



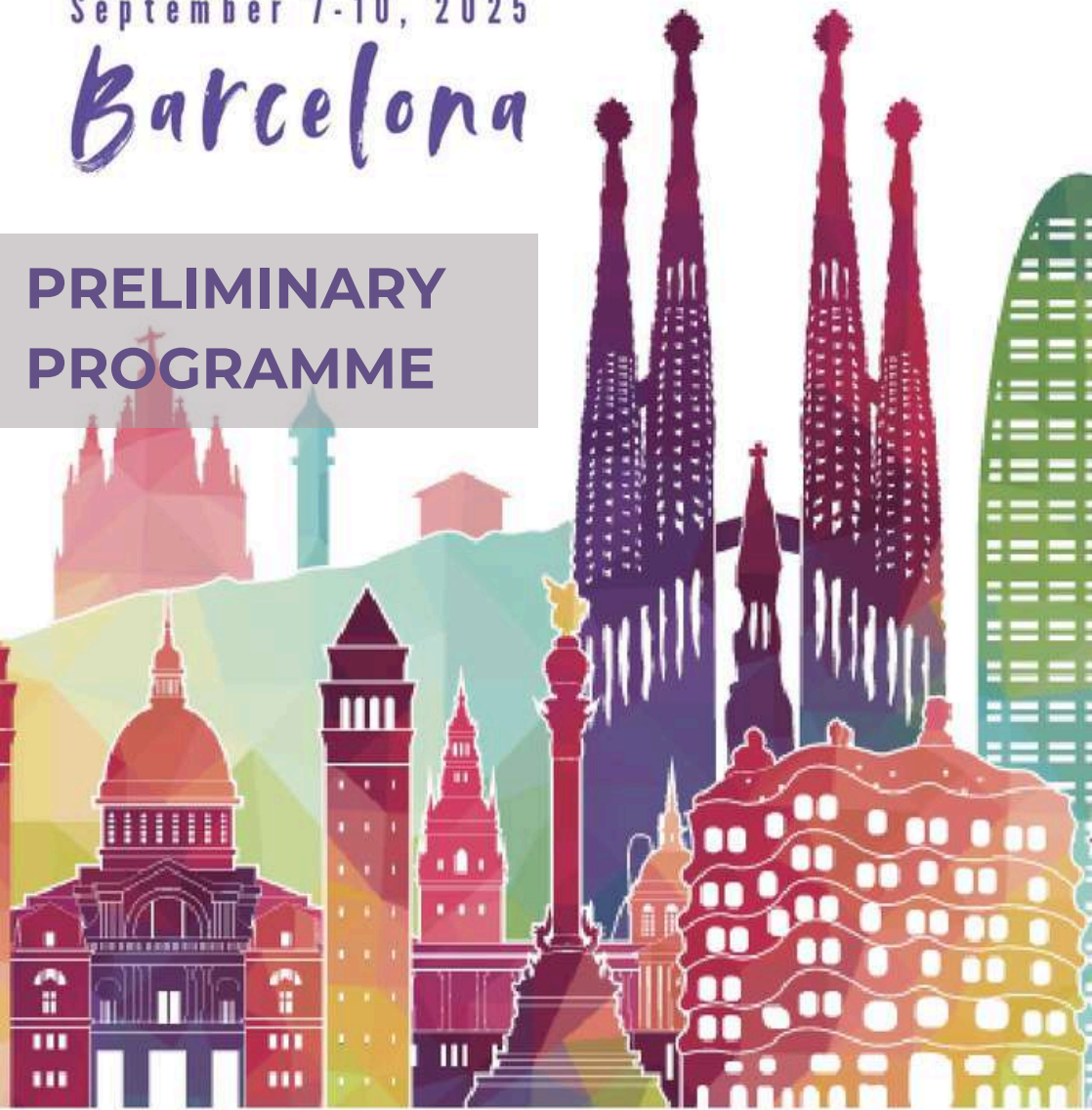
# 19<sup>TH</sup> EUROPEAN MECHANICAL CIRCULATORY SUPPORT SUMMIT

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

# PROGRAMME AT A GLANCE

## SUNDAY, SEPTEMBER 7

10:00 15:00	<b>VAD COORDINATORS MEETING</b>
15:00 18:00	<b>SIMULATION WORKSHOPS IN BELLVITGE HOSPITALET</b>
15:00 18:00	<b>SIMULATION WORKSHOPS</b>
18:30 20:00	<b>WELCOME &amp; KEYNOTE LECTURE</b>
20:00 21:30	<b>WELCOME COCKTAIL EXHIBITION OPENING</b>

## MONDAY, SEPTEMBER 8

07:30 08:30	<b>INDUSTRY BREAKFAST SYMPOSIUM</b>
08:30 10:30	<b>CONTROVERSIES IN CARDIOGENIC SHOCK</b>
10:30 11:00	<b>BREAK</b>
11:00 13:15	<b>HOW TO BRIDGE A PATIENT FROM CARDIOGENIC SHOCK TO DISCHARGE</b>
13:15 14:15	<b>LUNCH &amp; INDUSTRY SPONSORED SYMPOSIUM</b>
14:15 16:15	<b>CONTROVERSIES IN PATIENTS WITH ADVANCED HF</b>
16:15 16:45	<b>BREAK</b>
16:45 18:45	<b>LATEST ADVANCES IN SHORT-TERM MCS AND ADVANCED HEART FAILURE</b>
20:00	<b>EUMS 2025 CONGRESS DINNER</b>

**TUESDAY, SEPTEMBER 9**

07:30 08:30	<b>INDUSTRY BREAKFAST SYMPOSIUM</b>
08:30 10:30	<b>CONTROVERSIES IN LONG-TERM LVAD</b>
10:30 11:00	<b>BREAK</b>
11:00 13:15	<b>LVAD PERI-IMPLANT MANAGEMENT</b>
13:15 14:15	<b>LUNCH &amp; INDUSTRY SPONSORED SYMPOSIUM</b>
14:15 16:00	<b>OUTPATIENT LVAD MANAGEMENT</b>
16:00 16:30	<b>BREAK</b>
16:30 17:30	<b>RAPID FIRE BEST ABSTRACT SESSIONS</b>
17:30 19:30	<b>INDUSTRY SESSION: LATEST ADVANCES IN LONG-TERM MCS AND ADVANCED HEART FAILURE</b>

**WEDNESDAY, SEPTEMBER 10**

08:30 10:45	<b>BIVENTRICULAR SUPPORT</b>
10:45 11:15	<b>BREAK</b>
11:15 13:30	<b>DEALING WITH BIVENTRICULAR FAILURE</b>
13:30	<b>CLOSING REMARKS</b>



09.30



## SESSION 1 | FACTS AND CASES

11.00

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



## SESSION 2 | ALL-ROUND VAD THERAPY

13.30

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



## ICCAC MEET'S YOU LUNCH

14.30

14.30



## SESSION 3 | INTERACTIVE CASES

15.30

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

**15.00** LVAD ambulatory care 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

09.30  
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  
20.00



**OPENING CEREMONY**

Key note lecture

DCD donation: Challenges and success to increase the donor pool

20.00



**INAUGURATION OF THE EXHIBITION AREA**



07.30  
08.30



## INDUSTRY BREAKFAST SYMPOSIUM

08.30  
10.30



## CONTROVERSIES IN CARDIOGENIC SHOCK

Cardiogenic shock post-AMI: Percutaneous axial flow pumps are the only way

- PRO
- CON

E-CPR in cardiogenic shock

- 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 advanced heart failure and severe LV dysfunction 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



LUNCH BREAK

13.15  
14.15



INDUSTRY LUNCH SYMPOSIUM

14.15  
15.15



CONTROVERSIES IN PATIENTS WITH ADVANCED HF

How to monitor patients in advanced heart failure

- Invasive monitoring
- Non-invasive monitoring

Cardiorenal syndrome and LVAD implant

Severe MR and LV dysfunction

- Percutaneous repair is the first option
- Minin-invasive mitral surgery is stille the best option
- LVAD is the best option

Clinical Cases :

- Severe MR and chronic LV dysfunction
- Acute MR post-AMI:
- Pulmonary hypertension in advanced heart failure
- Cardiorenal syndrome and LVAD

15.15  
15.45



COFFEE BREAK & VISIT OF THE EXHIBITION

16.45  
18.45



LATEST ADVANCES IN ST-MCS AND ADVANCED HEART FAILURE

20.00



GALA DINNER

07.30  
08.30



## INDUSTRY BREAKFAST SYMPOSIUM

08.30  
10.30



## CONTROVERSIES LONG-TERM LVAD

Use of RVAD in high risk RVs undergoing LVAD implant

- Planned RVAD at the time of LVAD
- RVAD as a bail out

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:
- Non-ischemic cardiomyopathy in INTERMACS 3
- Pulmonary hypertension in INTERMACS 3

10.30  
11.00



## COFFEE BREAK & VISIT OF THE EXHIBITION

11.00  
13.15



## 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

13.15  
14.15



## LUNCH BREAK

13.15  
14.15



## INDUSTRY SPONSORED SESSION

14.15  
16.00



## OUTPATIENT LVAD MANAGEMENT

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

Pump exchange

Will the Jena valve change our approach to aortic insufficiency in LVAD implants

Clinical Cases :

- Driveline infection after LVAD
- Chronic right heart failure after LVAD
- Pump thrombosis in HM3
- 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  
19.00



## VAD UPDATES

08.30  
10.45 

## 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 :

- LVAD in a patient with Cardiomegs
- LVAD in a patient with severe peripheral arterial disease
- Use of AI in LVAD decision/management
- Late ischemic stroke in LVAD

10.45  
11.15 

## COFFEE BREAK & VISIT OF THE EXHIBITION

11.15  
13.30 

## DEALING WITH BIVENTRICULAR FAILURE

Challenging case: Bridge to heart transplant with Biventricular failure

- Outcomes with Short-term Biventricular support
- Outcomes with TAH/Bivacor, Carmat support
- Outcomes with 2 continuous flow

How do the new options of biventricular support compare to the old options

Clinical Cases :

- TAH implant in high risk RV as bridge to heart transplant
- Short-term Biventricular support as bridge to heart transplant
- Carmat implant as a bridge to heart transplant

13.30 

## CLOSING CEREMONY

## ORGANISING AGENCY

*Overcome*

13-15, rue des Sablons - 75116 PARIS

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	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

Registration fees include: an access to the scientific sessions and the exhibition, congress documents, lunches, coffee breaks and conference dinner.

### FOOD AND BEVERAGE

Breaks and lunches will be served in the "Salle des Textiles", next to the exhibition area.

The venue for the conference dinner will be communicated soon.

### ACCOMODATION

For any information and reservation, please contact the

OVERCOME agency:

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

### EXHIBITION

Pharmaceutical firms, technical equipment companies and scientific book publishers will display their products at the exhibition.

### OFFICIAL LANGUAGE

English.