



**EUMS**

Paris - Vienna - Hannover

MCS - CRM

**JOINT MEETING**

**MAYO  
CLINIC**



# **18<sup>TH</sup> 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 11<sup>th</sup> – 14<sup>th</sup>, 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" FOR VAD  
COORDINATORS

Hannover Medical School

# Tuesday, September 10

10.00  
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

1<sup>st</sup> Floor Plenary

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

Overview of the EUMS – MAYO Clinic  
Hannover VAD Academy

Welcome Address by the Course Directors

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

The Role of the VAD Coordinator: EU  
Perspective

M. BAHLIS, Hannover - GER

The Role of the VAD Coordinator: US  
Perspective

K. BENIKE, Rochester - USA

Requirements for growing a VAD Program

S. MARIANI, Monza - ITA

Caring for Ourselves and Others –  
Collaboration and Personal Growth

P. BRENNAN, Tampa - USA

Who is ICACC? An organization for all of us

A. THOMAS, Oregon - USA

Interactive Panel Discussion

VAD COORDINATORS MEETING

12.00  
13.00



## ICCAC Meets you! LUNCH

1<sup>st</sup> Floor Plenary

13.00  
15.00



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

1<sup>st</sup> Floor Plenary

Chair: S. Mariani, Monza – ITA, A. Merzah, Hannover - GER

Best optimized strategies for the  
management of Drivelines: **Prevention**  
How we do it in Hannover

K. HOMANN, Hannover - GER

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

F. MULLER, Hamburg - GER

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

A.M. OPPELHAAR, Utrecht -  
NLD

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

S. SHETTLE, Rochester - USA

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

A. SCHÖDE, Hannover - GER

Interactive Panel Discussion

VAD COORDINATORS MEETING

15.00  
16.00



HANDS ON & COFFEE BREAK

1<sup>st</sup> Floor Plenary

16.00  
17.20



SESSION 3 | INDICATIONS AND PATIENT SELECTION  
FOR VADs

1<sup>st</sup> Floor Plenary

*Chairs: G. Dogan, Hannover - GER, D. Berliner, Hannover - GER*

Welcome

*J. D. SCHMITTO, Hannover - GER*

Aktuelle Leitlinien der Herzinsuffizienz- und  
LVAD-Therapie

*D. BERLINER, Hannover - GER*

Timing und LVAD Patienten Selektion: Von  
palliativ bis aktiv

*B. SCHWEDTHELM, Hannover - GER*

Aktuelle Ergebnislage mit LVAD Systemen:  
STS Database Report, Momentum trial,  
ELEVATE-Daten

*J. D. SCHMITTO, Hannover - GER*

Postoperative Nachsorge: Stellenwert der  
Telemedizin in der Therapie der  
Herzinsuffizienz

*S. SECER, Halle - GER*

The Right patient at the Right Time with the  
Right Therapy at the Right Center  
Interactive Panel Discussion

*G. DOGAN, Hannover - GER*

*C. NAPP, Hannover - GER*

*A. ÖNER, Rostock - GER*

*H. OSSWALD, Peine - GER*

*S. SECER, Halle - GER*

*J.D. SCHMITTO, Hannover - GER*

*B. SCHWEDTHELM, Hannover - GER*

*D. BERLINER, Hannover - GER*

VAD COORDINATORS MEETING

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, J. Bauersachs, Hannover - GER*

MAIN MEETING

Welcome address EUMS-Mayo Clinic Joint Meeting

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

Welcome Address Director of Cardiac surgery, Hannover

*A. RUHPARWAR, Hannover - GER*

Welcome address President of Hannover Medical School

*M. MANN, Hannover-GER*

Introduction of the Key Note Lecturer

*S. KUSHWAHA, Rochester - USA*

Key note Lecture : Development of Artificial Hearts

*F. ARABIA, Phoenix - USA*

Special thanks and greetings to Hannover and EUMS

*L. A. AL FAILY, Iraqi Ambassador,  
Berlin - GER*

Closing remarks and Opening of the Industrial Ceremony

*J.D. SCHMITTO, Hannover - GER*

20.00



**WELCOME COCKTAILS IN THE EXHIBITION AREA**

**Niedersachsen Halle A**

Opening of the EUMS MAYO Clinic 2024 Industrial Exhibition

# Thursday, September 12

08.00  
09.20



AD COORDINATORS MEETING

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

1<sup>st</sup> Floor Plenary

*Chairs: S. Feueriegel, Hannover-GER, E. Deniz, Hannover – GER*

- |   |                                      |
|---|--------------------------------------|
| Life of Hans Veeger   | <i>H. VEEGER, Grohningem - NLD</i>   |
| 10 years with a Heartmate-3: worlds' first patient                | <i>F. MUHLERT, Hannover - GER</i>    |
| 9 years with a MVAD: the one and only                             | <i>W. LAUKART, Hannover - GER</i>    |
| 11.5 years Minimally-invasive HVAD and then Heart transplantation | <i>J. BÖCKELMANN, Hannover - GER</i> |

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*

- |  |  |
|--|--|
| Best Abstract: Results of RVAD Animal experiments                                | <i>E. DENIZ, Hannover - GER</i>          |
| Berlin Heart Excor as RVAD/BiVAD: Results  | <i>S.E BARTFAY, Gothenburg - SWE</i>     |
| How to Prevent RV failure: tips and tricks                                       | <i>J. HANKE, Hannover - GER</i>          |
| Treatment options for acute right-ventricular support as BTT                     | <i>M. VILLAVICENCIO, Rochester - USA</i> |
| Percutaneous MCS for the RV - State of the Art individualized support Discussion | <i>B. SCHMACK, Hannover - GER</i>        |

09.20  
10.20



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

1<sup>st</sup> 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

1<sup>st</sup> Floor Plenary

*Chairs: S. Feueriegel, Hannover-GER, A. Merzah, Hannover - GER*

- |  |   |
|--|---|
| The MCS-Program in Hannover                    | <i>E. DENIZ, Hannover - GER</i>         |
| Importance of the VAD coordination             | <i>A. KAJEVIC, Hannover - GER</i>       |
| VAD and rehabilitation clinic- What's special? | <i>M. POHL, Bad Fallingbostel - GER</i> |
| Outpatient Clinic                              | <i>A. GOERLER, Hannover - GER</i>       |

11.30  
12.30



**SPECIAL HANDS-ON & WETLAB**  
Presented by Abbott

1<sup>st</sup> Floor Plenary

10.30  
12.30



**PRO/CON DEBATES: EUMS-MAYO | HANNOVER 2024**

Niedersachsen Halle B

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

Key Note Lecture I: Partial Heart Transplant *T. RAJAB, Arkansas - USA*

Discussant *S. SARIKOUCH, Hannover - GER*

Key Note Lecture II: Outlook to the Future of Medical Devices *M. MEHRA, Boston - USA*

**Debate:** LVAD for INTERMACS class 4 and+

**- CON** *E. RAME, Philadelphia - USA*

**- PRO** *N. URIEL, New York - USA*

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*

*S. SARIKOUCH, Hannover - GER*

MAIN MEETING

12.30  
13.30



**PERCUTANEOUS MECHANICAL CARDIOVASCULAR SUPPORT - THE HEART TEAM, THE CLINICAL USE AND THE STUDY SITUATION**

Niedersachsen Halle B

Lunch symposium with support of Abiomed

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

Every shock is different – Optimal circulatory support with the Impella® heart pump – decision and implementation in the heart team is crucial  
The Cardiology View *C. NAPP, Hannover - GER*

Every shock is different – Optimal circulatory support with the Impella® heart pump – decision and implementation in the heart team is crucial  
The Heart Surgery View *B. SCHMACK, Hannover GER*

DanGer Shock – A landmark trial and how it might affect patient selection *R. WESTENFELD, Aachen GER*

MAIN MEETING

12.30  
13.30



**VAD COORDINATORS LUNCH WITH INTERACTIVE TALKS**  
With the support of Abbott

1<sup>st</sup> Floor Plenary



13.30  
15.10



**SESSION 5 | JOINT ICACC-EUMS-MAYO CLINIC MEETING**

**1<sup>st</sup> Floor Plenary**

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

VAD COORDINATORS  
MEETING

Right Heart Failure	<i>S. KORE, Manchester - UK</i>
Outflow graft Complications	<i>L. ROARK, Ochsner - USA</i>
Wound Case	<i>S. SHETTLE, Rochester - USA</i>
Technical Case	<i>J. HANKE, Hannover - GER</i>
Bleeding Case	<i>F. MÜLLER, Hamburg - GER</i>

13.30  
15.00



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

**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

Mitral Valve pathology post LVAD	<i>P. TANG, Rochester - USA</i>
<b>Interoperative decisions:</b>	
LVAD: with or without Mitral Valve	<i>H. AUBIN, Dusseldorf - GER</i>
LVAD: with or without Aortic Valve	<i>A. PRINZING, Frankfurt - GER</i>
LVAD: with or without Tricuspid Valve	<i>D. SCHIBILSKY, Luzern - CH</i>
Right selection of LVAD candidates and optimal timing of LVAD implantation	<i>D. BERLINER, Hannover - GER</i>
Discussion	

15.00  
15.30



**COFFEE BREAK**

**Niedersachsen Halle A**

15.10  
15.30



**COFFEE BREAK | HANDS ON & WETLAB**

**1<sup>st</sup> Floor Plenary**

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, C. Napp, Hannover - GER*

MAIN MEETING

<b>Best abstract:</b> Hemodynamic Effects of a Novel Couter-pulsatile system for Extracorporeal Membrane Oxygenation	<i>M. BASTOS, Rotterdam - NLD</i>
What device for which patients?	<i>A. EL BANAYOSY, Oklahoma - USA</i>
Left ventricle unloading improves the in-hospital survival of paediatric congenital heart disease patients supported with veno-arterial extracorporeal life support	<i>P. MEANI, Maastricht - NLD</i>
Micro-Axial pump as bridge to permanent VA	<i>C. NAPP, Hannover - GER</i>

Ascending aorta replacement at times of LVAD

*S. MOKASHI, Philadelphia - USA*

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

RH-Bypass: early or late, when and how

*T. YAĞDI, Izmir - TUR*

Discussion

16.00  
18.00



## SESSION 6 | EUMS VAD-COORDINATOR ACADEMY

1<sup>st</sup> Floor Plenary

*Chairs: S. Schettle, Rochester - USA, S. Kore, Manchester - UK*

GI bleeding a long acting solution to the immediate problem

*B. HUGI-MAYR, Bern - CHE*

Exercising with VAD

*A. WASHENKO, Burgdorf - CHE*

Cardiopsychology

*F. MÜLLER, Hamburg - GER*

Psychosocial issues in ventricular assist device implantation and management

*K. VANDERSMISSEN, Leuven - BEL*

Navigating Anticoagulation and Antiplatelet Therapy

*B. SCHNEGG, Bern - CHE*

Interactive Panel Discussion

VAD COORDINATORS MEETING

17.00  
19.00



## VAD UPDATES

Niedersachsen Halle B

*Chairs: A. El Banayosy, Oklahoma - USA, A. Popov, Hannover - GER, D. Berliner, Hannover - GER*

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

Abbott

*P. NEWMAN, Minneapolis - USA*

BerlinHeart Excor

*D. MEDART, Berlin - GER*

CorHeart 6

*K. ZHENG, Shenzhen - CHN*

CorWave

*C. RASSER, Paris - FRA*

BRIO-VAD / CH-Biomedical

*C. CHEN, Jiangsu - CHN*

Mi-VAD

*S. KUSHWAHA, Rochester - USA*

AdjuCor

*S. WILDHIRT, Munich - GER*

Cardiobionic

*K. R BALAKRISHNAN, Chennai - IND*

Pericardcheck-Biomarkers

MAIN MEETING

20.00  
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: *A. Ruhparwar, Hannover - GER, S. Schueler, Newcastle - UK*

MAIN MEETING

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

08.30  
10.30



## TAH UPDATE

Niedersachsen Halle B

Chairs: *A. Dashkevich, Leipzig - GER, H. Aubin, Dusseldorf - GER, G. Dogan, Hannover - GER, M. Özbaran, Izmir - TUR, A. Zubarevich, Hannover - GER*

MAIN MEETING

- Which patients benefit from biventricular MCS? *A. EL BANAYOSY, Oklahoma - USA*
- Carmat *R. ZAYAT, Tier - GER*
- Syncardia *A. SIMON, Tuscon - USA*
- TAH-HeartMate 6 *G. DOGAN, Hannover - GER*
- Realheart *I.-L. PERKINS, Vasteras - SWE*
- Bivacor *D. TIMMS, Houston - USA*
- The ShuttlePump - a novel pulsatile valveless total artificial heart *T. BIEREWIRTZ, Berlin - GER*
- "DuoCor", HXCoreMedical: First clinical experience *J.D. SCHMITTO, Hannover - GER*
- ReinHeart *D. GÜRISOY, Dusseldorf - GER*
- Cleveland Clinic Total Artificial Heart *J. KARIMOV, Cleveland - USA*

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, B.Schmack, Hannover, GER, B. Meyns, Leuven – BEL, C. Hagl, Munich - GER*

Current Guidelines for VAD-therapy *D. BERLINER, Hannover - GER*

EUROMACS update

INTERMACS, STS, IMACS update *P.MOHACSI, Zurich - CHE*

ELEVATE Trial *J. GARBADE, Bremen - GER*

Role of MCS in ISHLT *M. MEHRA, Boston - USA*

Discussion

MAIN MEETING

12.30  
13.30



## RETHINKING COMMON APPROACHES IN LVAD THERAPY

Industry symposium with the support of Abbott

Niedersachsen Halle B

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

Breaking Barriers: Addressing Gender Disparities in LVAD Therapy *S. EIFERT, Leipzig - GER*

Techniques and Considerations when Implanting LVADs in Smaller (Female) Body Types *M. FECCIA, Rome - ITA*

Implanting HeartMate 3™ LVAD in Younger, Less Sick Patients: A New Paradigm? *B. MEYNS, Leuven - BEL*

Advancing LVAD Technology: How far have we come? *J.D SCHMITTO, Hannover - GER*

Discussion

MAIN MEETING

13.30  
15.00



## BEST OUTCOMES: PAST AND FUTURE OF MCS

Niedersachsen Halle B

*Chairs: J. Schmitto, Hannover - GER, S. Kushwaha, Mayo, USA, P. Leprince, Paris FRA, A. Weymann, Hannover - GER*

Clinical Outcomes in Patients With a Novel Fully Magnetically Levitated Left Ventricular Assist Devices : A multi-center study *G. MING, Beijing -CHN*

Hemodynamic and Physiology of Durable MCS therapy *D. ROSEMBAUM, Rochester - USA*

Outcome variation of MCS through various centres *N. URIEL, New York - USA*

HF-Devices: Market development in the US *M. MEHRA, Boston - USA*

Wish list for future VAD-therapy *J.D. SCHMITTO, Hannover - GER*

Discussion

MAIN MEETING

15.00  
15.30



## COFFEE BREAK

Niedersachsen Halle A

15.30  
17.00



### FUTURE TECHNOLOGIES FOR HEART FAILURE

Niedersachsen Halle B

*Chairs: J. Bauersachs, Hannover - GER, B. Schmack, Hannover - GER, A. Zubarevich, Hannover - GER*

MAIN MEETING

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

17.00  
18.00



### EUMS-MAYO SESSION - INTERNATIONAL MARKET DEVELOPMENT

Niedersachsen Halle B

*Chairs: S. Hosseini, Teheran, IRN, A. Alkharaza, Kuwait - KWT*

MAIN MEETING

Exploring New Markets	S.HOSSEINI, Teheran - IRN
Establishment of a National Heart Failure Network	K. ALHUMOOD, Kuwait - KWT
<b>Best abstract:</b> Pediatric program of HM3 implantation in Shumakov Center	D. RYABTSEV, Moscow - RUS

18.00  
19.00



### 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

Implantation of a fully magnetically levitated centrifugal flow left ventricular assist device to a 3 year old patient with body surface area of 0.53m <sup>2</sup> Case report	V. BELOV, Perm - RUS
Management of Cardiogenic Shock with CMS devices in a Latin American Referral Hospital clinical characteristics and outcomes	M. RAMIREZ, Lima - PER
Veno-arterial-ECMO as a “bridge to transplant” strategy in a center form Spain	C. AGUIRRE, Valencia - ESP
Neurodegeneration in severe heart failure patients with and without LVAD therapy: an interdisciplinary brain metabolism neuropsychiatric and biomarker assessment	M. JUNGCLAUS, Hannover - GER
Hemodynamic performance of veno-pulmonary ECMO in a mock circulatory loop	P. CHAND, Brisbane - AUS

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

*E. FOMINSKIY, Milan - ITA*

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

*E. FOMINSKIY, Milan - ITA*

Impella Venting in VA ECMO did not impact  
survival and increased vascular complication

*S. AZIZ, Washington - USA*

# Saturday, September 14

08.00  
09.45



## JOINT EUMS-MAYO CLINIC-ISMCS-ESAO-SESSION

Niedersachsen Halle B

Chairs: E. Deniz, Hannover - GER, G. Wieselthaler, Vienna – AUT, A. MIRALLES, Barcelona - ESP

MAIN MEETING

- Intelligent systems for long term cardiac support K. TODA, Koshigaya - JPN
- Sensor technologies R. GLOCKER, Aschaffenburg - GER
- Biomarkers, Proteins and novel diagnostic tools J.D. SCHMITTO, Hannover – GER
- Non-invasive monitoring of LVAD patients S. SECER, Hamburg – GER
- Cardio rehabilitation of patients with severe heart failure after LVAD implantation: myth or reality? N.POGOSOVA, Moscow, RUS
- Establishment of a Regional Heart Failure - Network D.BERLINER, Hannover, GER
- Discussion

09.45  
10.15



## COFFEE BREAK

Niedersachsen Halle A

10.15  
11.45



## EUMS - MAYO – SESSION CONTINUED | ALTERNATE HF THERAPIES

Niedersachsen Halle B

Chairs: E. Deniz, Hannover – GER, D. Berliner, Hannover - GER

MAIN MEETING

- Fantastic Four D. BERLINER, Hannover - GER
- Baro stimulation: when and who is benefiting most G. DOGAN, Hannover - GER
- EpiHeart – Cell Therapies K. KRONSTROM, Turku - FIN
- Update Stem Cell therapies for HF R. ZWEIGERDT, Hannover - GER
- Interactive Panel Discussion

11.45  
12.15



## 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, A. Ruhparwar, Hannover-GER, A. Miralles, Barcelona - ESP

MAIN MEETING

- Summary P. LEPRINCE, Paris - FRA
- A. EL BANAYOSY, Oklahoma - USA
- A. RUHPARWAR, Hannover - GER
- Outlook EUMS 2025 P. LEPRINCE, Paris - FRA
- Closing Remarks S. KUSHWAHA, Rochester – USA
- J.D SCHMITTO, Hannover - GER

# 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](mailto: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](mailto:eumshousing@overcome.fr)