:00	Session 3 - Electrophysiology, CRT and		14:00	15:00	Session 7 - Gaps and	1			
15:00	16:00	MCS: collaborative work?		15:00	16:00	opportunities: round table with clinicians and R&D and business people				
16:00	16:30	Coffee Break		16:00	16:30	Coffee Break				
16:30	18.00	Session 4 - Grown up congenital heart desease and MCS		16:30	18.30	Session 8 - Innovation				
18:00	19:00	Registries report								
20:00	00:00	Congress Dinner								
GE	GETINGE workshops led by the Pratico Santé team - Demo Box in the Exhibition Hall Monday & Tuesday 10:00-10:45 => VA ECMO trouble shooting									

10:00-10:45 => VA ECMO trouble shooting 11:30-12:15 => VV ECMO trouble shooting

14:00-14:45 => ECPR case scenario through serious game

### PRELIMINARY PROGRAMME

SUNDAY 3 SEPTEMBER 2023

### **EUMS ACADEMY WORKSHOPS**

In four rooms in parallel, EUMS academy workshops offer the following teaching sessions:

- VAD coordinator: EUMS/ICCAC session
- 4 interactive cases on temporary devices
- 4 interactive cases on VAD early and late complication
- R&D: from idea to conception
- Training issues for advanced heart failure and MCS

## 14:00 CESTTEMPORARY SUPPORT PERFECTIONING COURSE:16:00TEMPORARY LVAD, RVAD, BIVAD, ECMO, ECPELLA

4 cases, 30 minutes each, with interactive voting time and panel discussion

#### **Chairs:** A. EL BANAYOSY, Oklahoma City – US, A. COMBES, Paris – FR

How to minimize Leg ischemia in peripheral ECMO practically A long way to go... Percutaneous RVAD associated with HMIII Options for VA ECMO patients: durable MCS – Transplant and beyond S. HOSSEINI, Tehran – IR G. LEBRETON, Paris – FR F. KHALIEL, Riyad – SA TBA

**Room INVALIDES** 

#### 14:00 CEST 16:00

#### VAD EARLY AND LATE COMPLICATION: HOW TO MANAGE?

**Room LOUVRE-PALAIS ROYAL** 

4 presentations, 30 minutes each, with interactive voting time, and panel discussion

Chairs: J.D. SCHMITTO, Hanover – DE, U. JORDE, New York – US

Indication challenging case

Outflow graft thrombosis Tricuspid valve management Aortic valve regurgitation TBA M. MORSHUIS, Bad Oeynhausen – DE G. WIESELTHALER, San Francisco – US C. BERMUDEZ, Philadelphia – US I. NETUKA, Prague – CZ

14:00 CEST 15:00

R&D: FROM IDEA TO CONCEPTION, ENGINEERING AND FINANCIAL ISSUES AMPHITHEATRE

#### ROUND TABLE

Chairs: R. KORMOS, Austin – US, D. ZIMPFER, Graz – AT

**Panelists:** P. LEPRINCE, Paris – FR, S. PIAT, Vélizy-Villacoublay – FR, D. LOISANCE, Creteil – FR, S. SCHUELER, Newcastle – GB, J. LONG, Oklahoma – US, L. FRESIELLO, Enschede – NL

15:00 CEST 16:00 CHALLENGING ISSUES REGARDING TRAINING ON ACUTE AND CHRONIC HEART FAILURE ACROSS THE WORLD

AMPHITHEATRE

#### **ROUND TABLE**

Chairs: S. TSUI, Cambridge – GB, N. AISSAOUI, Paris – FR

**Panelists:** J. RIEBANDT, Vienna – AT, C. DELMAS, Toulouse – FR, G. DOGAN, Hanover – DE, N. URIEL, New York – US, E. RAME, Pennsylvania – US, G. SAIYDOUN, Paris – FR, P. LEPRINCE, Paris – FR

#### 14:00 CEST 16:00

#### VAD COORDINATOR MEETING EUMS /ICCAC session

#### **Room CONCORDE**

Chairs: A. WOODS, Newcastle upon Tyne – GB, K. HOMANN, Hanover – DE

#### You have the power!

Aim would be to look at how a VAD Coordinator impacts a VAD programme and how this can shape the world of MCS. Aim to promote VAD coordinator research. Look at how the coordinator role may change with the progression of short-term devices. Are we more advanced heart failure practitioners.

J. HAJJ, Charleston – US

• The new kids on the block: Use of ARBNI and SLGT2 inhibitors in MCS therapy.

A review of how ARBNU and SLGT2 inhibitors will impact the world of MCS and the evidence behind it.

E. RAME, Pennsylvania – US

• **Mum, Dad; Are we there yet? Single centre experience of paediatric LVAD implants** Freeman paediatrics experience of durable MCS therapy and the challenges this brings.

C. McGRAITH, Newcastle upon Tyne – GB

Me, myself and VAD: Patients are the untapped knowledge source

Let's use the knowledge of carers and patients to help shape best practices in our field.

S. KORE, Manchester – GB

Short or long run: The use of short-term MCS versus durable MCS. Are times changing?

A pro and con debate one person promoting the use of short-term devices the other promoting durable devices. K. VANDERSMISSEN, Leuven – BE / F. MÜLLER, Sankt Ingbert – DE

- You look different to me: The role of the VAD coordinator from a surgeon's perspective
   We often hear VAD coordinators talking about their role but, how is the role of the VAD coordinator viewed from those we work alongside.
   J. HANKE, Hanover– DE
- Discussion and Q&A with speakers

16:00 – 16:30 COFFEE BREAK

#### SUNDAY 3 SEPTEMBER 2023

16:30 CEST 18:30	RAPID-FIRE ABSTRACTS SESSION	AMPHITHEATRE
	Chairs: D. ZIMPFER, Graz – AT, J.D. SCHMITTO, Hanover – DE, S. TSUI, Cambrid	dge – GB
	Comparative impact of Impella, central VA ECMO and ECPELLA on myocardial oxygen consumption	K. YASTREBOV, Sydney – AU
	Multicenter development and validation of a machine learning model to pred	ict
	myocardial recovery during LVAD support: the UCAR Score	S. DRAKOS, Salt Lake City – US
	Left ventricle assist device positioning: a comprehensive evaluation	I. HARTYÁNSZKY, Budapest – HU
	Outcomes and complications after LVAD implantation	G. WASILEWSKI, Krakow – PL
	VA-ECMO for hemodynamic support in massive and sub-massive pulmonary embolism – the path forward	P. BARRETT, Atlanta – US
	Prolonged oxygenator usage for VV ECMO FOR COVID ARDS: a clinical experie	nce M. OZGUR, Istanbul – TR
	Conundrum after peripheral VA-ECMO and pulmonary embolectomy: a "switch" in time saves nine	S. AZIZ, Washington – US
	Heart support pump – RAP-P, Rotary Assisted Pulsatile – Pump	FH. HORN, Tating – DE
	Long-term outcomes following explantation of durable left ventricular assist device	A.M. JAKSTAITE, Hanover – DE
	Change in wound care management reduces cannula site infection rate in patients with paracorporeal VAD	E. WOODS, London – UK
	Phosphodiesterase type 5 inhibitor use is associated with reduced all-cause m and ischemic stroke at 24 months postimplant in contemporary centrifugal flo ventricular assist devices	-
	Realheart TAH –a preclinical update of the world's first 4-chamber artificial he	eart I.L. PERKINS, Västeras – SE

WELCOME COCKTAIL IN THE EXHIBITION AREA

18:45 CEST

20:30

09:00 CEST 09:10

14:45

Pre-registration required

#### WELCOME ADDRESS

11:00	SESSION 1 – ADVANCED HEART FAILURE MANAGEMENT: EDG	
	Chairs: P. LEPRINCE, Paris – FR, G. LAUFER, Vienna – AT, A. RUHPARV	VAR, Hanover – DE
	<ul> <li>Best Abstract: Multicenter development and validation of a mach risk model to predict right ventricular failure following mechanica support: the STOP-RVF score</li> <li><u>Debate:</u> New drugs improve short-term outcomes but delay patie advanced heart failure treatment (MCS, transplantation).</li> </ul>	ll circulatory S. DRAKOS, Salt Lake City – US
	- Agree - Disagree	R. KORMOS, Austin – US J. BAUERSACHS, Hanover – DE
	<ul> <li>Heart failure cardiogenic shock</li> <li>Early recognition of changes in PAP by CardioMEMS helps in early</li> </ul>	D. BARAN, Florida – US
	<ul> <li>of patients that need LVAD therapy and post-implant follow-up</li> <li>Levosimendan as a bridge to surgery in severe chronic heart failur</li> <li>Panel discussion with all the speakers</li> </ul>	A. ALSHEHRI, Riyad – SA
10:00 CEST 10:45	<b>GETINGE workshop – VA ECMO trouble shooting</b> Pre-registration required	<b>DEMO BOX</b> <i>Exhibition Hall</i>
	11:00 – 11:30 COFFEE BREAK & EXHIBITION	VISIT
11:30 CEST 12:15	<b>GETINGE workshop – VV ECMO trouble shooting</b> Pre-registration required	<b>DEMO BOX</b> <i>Exhibition Hall</i>
11:30 CEST 13:00	SESSION 2 – MEET THE EXPERTS	AMPHITHEATRE
	Chairs: J.D. SCHMITTO, Hanover – DE, A. COMBES, Paris – FR	
	Interactive session, with panelists: E. RAME, Pennsylvania – US, A. EL BANAYOSY, Oklahoma City – US, G A. WOODS, Newcastle – GB, J. RIEBANDT, Vienna – AT, M. MORSHUI	
	<ul> <li>with interactive voting time</li> <li>Escalating and de-escalating</li> <li>MCS post transplant</li> <li>LVAD and small ventricle</li> </ul>	A. EL BANAYOSY, Oklahoma City – US G. LEBRETON, Paris – FR M. MORSHUIS, Bad Oeynhausen – DE

Exhibition	Hall

#### 14:00 CEST 16:00

#### SESSION 3 - ELECTROPHYSIOLOGY, CRT AND MCS: COLLABORATIVE WORK? AMPHITHFATRF

Chairs: J. BAUERSACHS, Hanover – DE, U. JORDE, New York – US

Debate: All CRT non-responders should be addressed for LVAD evaluation

- Pro
- Con

**CONGRESS DINNER** 

- Temporary support and malignant arrhythmias
- Ventricular rhythm disturbance issues in MCS patients
- How to manage AF in heart failure and LVAD patients
- Panel discussion with all the speakers

16:00 – 16:30 COFFEE BREAK & EXHIBITION VISIT

16:30 CEST 18:00	SESSION 4 – PEDIATRIC AND GROWN-UP CONGENITAL H	EART DISEASE AND MCS AMPHITHEATR	Ε			
	Chairs: D. ZIMPFER, Graz – AT, G. WIESELTHALER, San Francisco – US, E. GOLUKHOVA, Moscow - RU					
	<ul> <li>Best Abstract: Outcome after ECMO therapy in Norwood pa bidirectional Glenn operation</li> </ul>	atients before the F. SEEBER, Linz – AT				
	<ul> <li>The use of magnetically levitated continuous flow LVAD in p "Russian experience"</li> <li>HMIII in smaller patients</li> <li>MCS in GUCH patients: technical issues</li> <li>TAH in GUCH patients</li> <li>Panel discussion with all the speakers</li> </ul>	baediatrics: K. SHATALOV, Moscow – RU U. KERVAN, Ankara – TR D. ZIMPFER, Graz – AT F. ARABIA, Phoenix – US				
18:00 CEST 19:00	REGISTRIES REPORT	AMPHITHEATR	٤			
	Chairs: B. MEYNS, Leuven – BE, J. HANKE, Hanover – DE, G. LEE	RETON, Paris – FR				
	<ul> <li>Euromacs</li> <li>Francemacs</li> <li>Imacs</li> <li>Elongate registry</li> </ul>	P. MOHASCI, Zürich – Cł M. KINDO, Strasbourg – Ff E. RAME, Pennsylvania – U N. AISSAOUI, Paris – F	R S			
20:00 CEST	CONGRESS DINNER					

N. URIEL, New York – US E. SIMSEK, Izmir – TR M. PINETON DE CHAMBRUN, Paris - FR U. JORDE, New York – US

M. LA MEIR, Brussel – BE

### **TUESDAY 5 SEPTEMBER 2023**

08:30 CEST

SESSION 5 – CARDIOGENIC SHOCK AND SHORT TERM SUPPORT	AMPHITHEATRE
<b>Chairs:</b> N. AISSAOUI, Paris – FR, A. EL BANAYOSY, Oklahoma City – US, D. BARA	AN, Florida – US
<ul> <li>VA ECMO and Impella trials in CS: update</li> </ul>	A. COMBES, Paris – FR
Mid-term survival after VA ECMO weaning: unjustified high rate of death?	P. LEPRINCE, Paris – FR
<ul> <li>Left ventricle reverse remodeling with Impella 5.5: an animal study</li> <li>Panel discussion with all the speakers</li> </ul>	B. MEYNS, Leuven – BE
<ul> <li><u>Debate</u>: What is the best option for stable patients on VA ECMO with poor</li> </ul>	potential for recovery?
- Cardiac transplantation	E. EPAILLY, Strasbourg – FR
- Long-term MCS (LVAD, BIVAD, TAH)	A. RUHPARWAR, Hanover – DE
<u>Debate:</u> From ECMO to LVAD	
- Direct LVAD implantation is the best option	D. SAEED, Krefeld – DE
<ul> <li>Intermediary support with Impella is the best option</li> </ul>	Y. BARAC, Tel Aviv – IL
<b>GETINGE workshop – VA ECMO trouble shooting</b> Pre-registration required	<b>DEMO BOX</b> Exhibition Hall
10:30 – 11:00 COFFEE BREAK & EXHIBITION VISIT	
SESSION 6 – DEEP INSIDE DURABLE MCS	AMPHITHEATRE
<b>Chairs:</b> J.D. SCHMITTO, Hanover – DE, J. LONG, Oklahoma – US, S. SCHUELER, N	Newcastle – GB
<ul> <li>Best Abstract: Pump-LV interaction during long-term support with</li> </ul>	
the HeartMate 3 LVAD	F. CONSOLO, Milano – IT
<ul> <li>Keynote lecture. Al-driven revolution:</li> </ul>	
impact on Mechanical Circulatory Support world	A. KILIC, South Carolina – US
<ul> <li>ISHLT guidelines 2023: what's new</li> </ul>	D. SAEED, Krefeld – DE
From momentum 3 trial: centre-based criteria for improving outcome?	N. URIEL, New York – US
<ul> <li>Myocardial recovery: what have we learned and future directions</li> </ul>	S. DRAKOS, Salt Lake City – US
<ul> <li>Medicolegal issues</li> </ul>	M. SLEPIAN, Tucson – US
<ul> <li>Panel discussion with all the speakers</li> </ul>	
<ul> <li>ROUND TABLE Chairs: J. LONG, Oklahoma – US, R. AKCHURIN, Moscow - RU</li> </ul>	
What future for durable LAVD and how to energize the field?	
Technical, market, cardiologist, surgeon, and financial issues: difference am <b>Panel discussion</b> with all the speakers	nong continents
	<ul> <li>Chairs: N. AISSAOUI, Paris – FR, A. EL BANAYOSY, Oklahoma City – US, D. BARA</li> <li>VA ECMO and Impella trials in CS: update</li> <li>Mid-term survival after VA ECMO weaning: unjustified high rate of death?</li> <li>Left ventricle reverse remodeling with Impella 5.5: an animal study</li> <li>Panel discussion with all the speakers</li> <li>Debate: What is the best option for stable patients on VA ECMO with poor         <ul> <li>Cardiac transplantation</li> <li>Long-term MCS (LVAD, BIVAD, TAH)</li> </ul> </li> <li>Debate: From ECMO to LVAD         <ul> <li>Direct LVAD implantation is the best option</li> <li>Intermediary support with Impella is the best option</li> </ul> </li> <li>Intermediary support with Impella is the best option</li> <li>Intermediary support with Impella is the best option</li> <li>SESSION 6 – DEEP INSIDE DURABLE MCS</li> </ul> <li>Chairs: J.D. SCHMITTO, Hanover – DE, J. LONG, Oklahoma – US, S. SCHUELER, M         <ul> <li>Best Abstract: Pump-LV interaction during long-term support with the HeartMate 3 LVAD</li> <li>Keynote lecture. Al-driven revolution:</li></ul></li>

### **TUESDAY 5 SEPTEMBER 2023**

14:00 CEST 14:45	<b>GETINGE workshop – EPCR case scenario through serious game</b> Pre-registration required	<b>DEMO BOX</b> <i>Exhibition Hall</i>
14:00 CEST 16:00	SESSION 7 – GAPS AND OPPORTUNITIES	AMPHITHEATRE
	Chairs: D. ZIMPFER, Graz – AT, M. SLEPIAN, Tucson – US, B. MEYNS, Leu	ven – BE
	<ul> <li>Best Abstract: Outcome of CentriMag<sup>™</sup> extracorporeal mechanical c cardiogenic shock (INTERMACS 1) patients: Manchester experience</li> </ul>	irculatory support use in critical M. JAIN, Manchester – UK
	<ul> <li>Unleash the potential: Novel HeartMate 3 pump monitoring for</li> </ul>	
	improved patient care	T. SCHÖGLHOFER, Vienna – AT
	<ul> <li>In silico and in vitro simulation to support monitoring and</li> </ul>	
	controls development for MCSs	L. FRESIELLO, Enschede – NL
	<ul> <li>ROUND TABLE – with clinicians, R&amp;D and business people</li> <li>With: chairs, the two previous speakers, and the two speakers below</li> </ul>	۷.
	Leader: M. SLEPIAN, Tucson US	
	<ul> <li>Why LVAD still looks like LVAD and what will lead to change?</li> <li>S. SCH</li> </ul>	IUELER, Newcastle upon Tyne – GB
	How far miniaturization of VADs is possible?	T. SNYDER, Clichy – FR
	Could a TAH definitely challenge current LVAD?	J. LONG, Oklaoma – US
	Panel discussion with all the speakers	
	16:00 – 16:30 COFFEE BREAK & EXHIBITION VIS	IT

16:30 CEST 18:30	SESSION 8 – INNOVATION	AMPHITHEATRE					
	Chairs: M. STRUEBER, Memphis – US, A. WEYMANN, Hanover – DE, P. LEPRINCE, Paris - FR						
	<ul> <li>Best Abstract: Advantages of 3D modeling in left ventricular assist device imp for complex anatomical cases</li> </ul>	blantation IR. BARABÁS, Budapest– HU					
	Speed up your patient's blood management with autologous platelets:						
	same™ by i-SEP the new IOCS game changer	A. MANSOUR, Rennes - FR					
	<ul> <li>Cleveland Clinic continuous-flow TAH</li> </ul>	J. H. KARIMOV, Cleveland – US					
	<ul> <li>The Broader Scope of Innovation</li> <li>The AdjuCor reBEAT-Device: Translational steps of a non-blood-contacting M</li> </ul>	R. MOCK, ABBOTT, Plano - US ICS					
	towards the first-in-Human experience	B. SCHMACK, Hanover – DE					
	<ul> <li>Berlin Heals C-MIC Cardiac Microcurrent Therapy for Chronic Heart Failure –status update</li> </ul>	P. GÖTTEL, Berlin – DE					
	A Physiologic Heart Replacement Therapy for advanced heart failure patients	s P. JANSEN, CARMAT, Vélizy - FR					
	CorWave: A synchronized pulsatile LVAD with autonomous control features -	_					
	A progress update	T. SNYDER, Clichy - FR					
	<ul> <li>FineHeart FlowMaker: a small, fully implantable, intra-cardiac pump,</li> </ul>						
	demonstrates the ability to induce durable recovery in HF	L. BARANDON, Bordeaux - FR					
	<ul> <li>Corheart 6: small and innovative VAD technology for the future of HF therapy</li> </ul>	J.D. SCHMITTO, Hanover – DE					

#### 08:00 CEST SESSION 9 – SELECTED CASES 08:45 AMPHITHEATRE Chair: G. LEBRETON. Paris – FR. M. STRUEBER. Memphis – US Decision tree in biventricular failure: escalation and de-escalation G. DOGAN, Hanover – DE Mechanical circulatory support with Impella in septic shock Z. HAIDARI, Essen – DE LVAD in ischemic cardiomyopathy: an unexpected recovery G. KHUBULAVA, Saint-Petersburg - RU 08:45 CEST SESSION 10 - MECHANICAL DEVICES IN LUNG SUPPORT **AMPHITHEATRE** 10:05 Chairs: Y. BARAC, Tel Aviv - IL, E. EPAILLY, Strasbourg - FR Artificial lung: animal studies M. ANRAKU, Tokyo – JP MCS and pulmonary embolism O. SANCHEZ, Paris - FR MCS and pulmonary hypertension O. MERCIER, Le Plessis-Robinson - FR MCS and lung transplantation

Panel discussion with all the speakers

10:05 - 10:30 COFFEE BREAK & EXHIBITION VISIT

#### 10:30 CEST 11:50

#### SESSION 11 – ADVANCED HEART FAILURE THERAPIES: ALTERNATIVE TREATMENTS? AMPHITHEATRE

Chairs: D. ZIMPFER, Graz – AT, J.D. SCHMITTO, Hanover – DE, A. EL BANAYOSY, Oklahoma City – US, P. LEPRINCE, Paris – FR

Heart failure in Women	M. AL QASEER, Dammam – SA
Stem cell therapy: any hope in advanced heart failure management?	P. MENASCHÉ, Paris – FR

- Stem cell therapy: any hope in advanced heart failure management?
- Continuum from structural therapies to LVAD D. HORSTMANSHOF, Oklahoma – US
- Xenotransplantation: how the first in-man implantation will impact the field? M. MOHIUDDIN, Baltimore - US

11:50 CEST **CLOSING SESSION** 12:15

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M. STRUEBER, Memphis – US

#### **GENERAL INFORMATION**

#### SUMMIT VENUE

NOVOTEL PARIS CENTRE TOUR EIFFEL 61 Quai de Grenelle, 75015, Paris, France Tel.: +33 1 40 58 20 00

#### LOGISTICAL ORGANISATION AND REGISTRATION

OVERCOME: 13-15, rue des Sablons – 75116 PARIS, France Tel.: +33 1 40 88 97 97 – Fax: +33 1 43 59 76 07 – E-mail: eums@overcome.fr

#### REGISTRATION

	Early registration until 3 August 2023	Late registration from 4 August 2023 and on-site	
Physician / Engineer	€ 550	€ 650	
Nurse / Perfusionist / Resident	€ 250		
Student	.25		
Congress Dinner	€ 100		

The registration fee includes:

Access to the scientific sessions and the exhibition, daily breaks, and Congress documents.

Cancellation Policy:

To request a refund, participants must return their registration receipt with a written request to Overcome, before 1st August 2023.

There will be a cancellation fee of  $\in$  60 (incl. VAT). No refund will be possible after this date.

The closing date for individual registration is 25 August 2023. After this date, registration will be only accepted on-site.

#### ACCOMMODATION

A limited number of rooms at preferential rates have been booked for the EUMS delegates.

For individual reservations, you can book directly online through your registration profile.

For a company or third-party reservation, please send your request to the Overcome Housing Department at:

Tel. : +33(0)1 40 88 97 97 or e-mail: eumshousing@overcome.fr

#### **EXHIBITION**

A large exhibition will take place in the heart of the event, hosting industry partners.

#### TRANSPORTATION

Event: 17th European Mechanical Circulatory Support Summit Event ID: **40044AF**, valid from 27 August 2023 to 13 September 2023

Attractive discounts, up to -15%, on a wide range of public fares on all AIR FRANCE, KLM and their code-shared flights worldwide,

on the regular full fare in economy class for a round-trip journey (subject to conditions).

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