



EUMS

MCS - CRM

Paris - Vienna - Hannover

17th

**EUROPEAN MECHANICAL
CIRCULATORY SUPPORT SUMMIT**

Multidisciplinary Approach
Heart Failure - Device Therapies

SAVE THE DATE

SEPT. 03-06

2023



Novotel Tour Eiffel

PARIS

IN COLLABORATION WITH THE JOURNAL

Artificial Organs



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Dear Colleagues and Friends,

EUMS 2023 will take place in Paris from Sept 3rd – 6th, 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 8th in Paris with the France-New Zealand 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. 3rd 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 but also how to solve the ongoing lack of confidence in the therapy from many cardiologists as well as 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 also with EUMS task expansion.

Year after year, we worked all together to make EUMS the most active place to improve global knowledge in MCS. We are looking forward to welcoming you to EUMS 2023 and we 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

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PRELIMINARY PROGRAMME AT A GLANCE

SUNDAY 3 SEPTEMBER 2023						
		Amphitheatre	Room 1 EUMS academy Workshop	Room 2 EUMS academy Workshop	Room 3 EUMS academy Workshop	Room 4 EUMS academy Workshop
14:00	15:00		Temporary support perfectioning course: Temporary LVAD, RVAD, BIVAD, ECMO, ECPELLA	VAD early and late complication: how to manage?	R&D: from idea to conception. Engineering and financial issues	VAD coordinator meeting
15:00	16:00				Training issues	
16:00	16:30		Coffee break			
16:30	18:00		Rapid-Fire Abstract-Session			
18:00	20:00	Welcome cocktail reception Opening of the Industrial Exhibition				

MONDAY 4 SEPTEMBER 2023			TUESDAY 5 SEPTEMBER 2023			WEDNESDAY 6 SEPTEMBER 2023					
		Amphitheatre			Amphitheatre			Amphitheatre			
09:00	09:10	Welcome address	08:30	08:30	Session 5 - Cardiogenic shock and short term support	08:00	09:00	Session 9 - Selected cases			
09:10	10h45	Session 1 - Advanced heart failure management: edge of tomorrow	09:30	10:30		09:00	10:00	Session 10 - Advanced heart failure therapies, alternative treatments?			
10:45	11:30	Coffee Break	10:30	11:00	Coffee Break	10:00	10:30	Coffee Break			
11:30	13:00	Session 2 - Meet the experts: interactive session	11:00	13:00	Session 6 - Deep inside durable MCS	10:30	11:30	Session 11 - Mechanical devices in lung report			
13:00	14:00	Lunch Break	13:00	14:00		11:30	12:00	EUMS-Closing ceremony			
14:00	15:00	Session 3 - Electrophysiology, CRT and MCS: collaborative work?	14:00	15:00	Session 7 - Gaps and opportunities: round table with clinicians and R&D and business people						
15:00	16:00		15:00	16:00							
16:00	16:30	Coffee Break	16:00	16:30	Coffee Break						
16:30	18.00	Session 4 - Grown up congenital heart disease and MCS	16:30	18.30	Session 8 - Innovation						
18:00	19:00	Registries report									
20:00	00:00	Congress Dinner									

PRELIMINARY PROGRAMME

SUNDAY 3 SEPTEMBER 2023

EUMS ACADEMY WORKSHOPS

In four rooms in parallel, EUMS academy workshops offer 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 CEST
16:00

TEMPORARY SUPPORT PERFECTIONING COURSE: TEMPORARY LVAD, RVAD, BIVAD, ECMO, ECPPELLA

ROOM 1

4 cases. 30 minutes each.

How to minimize Leg ischemia in peripheral ECMO practically

A long way to go...

Percutaneous RVAD associated with HMIII

S. HOSSEINI, Tehran – IR

G. LEBRETON, Paris – FR

F. KHALIEL, Riyad – SA

14:00 CEST
16:00

VAD EARLY AND LATE COMPLICATION: HOW TO MANAGE?

ROOM 2

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

Indication challenging case

Outflow graft thrombosis

Tricuspid valve management

Aortic valve A regurgitation

M. MORSHUIS, Bad Oeynhausen - DE

G. WIESELTHALER, San Francisco - US

C. BERMUDEZ, Philadelphia – US

14:00 CEST
15:00

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

ROOM 3

ROUND TABLE

Speakers: D. ZIMPFER, Graz – AT, P. LEPRINCE, Paris – FR, R. KORMOS, Austin – US,
S. PIAT, Vélizy-Villacoublay – FR, D. LOISANCE, Créteil – FR, S. SCHUELER, Newcastle – GB,
J. LONG, Oklahoma – US, L. FRESIELLO, Enschede – NL

15:00 CEST
16:00

TRAINING ISSUES FOR ADVANCED HEART FAILURE AND MCS

ROOM 3

ROUND TABLE

Speakers: D. ZIMPFER, Graz – AT, S. TSUI, Cambridge – GB, C. DELMAS, Toulouse – FR

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14:00 CEST
16:00

VAD COORDINATOR MEETING
EUMS /ICCAC session

ROOM 4

Chairs: S. KORE, Manchester – GB, V. LAUENROTH, Bad Oeynhausen – DE

You have the power! How VAD Coordinators help shape MCS Therapy

The 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 role is changing with the use of more short-term devices.

J. HAJJ, Charleston – US

Where's the evidence: Use of ARBNI and SLGT2 inhibitors in MCS therapy

At our centre, we don't tend to use ARBNI and SLGT2 inhibitors and I am intrigued to know their place in MCS therapy and whether they are being used at other institutes.

Road to Recovery: Myocardial Recovery in the LVAD Patient: Recognition, Treatment, and Explant Strategies

Aim to discuss cardiac recovery and the role the VAD coordinator can play in spotting recovery along with optimisation for cardiac recovery and assessment

A. WOODS, Freeman Hospital, Newcastle – GB

Mum, Dad; Are we there yet? Single centre experience of paediatric LVAD implants

Freeman's paediatrics experience of durable MCS therapy and the challenges this brings

C. Mc GRAITH, Newcastle – GB

"Bring in the Laser" Is Cold Plasma therapy the new tool in the fight against DLI

Talk about CAPT

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, Homburg – DE

Discussion, Q/A with speakers

16:00 – 16:30 COFFEE BREAK

16:30 CEST
18:00

RAPID FIRE ABTRACT SESSION

18:30 CEST
20:00

WELCOME COCKTAIL IN THE EXHIBITION AREA

09:00 CEST
09:10

WELCOME ADDRESS

09:10 CEST
10:45

SESSION 1 – ADVANCED HEART FAILURE MANAGEMENT: EDGE OF TOMORROW

- Best abstract
- Debate: New drugs improve short-term outcomes but delay patient referral for advanced heart failure treatment (MCS, transplantation).
 - Agree R. KORMOS, Austin – US
 - Disagree J. BAUERSACHS, Hanover – DE
D. BARAN, Florida - US
- Heart failure cardiogenic shock D. BARAN, Florida - US
- Early recognition of changes in PAP by CardioMEMS helps in early identification of patients that need LVAD therapy and post-implant follow-up A. ALSHEHRI, Riyad – SA
- Levosimendan as a bridge to VAD therapy

10:45 – 11:30 COFFEE BREAK

11:30 CEST
13:00

SESSION 2 – MEET THE EXPERTS

Interactive session (cardiologist, intensivist, surgeon, VAD coordinators, and required specialists).
Voting system.

- Escalating and de-escalating A. EL BANAYOSY, Oklahoma City – US
- ECMO post transplant G. LEBRETON, Paris – FR
- LVAD and small ventricle M. MORSHUIS, Bad Oeynhausen - DE

13:00 – 14:00 LUNCH BREAK

14:00 CEST
16:00

SESSION 3 – ELECTROPHYSIOLOGY, CRT AND MCS: COLLABORATIVE WORK?

- Best abstract
- Temporary support and malignant arrhythmias M. PINTO, Paris – FR
- Ventricular rhythm disturbance issues in MCS patients U. JORDE, New York – US
- How to manage AF in LVAD patients
- Debate: All CRT non-responders should be addressed for LVAD evaluation
 - Pro N. URIEL, New York – US
 - Con E. SIMSEK, Izmir – TR

16:00 – 16:30 COFFEE BREAK

16:30 CEST
18:00

SESSION 4 – PEDIATRIC AND GROWN-UP CONGENITAL HEART DISEASE AND MCS

- The use of magnetically levitated continuous flow LVAD in paediatrics: “Russian experience” K. SHATALOV, Moscow – RU
- HMIII in smaller patients U. KERVAN, Ankara – TR
- MCS in GUCH patients: technical issues D. ZIMPFER, Graz – AT
- TAH in GUCH patients F. ARABIA, Phoenix Az – US

18:00 CEST
19:00

REGISTRIES REPORT

- Euromacs P. MOHASCI, Graz – AT
- Francemacs M. KINDO, Strasbourg - FR
- Imacs E. RAME, Pennsylvania - US
- Elongate registry N. AISSAOUI, PARIS – FR / A. PROUDFOOT, London – GB

20:00 CEST

CONGRESS DINNER

TUESDAY 5 SEPTEMBER 2023

08:30 CEST
10:30

SESSION 5 – CARDIOGENIC SHOCK AND SHORT TERM SUPPORT

- VA ECMO and Impella trials in CS: update A. COMBES, Paris – FR
- Mid-term survival after VA ECMO weaning: unjustified high rate of death? P. LEPRINCE, Paris – FR
- Left ventricle reverse remodeling with impella 5.5: an animal study B. MEYNS, Leuven - BE
- Debate: What is the best option for stable patients on VA ECMO with poor potential for recovery?
 - Cardiac transplantation E. EPAILLY, Strasbourg – FR
 - Long-term MCS (LVAD, BICAV, TAH) A. RUHPARWAR, Hanover – DE
- Debate: From ECMO to LVAD
 - Direct LVAD implantation is the best option D. SAEED, Krefeld – DE
 - Intermediary support with Impella is the best option Y. BARAC, Haifa – IL

10:30 – 11:00 COFFEE BREAK

11:00 CEST
13:00

SESSION 6 – DEEP INSIDE DURABLE MCS

- Best abstract
- Keynote lecture. AI-driven revolution: impact on Mechanical Circulatory Support world A. KILIC, South Carolina – US
- From momentum 3 trial: centre-based criteria for improving outcome? N. URIEL, New York – US
- Rehabilitation of LVAD patients: when, how, how long, and which result?
- Medicolegal issues
- Unleash the potential: Novel HeartMate 3 pump monitoring for improved patient care T. SCHÖGLHOFER, Vienna – AT
- Round table. What future for durable LAVD: how to energize the field
- Technical, market, cardiologist, surgeon, and financial issues, difference among continents

13:00 – 14:00 LUNCH BREAK

14:00 CEST
16:00

SESSION 7 – GAPS AND OPPORTUNITIES

Round table format with clinicians and R&D and business people

- Keynote lecture: role of nanotechnologies in durable MCS
- In silico and in vitro simulation to support monitoring and controls development for MCSs L. FRESIELLO, Enschede – NL
- How ECMO system could be improved?
- Why LVAD still looks like LVAD and what will lead to change? S. SCHUELER, Newcastle – GB
- How far miniaturization of VADs is possible? T. SNYDER, Clichy – FR
- Could a THA definitely challenge current LVAD? J. LONG, Oklahoma – US

16:00 – 16:30 COFFEE BREAK

- Pulsatility and ECMO: feasibility and limits
- Cleveland Clinic continuous-flow TAH
- Abbott
- Berlin Heals
- Carmat
- CorWave
- FineHeart
- ShenZhen Core Medical Technology

J. H. KARIMOV, Cleveland – US

WEDNESDAY 6 SEPTEMBER 2023

08:00 CEST
09:00

SESSION 9 – SELECTED CASES

4 cases

- A right side embolie in a patient with HMIII TAH G. LEBRETON, Paris - FR
- Unexpected LV recovery

09:00 CEST
10:00

SESSION 10 – ADVANCED HEART FAILURE THERAPIES: ALTERNATIVE TREATMENTS?

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

10:00 – 10:30 COFFEE BREAK

10:30 CEST
11:30

SESSION 11 – MECHANICAL DEVICES IN LUNG SUPPORT

- Artificial lung
- MCS pulmonary hypertension O. MERCIER, Le Plessis-Robinson - FR
- Pulmonary embolism O. SANCHEZ, Paris – FR

11:30 CEST
12:00

CLOSING SESSION

GENERAL INFORMATION

SUMMIT VENUE

NOVOTEL PARIS CENTRE TOUR EIFFEL
61 Quai de Grenelle, 75015, Paris, France
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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	€ 125	
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 € 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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