



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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www.congresseums.com

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
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E-mail: eums@overcome.fr

Monday, September 9

09.00
13.00



EUMS ACADEMY "CLINICAL WARD ROUND" FOR VAD
COORDINATORS | WORKSHOP ON LESS-INVASIVE-VAD
IMPLANTATION STRATEGIES

Hannover Medical School

Tuesday, September 10

08.00
13.00



EUMS VAD ACADEMY | SURGICAL HANDS-ON TRAINING: ANIMAL
LABORATORY

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

Chair: F. Müller, Hamburg - GER, P. Brennan, Tampa - USA

10.00 Welcome Address

P. LEPRINCE, Paris - FRA
S. KUSHWAHA, Rochester - USA
J.D. SCHMITTO, Hannover - GER

10.10 The Role of the VAD Coordinator: EU
Perspective

M. BAHLS, Hannover - GER

10.30 The Role of the VAD Coordinator: US
Perspective

K. BENIKE, Rochester - USA

10.50 Requirements for growing a VAD Program

S. MARIANI, Monza - ITA

11.10 Caring for Ourselves and Others –
Collaboration and Personal Growth

P. BRENNAN, Tampa - USA

11.30 Who is ICACC? An organization for all of us

A. THOMAS, Oregon - USA

12.00 Interactive Panel Discussion

VAD COORDINATORS MEETING

12.00
13.00



ICCAC Meets you! LUNCH

1st Floor Plenary

13.00
15.00



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

1st Floor Plenary

Chair: S. Mariani, Monza - ITA

13.00 Best optimized strategies for the
management of Drivelines: **Prevention**

K. HOMANN, Hannover - GER

13.25 Best optimized strategies for the
management of Drivelines: **Therapy**

F. MULLER, Hamburg - GER

13.45 Postoperative management of VAD
patients: Blood pressure measurement,
Anticoagulation- and DL-management,
psychology and much more

A.M. OPPELHAAR, Utrecht - NLD

14.05 Best optimized strategies for the long-
term postoperative management of VAD-
Patients: The US-perspective

S. SHETTLE, Rochester - USA

14.25 Best optimized strategies for the long-
term postoperative management of VAD-
Patients: The European-perspective

A. SCHÖDE, Hannover - GER

14.45 Interactive Panel Discussion

VAD COORDINATORS MEETING

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

Chair: G. Dogan. Hannover, GER

VAD COORDINATORS MEETING

16.00 Welcome

16.05 Fantastic 4

16.25 Results of recent Heart Failure Devices: CRT-D, Optimizer, CVRX, Mitra Clip, and more

16.40 Overview on the recent Guidelines for MCS

D. BERLINER, Hannover- GER

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

Niedersachsen Hall B

Chairs: S. Kushwaha, Rochester - USA, J. D. Schmitto, Hannover - GER, A. Ruhparwar, Hannover-GER, P. Leprince, Paris - FRA, A. El Banayosy, Oklahoma City - USA

MAIN MEETING

18.00 Welcome address EUMS-Mayo Clinic Joint Meeting

J.D. SCHMITTO, Hannover – GER
S. KUSHWAHA, Rochester - USA

18.10 Welcome Address Director of Cardiac surgery, Hannover

A. RUHPARWAR, Hannover - GER

18.20 Welcome address President of Hannover Medical School

M. MANNS, Hannover-GER

18.30 Introduction of the Key Note Lecturer

S. KUSHWAHA, Rochester - USA

18.40 Key note Lecture : Development of Artificial Hearts

F. ARABIA, Phoenix - USA

19.00 Opening of the EUMS MAYO Clinic Joint Meeting

P. LEPRINCE, Paris - FRA
A. EL BANAYOSY, Oklahoma - USA

20.00



WELCOME COCKTAILS IN THE EXHIBITION AREA

Niedersachsen Halle A

Opening of the Industrial Exhibition

Thursday, September 12

08.00
09.20



AD COORDINATORS MEETING

SESSION 4 | PATIENTS' DAY (IN GERMAN) - PART 1

1st Floor Plenary

Chair: S. Feueriegel, Hannover-GER, E. Deniz, Hannover – GER

- 08.00** Life of Hans Veeger H. VEEGER, Grohningem - NLD
- 08.20** 10 years with a Heartmate-3: worlds' first patient
- 08.40** 9 years with a MVAD: the one and only W. LAUKART, Hannover - GER
- 09.00** 11.5 years Minimally-invasive HVAD and then Heart transplantation J. BÖCKELMANN, Hannover - GER

08.30
10.00



MAIN MEETING

BEST OPTIMIZED TREATMENT FOR THE RV

Niedersachsen Halle B

Chairs: J. Hanke, Hannover - GER, A. El Banayosy, Oklahoma - USA, A. Bernhardt, Hamburg - GER, M. Villavicencio, Rochester - USA

- 08.30** Best Abstract: Results of RVAD-Animal experiments E. DENIZ, Hannover - GER
- 08.40** Berlin Heart Excor as RVAD/BiVAD: Results S.E BARTFAY, Gothenburg - SWE
- 09.55** How to Prevent RV failure: tips and tricks J. HANKE, Hannover - GER
- 09.10** Treatment options for acute right-ventricular support as BTT M. VILLAVICENCIO, Rochester - USA
- 09.25** Percutaneous MCS for the RV – State of the Art individualized support S. SCHMACK, Hannover - GER
- 09.40** 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



VAD COORDINATORS MEETING

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

1st Floor Plenary

Chairs: S. Feueriegel, Hannover-GER

- 10.20** The MCS-Program in Hannover E. DENIZ, Hannover - GER
- 10.40** Importance of the VAD coordination A. KAJEVIC, Hannover - GER
- 11.00** VAD and rehabilitation clinic- What's special? M. POHL, Bad Fallingbostel - GER
- 11.20** Outpatient Clinic

11.30
12.30



SPECIAL HANDS-ON
Presented by Abbott **1st Floor Plenary**

10.30
12.30



PRO/CON DEBATES: EUMS-MAYO CLINIC | HANNOVER 2024 **Niedersachsen Halle B**

Chairs : P. Leprince, Paris - FRA, A. El Banayosy, Oklahoma - USA, A. Ruhparwar, Hannover - GER, M. Mehra, Boston - USA

MAIN MEETING

- 10.30** Key Note Lecture : Outlook to the Future of Medical Devices M. MEHRA, Boston-USA
- 10.50** Partial Heart Transplant T. RAJAB, Arkansas - USA
- Debate** : LVAD for INTERMACS class 4 + LVAD for Intermacs class 4 +
- 10.50** Debate II: **CON** E. RAME, Philadelphia - USA
- 11.00** Debate II: **PRO** N. URIEL, New York - USA
- 11: 30** Interactive Panel Discussion J.D. SCHMITTO, Hannover - GER
- S. KUSHWAHA, Rochester - USA
- A. ROSENBAUM, Rochester - USA
- E. RAME, Philadelphia - USA
- A. RUHPARWAR, Hannover - GER
- A. POPOV, Hannover – GER
- T. RAJAB, Arkansas -USA

12.30
13.30



PERCUTANEOUS MECHANICAL CARDIOVASCULAR SUPPORT - THE HEART TEAM, THE CLINICAL USE AND THE STUDY SITUATION **Niedersachsen Halle B**
Industry symposium with the support of Abiomed

Chairs: J. Bauersachs, Hannover - GER, A. Ruhparwar, Hannover – GER

MAIN MEETING

- 12.30** Every shock is different – Optimal circulatory support with the Impella® heart pump – decision and implementation in the heart team is crucial C. NAPP, Hannover - GER
The Cardiology View
- 12.50** Every shock is different – Optimal circulatory support with the Impella® heart pump – decision and implementation in the heart team is crucial B. SCHMACK, Hannover - GER
The Heart Surgery View
- 13.10** DanGer Shock – A landmark trial and how it might affect patient selection R. WESTENFELD, Aachen - GER

12.30
13.30



VAD COORDINATORS LUNCH **1st Floor Plenary**
With the support of Abbott

13.30
15.10



SESSION 5 | JOINT ICACC-EUMS-MAYO CLINIC MEETING

1st Floor Plenary

Chairs: K. Warnke, Bremen - GER, A. Thomas, Oregon - USA

VAD COORDINATORS
MEETING

- 13.30** Right Heart Failure S. KORE, Manchester University - GB
- 13.50** Jelly-HeartMate3
- 14.10** Wound Case S. SHETTLE, Rochester - USA
- 14.30** Technical Case L. ROARK, Ochsner - USA
- 14.50** Bleeding Case F. MÜLLER, Hamburg - GER

13.30
15.00



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

Niedersachsen Halle B

Chairs: N. Uriel, New York - USA, P. Leprince, Paris - FRA, E. Rame, Philadelphia - USA, A. Öner, Rostock - GER, M. Shrestha, Rochester - USA, A. Prinzing, Frankfurt - GER, W. Koen, Cape Town - ZAF

MAIN MEETING

- 13.30** Mitral and Tricuspid Valve pathology post-LVAD P. TANG, Rochester - USA
- 13.45** **Interoperative decision:**
- 13.45** Right selection of LVAD candidates and optimal timing of LVAD implantation S. NABANTGIL, Izmir - TUR
- 14.57** LVAD: with or without Mitral Valve H. AUBIN, Dusseldorf - GER
- 14.09** LVAD: with or without aortic Valve A. PRINIZNG, Frankfurt - GER
- 14.21** LVAD: with or without Tricuspid Valve D. SCHIBILSKY, Luzern - CH
- 14.33** Discussion

15.00
15.30



COFFEE BREAK

Niedersachsen Halle A

15.30
17.00



ACUTE SESSION: SHORT TERM

Niedersachsen Halle B

Chairs: D. Rosenbaum, Rochester - USA, E. Rame, Philadelphia - USA, P. Leprince, Paris - FRA, S. Hosseini, Teheran - IRN

Best abstract: Hemodynamic Effects of a Novel Couter-pulsatile system for Extracorporeal Membrane Oxygenation

MAIN MEETING

- 15.40** What device for which patients? A. EL BANAYOSY, Oklahoma - USA
- 15.50** Left ventricle unloading improves the in-hospital survival of paediatric congenital heart disease patients supported with veno-arterial extracorporeal life support P. MEANI, Maastricht - NLD
- 16.00** Micro-Axial bridge to permanent VAD
- 16.10** Ascending aorta replacement at times of LVAD S. MOKASHI, Philadelphia - USA

16.20 Upgrade of right ventricular pacing to cardiac resynchronization therapy in heart failure

16.30 RH-Bypass: early or late, when and how

T. YADGI, Izmir - TUR

16.40 Discussion

16.00

18.00



SESSION 6 | EUMS VAD-COORDINATOR ACADEMY

1st Floor Plenary

Chairs: S. Schettle, Rochester - USA, S. KORE, Manchester - UK

16.00 GI bleeding of CF-LVADs-Accept the Challenge

B. HUGI-MAYR, Bern - CH

16.20 Exercising with VAD

16.40 Cardio psychology

K. WANKE, Bremen - GER

17.00 Psychosocial issues in ventricular assist device implantation and management

K. VANDERMISSEN, Leuven - BEL

17.20 Navigating Anticoagulation and Antiplatelet Therapy

B. SCHNEGG, Bern - CH

17.40 Interactive Panel Discussion

VAD COORDINATORS MEETING

17.00

19.00



VAD UPDATES

Niedersachsen Halle B

Chairs: A. El Banayosy, Oklahoma - USA, B. Tarazi, Kuwait - KWT, A. Popov, Hannover - GER, D. Berliner, Hannover - GER

Best abstract: Next generation of mechanical circulatory support: rotary assisted pulsatile pump (RAP-P)

17.10 Abbott

P. NEWMAN, Minneapolis - USA

17.20 BerlinHeart Excor

D. MEDART, Berlin - GER

17.30 CorHeart 6

17.40 CorWave

C. BOTTERBUSCH, Paris - FRA

17.50 BRIO-VAD / CH-Biomedical

C. CHEN, Jiangsu - CHN

18.00 Mi-VAD

S. KUSHWAHA, Rochester - USA

18.10 AdjuCor

S. WILDHIRT, Munich - GER

18.20 Cardiobionic

K. R BALAKRISHNAN, Chennai - IND

18.30 Pericardcheck-Biomarkers

A. POPOV, Hannover - GER

18.40 Discussion

MAIN MEETING

19.30

23.00



GALA DINNER

Blauer Saal

Friday, September 13

07.30
08.30



THE LONGEST LIVING MVAD PATIENT: WHAT WE'VE LEARNED OVER THE LAST 9 YEARS

Niedersachsen Halle B

Industry symposium with the support of Medtronic

Chairs: J.D Schmitto, Hannover - GER, A. Schoede, Hannover - GER, A. Goerler, Hannover - GER, S. Schueler, Newcastle - UK

MAIN MEETING

- 07.30** The MVAD: the pump, the vision, the study... S. SCHUELER, Newcastle - UK
- 07.40** My 9 years of MVAD support! W. LAUKART, Hannover - GER
- 07.50** Pre-, Intra- and perioperative tips and tricks for excellent long-term-Outcomes with permanent VADs J. D SCHMITTO, Hannover - GER
- 08.00** Postoperative Management from the Point of view of the VAD-coordinator: to achieve excellent long-term-Outcomes with permanent VADs A. SCHOEDE, Hannover - GER
- 08.10** Postoperative Management from the Point of view of the outpatient care doctor: to achieve excellent long-term-Outcomes with permanent VADs A. GROELER, Hannover - GER
- 08.20** Discussion

08.30
10.30



TAH UPDATE

Niedersachsen Halle B

Chairs: A. Dashkevich, Leipzig - GER, H. Aubin, Dusseldorf - GER, G. Dogan, Hannover - GER, M. Ozbara, Izmir - TUR, A. Zubarevic, Hannover - GER

MAIN MEETING

- 08.30** Which patients benefit from biventricular MCS? A. EL BANAYOSY, Oklahoma - USA
- 08.38** Carmat A. HANEYA, Tier - GER
- 08.46** Syncardia A. SIMON, Tuscon - USA
- 08.54** TAH-HeartMate 6 G. DOGAN, Hannover - GER
- 09.02** Realheart I.-L. PERKINS, Vasteras - SWE
- 09.10** ReinHeart
- 09.18** Bivacor
- 09.26** Cleveland Clinic Total Artificial Heart
- 09.34** Biological TAH: Padua project
- 09.42** The ShuttlePump - a novel pulsatile valveless total artificial heart T. BIEREWIRTZ, Berlin - GER
- 09.50** "DuoCor", HXCoreMedical: First clinical experience J.D. SCHMITTO, Hannover - GER
- 09.58** Discussion

10.30
11.00



COFFEE BREAK

Niedersachsen Halle A

11.00
12.30



VAD SESSION

Niedersachsen Halle B

Chair: S. Kushwaha, Rochester, USA, A. Bernhardt, Hamburg - GER

MAIN MEETING

- 10.30** Current Guidelines for VAD-therapy D. BERLINER, Hannover - GER
- 10.45** EUROMACS update
- 11.00** INTERMACS, STS, IMACS update
- 11.15** ELEVATE Trial J. GARBADE, Bremen - GER
- 11.30** Role of MCS in ISHLT M. MEHRA, Boston - USA
- 11.45** Discussion

12.30
13.30



RETHINKING COMMON APPROACHES IN LVAD THERAPY

Niedersachsen Halle B

Industry symposium with the support of Abbott

Chairs: J. Bauersachs, Hannover - GER, A. Ruhparwar, Hannover - GER

MAIN MEETING

- 12:30** Past accomplishments and Future Opportunities of LVAD Therapy A. RUHPARWAR, Hannover - GER
- 12:40** Breaking Barriers: Addressing Gender Disparities in LVAD Therapy S. EIFERT, Leipzig - GER
- 12:50** Techniques and Considerations when Implanting LVADs in Smaller (Female) Body Types M. FECCIA, Rome - ITA
- 13:00** Implanting HeartMate 3™ LVAD in Younger, Less Sick Patients: A New Paradigm? B. MEYNS, Leuven - BEL
- 13:10** Advancing LVAD Technology: How far have we come? J.D SCHMITTO, Hannover - GER
- 13:20** What shall we take home and whom to consider for LVAD Therapy in the future? J. BAUERSACHS, Hannover - GER

13.30
15.00



BEST OUTCOMES: POST AND FUTURE OF MCS

Niedersachsen Halle B

Chairs: J. Schmitto, Hannover – GER, S. Kushwaha, Mayo, USA, N. Uriel, New York - USA, P. Leprince, Paris - FRA

MAIN MEETING

- 13.30** Multi-center retrospective outcomes analysis of 5 centers in China with a small innovative fully-magnetically suspended rotor design: BrioHealth-VAD G. MING, Beijing -CHN
- 13.40** Hemodynamics and Physiology of Durable MCS therapy D. ROSEMBAUM, Rochester - USA
- 13.55** Outcome variation through centers N. URIEL, New York - USA
- 14.10** HF-Devices: Market development in the US M. MEHRA, Boston - USA
- 14.25** Wish list for future VAD-therapy J.D. SCHMITTO, Hannover - GER
- 14.40** Discussion

15.00
15.30



COFFEE BREAK

Niedersachsen Halle A

15.30
17.00



FUTURE OF TECHNOLOGIES FOR HEART FAILURE –

Niedersachsen Halle B

Chairs: J. Bauersachs, Hannover - GER, B. Schmack, Hannover - GER, A. Zubarevic, Hannover – GER

MAIN MEETING

- 15.30** Pulsecath O. MALCHIN, Arnhem - NED
- 15.37** NuPulse V. JEEVERNANDAM, Chicago - USA
- 15.44** CorSense EMKA Medical R. GLOCKER, Aschaffenburg - GER
- 15.51** C-MIC - Berlin Heals J. MÜLLER, Berlin - GER
- 16.58** CVRX G. DOGAN, Hannover - GER
- 16.05** Corolla Y. FELD, Tel Aviv - ISR
- 16.12** ECMO to GO-Keep them mobile B. SCHMACK, Hannover - GER
- 16.19** Discussion

17.00
17.45



EUMS-MAYO CLINIC SESSION INTERNATIONAL
MARKET DEVELOPMENT

Niedersachsen Halle B

Chair: R. Tarazi, Kuwait - KWT, S. Hosseini, Tehera, IRN

MAIN MEETING

- 17.00** Exploring New Markets
- 17.15** Establishment of a National Heart Failure Network K. ALHUMOOD, Kuwait - KWT
- 17.30** Discussion

17.45
19.45



BEST ABSTRACT RAPID FIRE SESSSION

Niedersachsen Halle B

Chairs: P. Leprince, Paris - FRA, J.D Schmitto, Hannover - GER, A. El Banayosy, Oklahoma - USA, S. Kushwaha, Rochester - USA

MAIN MEETING

- 17.45** Clinical Outcomes in Patients With a Novel Fully Magnetically Levitated Left Ventricular Assist Devices : A multi-center study G. MING, Beijing - CHN
- 17.55** Management of Cardiogenic Shock with CMS devices in a Latin American Referral Hospital, clinical characteristics and outcomes M. RAMIREZ, Lima - PER
- 18.05** Utilization of Venoarterial Extracorporeal Membrane Oxygenation in Septic Cardiomyopathy: A Systematic Review of Fourteen Studies P. CHAND, Brisbane, AUS
- 18.15** Veno-arterial-ECMO as a “bridge to transplant” strategy in a center form Spain

18.25 Neurodegeneration in severe heart failure patients with and without LVAD therapy: an interdisciplinary brain metabolism neuropsychiatric and biomarker assessment

18.35 Hemodynamic performance of veno-pulmonary ecmo in a mock circulatory loop

18.45 Bedside implant of Protek Duo: initial experience in a tertiary care national referral center

18.55 Bleeding while on the HeartMate3 LVAD: when ARIES is not enough, call your platelets!

19.05 Impella Venting in VA ECMO Did Not Impact Survival and Increased Vascular Complication

19.15 Cardiorehabilitation of patients with severe heart failure after LVAD implantation: myth or reality?

19.25 Implantation of a fully magnetically levitated centrifugal-flow left ventricular assist device to a 3-year-old patient with body surface area of 0.53 m². Case report.

19.35 Pediatric program of HM3 implantation in Shumakov Center

Saturday, September 14

08.00
10.00



JOINT EUMS-MAYO CLINIC-ISMCS-ESAO-SESSION

Niedersachsen Halle B

Chairs: E. Deniz, Hannover - GER, G. Wieselthaler, Vienna – AUT

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

MAIN MEETING

10.00
10.30



COFFEE BREAK

Niedersachsen Halle A

10.30
12.30



EUMS - MAYO CLINIC SESSION | ALTERNATE HF THERAPIES

Niedersachsen Halle B

Chairs: E. Deniz, Hannover - GER

10.30 Fantastic Four

D. BERLINER, Hannover - GER

10.40 Barostimulation: when and who is benefiting the most

G. DOGAN, Hannover - GER

10.50 EpiHeart – Cell therapies

11.00 Update Stem Cell therapies for HF

11.10 Sensor Technologies

11.20 Xenotransplant

11.30 Interactive Panel Discussion

MAIN MEETING

12.30
13.00



EUMS-MAYO CLINIC CLOSING CEREMONY

Niedersachsen Halle B

Chairs: J.D. Schmitto, Hannover - GER, S. Kushwaha, Mayo, Rochester - USA, J. Bauersachs, Hannover - GER, A. El Banayosy, Oklahoma - GER

12.30 Summary

P. LEPRINCE, Paris - FRA

12.40 Awards EUMS-VAD-Academy

A. EL BANAYOSY, Oklahoma - USA
A. RUHPARWAR, Hannover - GER

13.50 Outlook EUMS 2025

P. LEPRINCE, Paris- FRA

13.00 Closing Remarks

S. KUSHWAHA, Rochester - USA
J.D SCHMITTO, Hannover - GER

MAIN MEETING

GENERAL INFORMATION

SUMMIT VENUE

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

LOGISTICAL ORGANIZATION AND REGISTRATION

Overcome

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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