



EUMS
Paris - Vienna - Hannover
MCS - CRM
JOINT MEETING

**MAYO
CLINIC**



18TH EUROPEAN MECHANICAL CIRCULATORY SUPPORT SUMMIT

Multidisciplinary Approach
Heart Failure - Device Therapies



HANNOVER 2024
Congress Centrum
SEPTEMBER 11-14

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Dear Ladies and Gentlemen,
Dear Colleagues and
Dear Friends of Heart Medicine,

IMPORTANT NEWS!

The upcoming **EUMS-Conference is going to become a Joint-EUMS-Mayo-Hannover-Heart-Conference-2024** and will take place in Hannover, Germany from Sept 11th – 14th, 2024.

After several highly successful EUMS meetings, notably the past two editions (EUMS-2022 in Hannover and EUMS-2023 in Paris), the EUMS meeting has become THE most exciting event in the field of end stage heart failure!

Over the last few years, the EUMS has emerged as the leading platform for showcasing novel innovations, setting standards for best practices and fostering interdisciplinary treatment strategies in the field of advanced heart failure!

Consequently, the EUMS-Board has chosen to focus the upcoming 2024 conference with the following goals:

- Highlighting best practices
- Embracing interdisciplinary approaches
- Ensuring international perspectives
- Encouraging intervention strategies
- Promoting interactive engagements
- Fostering innovation

Alongside the latest development this year, triggered by the goal to improve the quality and standards of the conference and advance the science, MAYO Clinic, Rochester, USA, has joined as a EUMS partner. This partnership will facilitate our long-term goal to improve understanding and acceptance of Mechanical Circulatory Support therapy as a therapy for end-stage heart failure.

Last year in Paris, the EUMS group headed by Pascal LePrince hosted a very active conference, bringing together more than 500 caregivers, engineers and specialists involved in the field of advanced heart failure and mechanical circulatory support.

The EUMS-Mayo-Hannover-Heart-Conference-2024 will start on Wednesday, September 11th and will end on Saturday, September 14th.

The Hannover MCS Team is also offering the opportunity to visit the MCS program at Hannover Medical School right before and/or after the EUMS-Mayo-Hannover-Meeting (e.g. Monday-Tuesday September 9th/10th or Sept. 16th).

The main objective of the Joint-EUMS-Mayo-Hannover-Heart-Conference-2024 is to facilitate the exchange in experiences, sharing of knowledge, networking, scientific discourse, questioning, and promoting collaborative efforts between cardiologists, intensivists, cardiac surgeons, electrophysiologists, VAD coordinators, nurses, engineers, and industry representatives. Participants and faculty will have the opportunity to discuss and interact with the most experienced experts in the field.

There will be a full session focusing on the interface between electrophysiology, novel technologies and short- and long-term MCS and how to fill the therapeutic and communication gap between the two fields.

In recent years the MSC field has undergone significant changes and in particular a dramatic reduction of companies in the MCS sector, alongside a global decline in the number of implantations despite the continuous growth in the population of patients requiring such support. We will encourage interactive discussions between industry and caregivers to gain insight into the reasons for the recent decrease in numbers and how to address the ongoing and pervasive lack of confidence in MCS therapy among many cardiologists as well as the pertinent financial concerns. How to improve management and the establishment of best practices will be a priority at the upcoming EUMS conference in Hannover.

Technical issues related to the growing field of GUCH will also be discussed alongside interactive debates led by KOLs discussing on complex cases. Finally, we will look towards the future with innovations, update sessions and also with EUMS task expansion.

Our consistent mission has been to work together to make EUMS the most active forum to improve global knowledge in MCS.

We are looking forward to welcoming you to EUMS-Mayo-Hannover-Heart-Conference 2024 and look forward to your participation.

Pascal LePrince

Aly ElBanayosy

Daniel Zimpfer

Sudhir Kushwaha

Jan D. Schmitto

COURSE DIRECTORS

Aly ElBanayosy, Oklahoma City, USA
Sudhir Kushwaha, Mayo, Rochester, USA
Pascal LePrince, Paris, France
Daniel Zimpfer, Vienna, Austria
Jan D. Schmitto, Hannover, Germany

LOGISTICAL ORGANISATION AND REGISTRATION

OVERCOME
13-15, Rue des Sablons
75116 Paris, France
Tel. : +33 1 40 88 97 97
E-mail: eums@overcome.fr

Monday, September 9

09.00
13.00



EUMS ACADEMY "CLINICAL WARD ROUND" FROR VAD
COORDINATORS

Hannover Medical
School

Thursday, September 10

08.00
13.00



ANIMAL HANDS ON WORKSHOP

Hannover Veterinary
School

Wednesday, September 11

08.00
13.00



ANIMAL HANDS ON WORKSHOP

Hannover Veterinary
School

10.00
12.00



SESSION 1 | HOW TO SET UP A SUCCESSFUL MCS PROGRAMME:
ROLE OF THE VAD COORDINATORS

1st Floor Plenary

VAD COORDINATORS MEETING

- 10.00 Welcome Address
- 10.10 The Role of the VAD Coordinator: EU Perspective
- 10.30 The Role of the VAD Coordinator: US Perspective
- 10.50 Requirements for growing a VAD Program
- 11.10 Caring for Ourselves and Others – Collaboration and Personal Growth
- 11.30 Who is ICACC? An organization for all of us
- 12.00 Interactive Panel Discussion

12.00
13.00



ICCAC LUNCH

1st Floor Plenary

13.00
14.45



SESSION 2 | BEST OPTIMIZED STRATEGIES FOR THE POSTOPERATIVE
MANAGEMENT OF VAD-PATIENTS

1st Floor Plenary

VAD COORDINATORS MEETING

- 13.00 Best optimized strategies for the management of Drivelines:
Prevention
- 13.25 Best optimized strategies for the management of Drivelines:
Therapy
- 13.45 Postoperative management of VAD patients: Blood pressure measurement, Anticoagulation- and DL-management, psychology and much more
- 14.05 Best optimized strategies for the long-term postoperative management of VAD- Patients: The US-perspective
- 14.25 Best optimized strategies for the long-term postoperative management of VAD- Patients: The European-perspective
- 14.45 Interactive Panel Discussion

15.00
16.00



HANDS ON & COFFEE BREAK

1st Floor Plenary

16.00
17.20



SESSION 3 | INDICATIONS AND PATIENT SELECTION FOR VADs

1st Floor Plenary

VAD COORDINATORS
MEETING

- 16.00 Welcome
- 16.05 Fantastic 4, overview on the recent Guidelines for MCS
- 16.25 eResults of recent Heart Failure Devices: CRT-D, Optimizer, CVRX, MitraClip, and more
- 16.40 Overview on the recent Guidelines for MCS

17:00 STS-Database-Report, Momentum, Elevate

17:20 The Right patient at the Right Time with the Right Therapy at the Right Center. Interactive Panel Discussion

18.00
20.00



EUMS-MAYO CLINIC JOINT MEETING | OPENING CEREMONY

Niedeachsen Hall B

MAIN MEETING

18.00 Joint-EUMS-Mayo-Hannover-Meeting

18.10 Welcome Address

18.20 Welcome address President of Hannover Medical School

18.30 Welcome address Chief of Cardiac Surgery

18.40 EUMS-Mayo-2024-President

18.45 Introduction of the Key note Lecturer

18.45 Key note Lecture : Development of Artificial Hearts

20.00



WELCOME COCKTAILS IN THE EXHIBITION AREA

Niedersachsen Halle A

Opening of the Industrial Exhibition

Thursday, September 12

07.30
08.30



INDUSTRY BREAKFAST SYMPOSIUM

Niedersachsen Halle B

08.00
09.20



SESSION 4 PATIENT'S DAY (IN GERMAN)- PART 1

1st Floor Plenary

VAD COORDINATORS
MEETING

08.00 Live of Hany Veeger

08.20 10 years with a Heartmate-3: worlds' first patient

08.40 9 years with a MVAD: the one and only

09.00 11.5 years Minimally-invasive HVAD and then Heart transplantation

08.30
10.00



BEST OPTIMIZED TREATMENT FOR THE RV

Niedersachsen Halle B

MAIN MEETING

08.30 Best Abstract: Results of RVAD-Animal experiments

08.45 Prevention of RV failure

09.00 Treatment options for acute right-ventricular support

09.15 Percutaneous MCS for the RV: ECMO-to-GO

09.30 Berlin Heart Excor as RBAD: Results

09.45 Discussion

09.20
10.20



PULSLOS LEBEN E.V. | BREAKFAST WITH EXPERIENCE
EXCHANGE, INTERACTIVE TALKS

1st Floor Plenary

10.00
10.30



COFFEE BREAK

Niedersachsen Halle A

10.20
11.30



SESSION 4 | PATIENTS' DAY (IN GERMAN) PART 2

1st Floor Plenary

VAD COORDINATORS
MEETING

10.20 The MCS-Program in Hannover

10.40 Importance of the VAD coordination

11.00 Outpatient Clinic

11.20 Interactive Panel Discussion

11.30
12.30



EXPERIENCE EXCHANGE, INTERACTIVE TALKS COFFEE
BREAK

1st Floor Plenary

10.30
12.00



PRO/CON DEBATES: EUMS-MAYO

Niedersachsen Halle B

MAIN MEETING

10.30 Outlook to the Future of Medical Devices

Debate I: ECMO: Dead or Alive

10.50 Debate I: **ECMO: is dead**

11.00 Debate I: **ECMO will survive**

11.10 Interactive Panel Discussion

Debate II: LVAD for INTERMACS class 4 + LVAD for Intermacs class 4:

11.25 Debate II: **CON**

11.35 Debate II: **PRO**

11: 45 Interactive Panel Discussion

12.30
13.00



INDUSTRY LUNCH SYMPOSIUM

Niedersachsen Halle B

13.30
15.10



SESSION 5 | JOINT ICACC-EUMS-MAYO-MEETING

1st Floor Plenary

AD COORDINATORS
MEETING

13.30 Right Heart Failure

13.50 Jelly-HeartMate3

14.10 Wound Case

14.50 Bleeding Case

13.30
15.00



SIMPLY THE BEST-INTRA-OPERATIVELY EUMS-MAYO
INTERDISCIPLINARY SESSION

Niedersachsen Halle B

MAIN MEETING

13.30 Mitral and Tricuspid Valve pathology post-LVAD

13.45 Which approach: MIC vs. Sternotomy

14.00 LVAD: plus or minus Tricuspid Valve

14.15 LVAD: plus or minus Mitral Valve

14.30 LVAD: plus or minus Mitral Valve

14.45 Discussion

15.00
15.30



COFFEE BREAK

Niedersachsen Halle A

15.30
17.00



ACUTE SESSION: SHORT TERM

Niedersachsen Halle B

MAIN MEETING

- 15.30** Has short-term mechanical circulatory support an impact on post-heart transplant vasoplegia?
- 15.40** What device for which patients?
- 15.50** Left ventricle unloading improves the in-hospital survival of pediatric congenital heart disease patients supported with veno-arterial extracorporeal life support
- 16.00** Refractory CS: from last 3CT meeting
- 16.10** Short term support: where to go
- 16.20** Other etiologies than AMI and post cardiectomy
- 16.30** Percutaneous MCS including novel vascular access and venting strategies
- 16.40** Discussion

16.00
18.00



SESSION 6 | EUMS-VAD-COORDINATOR ACADEMY

1st Floor Plenary

VAD COORDINATORS MEETING

- 16.00** GI Bleeding: a long acting solution to the immediate problem
- 16.20** Exercising with VAD
- 16.40** Cardiopsychology
- 17.00** Psychosocial issues in ventricular assist device implantation and management
- 17.20** Navigating Anticoagulation and Antiplatelet Therapy
- 17.40** Interactive Panel Discussion

17.00
19.00



VAD UPDATES

Niedersachsen Halle B

MAIN MEETING

19.30
23.00



GALA DINNER

Blauer Saal

Friday, September 13

07.30
08.30



INDUSTRY BREAKFAST SYMPOSIUM

Niedersachsen Halle B

08.30
10.00



TAH UPDATE

Niedersachsen Halle B

10.00
10.30



COFFEE BREAK

Niedersachsen Halle A

10.30
12.30



VAD SESSION

Niedersachsen Halle B

MAIN MEETING

10.30 Current Guidelines for VAD-therapy

10.45 EUROMACS update

11.00 INTERMACS update

11.15 STS, IMACS update

11.30 ELEVATE

11.45 Role of MCS in ISHLT

12.00 Discussion

12.30
13.00



INDUSTRY LUNCH SYMPOSIUM

Niedersachsen Halle B

13.40
15.00



BEST OUTCOMES: POST AND FUTURE OF MCS

Niedersachsen Halle B

MAIN MEETING

13.40 Hemodynamics and Physiology of Durable MCS therapy

13.55 Outcome variation through centers

14.10 HF-Devices: Market development in the US

14.25 Wish list for future VAD-therapy

14.40 Global Discussion

15.00
15.30



COFFEE BREAK

Niedersachsen Halle A

15.30
17.00



FUTURE TECHNOLOGIES I

Niedersachsen Halle B

MAIN MEETING

- 15.30 Pulsecath
- 15.37 Procyrion
- 15.44 NuPulse
- 15.51 EMKA Medical
- 15.58 C-MIC - Berlin Health
- 16.05 CVRX
- 16.12 HFpEF devices
- 16.19 Cardiobridge
- 16.26 Syntach
- 16.33 Corolla
- 16.40 Discussion

17.00
17.45



EUMS-MAYO-SESSION - INTERNATIONAL MARKET DEVELOPMENT I

Niedersachsen Halle B

MAIN MEETING

- 17.00 Exploring New Markets
- 17.15 Establishment of a National Heart Failure-Network
- 17.30 Discussion

17.45
19.00



BEST ABSTRACT RAPID FIRE SESSSION

Niedersachsen Halle B

Saturday, September 14

08.00
10.00



JOINT EUMS-MAYO-ISMCS-ESAO-SESSION

Niedersachsen Halle B

MAIN MEETING

- 08.00** Welcome address from the ESAO president
- 08.15** Intelligent systems for long term cardiac support
- 08.30** Sensor technologies
- 08.45** Biomarkers, Proteins and New Devices
- 09.00** Non-invasive monitoring of HeartMate 3 LVAD patient
- 09.15** Establishment of a Regional Heart Failure-Network
- 09.30** Discussion

10.00
10.30



COFFEE BREAK

Niedersachsen Halle A

10.30
12.30



EUMS - MAYO - SESSION- ALTERNATE HF THERAPIES

Niedersachsen Halle B

MAIN MEETING

- 10.30** Barostimulation
- 10.45** C-MIC
- 11.00** EpiHeart – Cell therapies
- 11.15** Update Stem Cell therapies for HF
- 11.30** Partial Heart Transplant
- 11.45** Xenotransplant
- 12.00** Discussion

12.30
13.00



EUMS-MAYO CLOSING CEREMONY

Niedersachsen Halle B

MAIN MEETING

- 12.30** Summary
- 12.40** Awards EUMS-VAD-Academy
- 13.50** Outlook EUMS 2025
- 13.00** Closing Remarks

GENERAL INFORMATION

SUMMIT VENUE

Hannover Congress Centrum
Theodor-Heuss-Platz 1-3, 30175 Hannover, Germany

LOGISTICAL ORGANIZATION AND REGISTRATION

Overcome

13-15, rue des Sablons - 75116 PARIS, France
Ph: +33(0)1 40 88 97 97
E-mail: eums@overcome.fr

REGISTRATIONS

EUMS-MAYO CLINIC JOINT MEETING

	Early Registrations by July, 22nd	Late Registrations from July, 23rd
<u>PHYSICIANS ENGINEERS</u>	550 €	650 €
<u>NURSES PERFUSIONISTS RESIDENTS</u>	250 €	250 €
<u>STUDENTS</u>	125 €	125 €
<u>NON PARTNERS INDUSTRY BADGE</u>		1000 €
<u>CONGRESS DINER</u>		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 2024. There will be a cancellation fee of € 60 (incl. VAT). No refund will be possible after this date.

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