

# 19<sup>TH</sup> EUROPEAN MECHANICAL CIRCULATORY SUPPORT SUMMIT

MCS - CRM Multidisciplinary Approach Heart Failure - Device Therapies

September 7-10, 2025

Barcelona

## PRELIMINARY PROGRAMME



[www.congresseums.com](http://www.congresseums.com)

Following a successful and inspiring meeting in Hannover, hosted by Professor Jan Schmitto and the Hannover Medical School in collaboration with the Mayo Clinic, it is with great excitement that we announce the **19th European Mechanical Circulatory Summit (EUMS 2025)** will be hosted by the **Bellvitge University Hospital in Barcelona from September 7–10, 2025.**

Please add this important date into your agendas!

Over the years, the EUMS has established itself as the premier platform for showcasing novel innovations, defining best practices, and fostering interdisciplinary strategies in the field of advanced heart failure. This year, we aim to build on that legacy by introducing fresh themes designed to spark meaningful discussions and debates.

The summit offers a unique opportunity for participants to network with a diverse audience, fostering collaboration among **cardiologists, intensivists, cardiac surgeons, electrophysiologists, VAD coordinators, nurses, engineers, and industry representatives.** By bringing the EUMS to Barcelona, we further our shared mission to enhance understanding, acceptance, and the use of Mechanical Circulatory Support therapy as a vital treatment for end-stage heart failure.

We are thrilled to welcome you to **Barcelona** this September and look forward to your contributions to another impactful edition of the EUMS.



## STEERING COMMITTEE



**Pascal LEPRINCE**  
Paris, FRA



**Aly EL BANAYOSY**  
Oklahoma, USA



**Jan SCHMITTO**  
Hannover, GER

## LOCAL ORGANISING COMMITTEE



**José GONZALEZ COSTELLO**  
Barcelona, ESP



**Albert MIRALLES**  
Barcelona, ESP  
EUMS 2025 President



**Daniel ORTIZ**  
Barcelona, ESP



**José Carlos SANCHEZ SALADO**  
Barcelona, ESP

SUNDAY, SEPTEMBER 7

09:00 17:00	SIMULATION WORKSHOPS   BELLVITGE HOSPITALET
10:00 16:00	VAD COORDINATORS MEETING
16.00 18.00	VAD COORDINATORS SIMULATION WORKSHOPS
18:30 19:45	EUMS 2025 OPENING CEREMONY
19:45 20:30	WELCOME COCKTAIL EXHIBITION OPENING

MONDAY, SEPTEMBER 8

07:30 08:30	INDUSTRY BREAKFAST SYMPOSIUM
08:30 10:30	CONTROVERSIES IN CARDIOGENIC SHOCK
10:30 11:00	BREAK
11:00 13:15	HOW TO BRIDGE A PATIENT FROM CARDIOGENIC SHOCK TO DISCHARGE
13:15 14:15	LUNCH & INDUSTRY SPONSORED SYMPOSIUM
14:15 15:30	DEALING WITH BIVENTRICULAR FAILURE
15:30 16:30	CHALLENGES ON HOW TO START/ENERGISE AN MCS PROGRAMME IN DIFFERENT COUNTRIES
16:30 17:00	BREAK
17:00 19:00	INDUSTRY SESSION   LATEST ADVANCES IN ST-MCS & ADVANCED HF
20:00	EUMS 2025 CONGRESS DINNER

TUESDAY, SEPTEMBER 9

07:30 08:30	INDUSTRY BREAKFAST SYMPOSIUM
08:30 10:30	CONTROVERSIES IN LONG-TERM LVAD
10:30 11:00	BREAK
11:00 13:00	LVAD PERI-IMPLANT MANAGEMENT
13:00 14:00	LUNCH & INDUSTRY SPONSORED SYMPOSIUM
14:00 16:00	OUTPATIENT LVAD MANAGEMENT
16:00 16:30	BREAK
16:30 17:30	RAPID FIRE BEST ABSTRACT SESSIONS
17:30 19:30	INDUSTRY SESSION  LATEST ADVANCES IN LONG-TERM MCS

WEDNESDAY, SEPTEMBER 10

08:30 10:45	CONTROVERSIES IN PATIENTS WITH ADVANCED HEART FAILURE
10:45 11:15	BREAK
11:15 12:45	NOVELTIES IN LONG- TERM LVAD
12:45 13:30	CLOSING REMARKS



09.30



11.00

**SESSION 1 | FACTS AND CASES**

Overview and welcome of the EUMS-ICCAC VAD COORDINATORS Meeting

Low Flow – One alarm with different faces!

Low Flow Alarm – one case, one face

Cardio Psychology

Case of Cardio Psychology

Interactive Panel Discussion

12.00



13.30

**SESSION 2 | ALL-ROUND VAD THERAPY**

Neurodegeneration in VAD Patients

Best optimized strategies for Driveline Wound dresses: The Spain perspective

Navigating Anticoagulation and Antiplatelet Therapy

Who is ICACC? An Organization for all of us

Interactive Panel Discussion

13.30



14.30

**ICCAC MEET'S YOU LUNCH**

14.30



15.30

**SESSION 3 | INTERACTIVE CASES**

Right Heart Failure Case

Driveline Infection Case

Technical Case

Palliative Case

Interactive Panel Discussion

09.30  
17.00



## SIMULATION WORKSHOPS | Hospitalet Universitari de Bellvitge

Limited seats available, extra registration is required

**09.30** Cardiogenic shock (VA-ECMO/ Impella)

**12.00** LVAD acute post-operative management

16.00  
18.00



## VAD COORDINATORS SIMULATION WORKSHOPS

Two simulation workshops divided into two groups - participants will go from one to the other, with a 30 min break between each workshop

Driveline dressing in LVAD

Low flow alarms in an ambulatory LVAD patient

09.00  
17.00



**SIMULATION WORKSHOPS | Hospitalet Universitari de Bellvitge**

09.30  
15.30



**VAD COORDINATORS MEETING**

15.30  
16.00



**COFFEE BREAK & VISIT OF THE EXHIBITION**

16.00  
18.00



**VAD COORDINATORS SIMULATION WORKSHOPS**

18.30  
19.15



**EUMS 2025 | OPENING CEREMONY**

Welcome Address

Key note lecture:


DCD donation: Challenges and success to increase the donor pool

19.30



**INAUGURATION OF THE EXHIBITION AREA**



06.45 

## EUMS JOGGING SESSION

08.30  
10.30 

## CONTROVERSIES IN CARDIOGENIC SHOCK

Cardiogenic shock post-AMI, percutaneous axial flow pumps are the first line:

- PRO
- CON

E-CPR in cardiogenic shock : Is there a golden hour ?

- PRO
- CON

Clinical Cases :

- CS post-AMI
- Arrhythmic storm
- Septal rupture post-AMI
- E-CPR

10.30  
11.00 

## COFFEE BREAK & VISIT OF THE EXHIBITION

11.00  
13.15 

## HOW TO BRIDGE A PATIENT FROM CS TO DISCHARGE

Importance of unloading the LV in VA-ECMO and how to do it

Short-term RV support: How to do it

Debate in a patient with chronic advanced heart failure with severe LV dysfunction and heart transplant eligible who goes in to CS:

- Short-term MCS as BTT is the way forward
- Short-term MCS as a bridge to LVAD

Clinical Cases :

- CS with VA-ECMO and pulmonary congestion
- CS in the context of pulmonary embolism
- CS in a patient with non-ischemic cardiomyopathy and LV dysfunction
- CS post-cardiotomy

13.15  
14.15


## INDUSTRY LUNCH SYMPOSIUM

14.15  
15.30


## DEALING WITH BIVENTRICULAR FAILURE

Bridge to heart transplant with Biventricular failure:

- Outcomes with Short-term Biventricular support
- How do the new options of long-term biventricular support compare to the old options

Clinical Cases :

- TAH implant as bridge to heart transplant
- Short-term Biventricular support as bridge to heart transplant
- Carmat implant as bridge to heart transplant

15.30  
16.30


## CHALLENGES ON HOW TO START/ENERGIZE AN MCS PROGRAM IN DIFFERENT COUNTRIES

USA

France

Colombia

Turkey

China

16.30  
17.00


## COFFEE BREAK & VISIT OF THE EXHIBITION

17.00  
19.00


## INDUSTRY SESSION | LAST ADVANCES IN ST-MCS & ADVANCED HEART FAILURE

20.00



## GALA DINNER

07.30  
08.30



## INDUSTRY BREAKFAST SYMPOSIUM

08.30  
10.30



## CONTROVERSIES IN LONG-TERM LVAD

Use of RVAD in high risk RVs undergoing LVAD implant

- Planned RVAD at the time of LVAD
- How to predict which Rv is going to fly

Use of genetic testing in non-ischemic cardiomyopathies to guide decisions on candidacy for LVAD or heart transplant

- PRO
- CON

Clinical Cases :

- LVAD implant with poor RV (acute management)
- Non-ischemic cardiomyopathy in INTERMACS 3
- Pulmonary hypertension in INTERMACS 3
- Chronic right heart failure management after LVAD

10.30  
11.00



## COFFEE BREAK & VISIT OF THE EXHIBITION

11.00  
13.00



## LVAD PERI-IMPLANT MANAGEMENT

Patient optimisation prior to LVAD implant

Debate regarding additional surgeries at the time of LVAD implant

- Sometimes less is better
- Better solve everything in one surgery

Key points to get the patient through the post-operative period

Clinical Cases :

- Severe TR prior to LVAD implant
- Severe MR prior to LVAD implant
- LVAD post-AMI
- Ischemic stroke post-LVAD

13.00  
14.00



## INDUSTRY LUNCH SYMPOSIUM

14.00  
16.00



## OUTPATIENT LVAD MANAGEMENT

What can I do after a driveline infection in a DT patient

Pump exchange : How to do it ?

How to promote recovery in patients with LVAD ?

Clinical Cases :

- Driveline infection after LVAD
- Chronic right heart failure after LVAD
- Recovery after LVAD implant
- Moderate aortic insufficiency before LVAD

16.00  
16.30



## COFFEE BREAK & VISIT OF THE EXHIBITION

16.30  
17.30



## BEST ABSTRACT RAPID FIRE SESSION

17.30  
19.30



## INDUSTRY SESSION | LATEST ADVANCES IN LONG TERM MCS

08.30  
10.45



## CONTROVERSIES IN PATIENTS WITH ADVANCED HF

Cardiorenal syndrome in advanced heart failure (LVAD/Heart transplant): How does it influence my decision

LV remodeling devices for chronic advanced HF

Severe MR and LV dysfunction :

- Percutaneous repair is the first option
- Mini-invasive mitral surgery is still the best option
- LVAD is the best option

Clinical Cases:

- Severe MR and chronic LV dysfunction
- Acute MR post-AMI
- Pulmonary hypertension and LVAD
- Cardiorenal syndrome and LVAD

10.45  
11.15



## COFFEE BREAK & VISIT OF THE EXHIBITION

11.15  
13.30



## NOVELTIES IN LONG-TERM LVAD

LVAD and its effect on micro-circulation

Incorporating AI to LVAD decision/management: Advances and challenges

MCS and blood compatibility in 2025

Clinical Cases :

- Invasive ambulatory monitoring in a patient with LVAD
- LVAD in a patient with severe peripheral arterial disease
- Late ischemic stroke in LVAD

12.45  
13.30



## CLOSING CEREMONY

Closing Address

Key note lecture:

Evolution of heart failure treatment: From bench to bedside

## ORGANISING AGENCY

*Overcome*

13-15, rue des Sablons - 75116 PARIS

Phone: +33 (0) 1 40 88 97 97

## CONGRESS VENUE

### Barceló Sants Hotel

Plaça dels Països Catalans, s/n, 8014

Barcelona - SPAIN

	Early Bird Registrations by July 18 2025 23:59 CET	Standard Registrations from July 18 2025
<u>PHYSICIANS   ENGINEERS</u>	500 €	650 €
<u>NURSES   PERFUSIONISTS   RESIDENTS*</u>	200 €	250 €
<u>STUDENTS**</u>	125 €	125 €
<u>NON PARTNERS INDUSTRY BADGE</u>	1 000 €	1 100 €

\* Proof of job status required  
\*\*Students: still in a formal educational phase, justification required

The registration fees cover access to scientific sessions and the exhibition, congress materials, lunches, coffee breaks, and entry to the exhibition's opening event.

## FOOD AND BEVERAGE

Breaks and lunches will be served in the exhibition area.

The venue for the conference dinner will be communicated soon.

## ACCOMODATION

For information and hotel reservations, please contact the organising secreteriat OVERCOME :  
Tel: +33 (0)1 40 88 97 97  
Email: eums@overcome.fr

## EXHIBITION

Our valued partners will present a diverse range of innovative products at the exhibition, offering attendees the opportunity to explore the latest advancements, cutting-edge technologies, and high-quality resources.

## OFFICIAL LANGUAGE

The official language of the event is English, and no translation services will be available.