



EUMS

MCS - CRM

Paris - Vienna - Hannover



ISMCS

16th

**EUROPEAN MECHANICAL
CIRCULATORY SUPPORT SUMMIT**

**INTERNATIONAL SOCIETY FOR
MECHANICAL CIRCULATORY SUPPORT**

Multidisciplinary Approach
Heart Failure - Device Therapies

SAVE THE DATE

DECEMBER

1 - 4

2021

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Schloss Herrenhausen

HANNOVER GERMANY

IN COLLABORATION WITH

Artificial
Organs



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Dear Colleagues and friends,

We are pleased to announce you this year EUMS and ISMCS societies will hold a joint scientific conference with the common goal to discuss and share knowledge on mechanical circulatory support.

The conference will take place in Hannover (Germany) from December 1 to 4, 2021.

We look forward to welcoming you in Hannover. Yours faithfully,

The scientific committee

SCIENTIFIC COMMITTEE

- A. El Banayosy, Oklahoma City - USA
- L. Fresiello, Leuven - BEL
- A. Haverich, Hannover - GER
- J. Karimov, Cleveland - USA
- G. Laufer, Vienna - AUT
- A. Loforte, Bologna - ITA
- F. Moscato, Vienna - ITA
- P. Leprince, Paris - FRA
- T. Schoeglhofer, Vienna - AUT
- J. D. Schmitto, Hannover - GER
- M. Slepian, Tucson - USA
- G. Tansley, Gold Coast - AUS
- D. Zimpfer, Vienna - AUT

LOCAL ORGANIZATION COMMITTEE

- J. Bauersachs, Hannover - GER
- D. Berliner, Hannover - GER
- E. Deniz, Hannover - GER
- G. Dogan, Hannover - GER
- J. Hanke, Hannover - GER
- K. Homann, Hannover - GER
- T. Li, Hannover - GER
- A. S. Merzah, Hannover - GER
- F. S. Merzah, Hannover - GER
- E. Rausch, Hannover - GER
- K. Roske, Hannover - GER
- A. Schöde, Hannover - GER

LOGISTICS ORGANISATION AND PARTNERSHIP

OVERCOME
 13-15, Rue des Sablons 75116 Paris, FRANCE
 Ph: +33 (0)1 40 88 97 97
 Fax: +33 (0)1 43 59 76 07
 E-mail: eums@overcome.fr

SCHLOSS HERRENHAUSEN

Veranstaltungs und Betriebs GmbH
 Herrenhauser StraBe 5 - 30419 HANNOVER

WEDNESDAY, DECEMBER 1

	AUDITORIUM Lower level	ROOM 1 ground floor	ROOM 2 ground floor	ROOM 3 ground floor	ROOM 4 ground floor	Hannover Veterinarian School of Medicine*	BOARDROOM upper level		
09:00 10:00						08.00 - 12.00 MCS-Hands- on-course	ISMCS Executive meeting		
10:30 12:30					ISMCS Extended board				
13:00 14:30					Session VAD 1: Role of the VAD		ISMCS General assembly		
14:30 14:45	Coffee Break								
14:45 15:45	Cytosorbents symposium	Trainings Village	Trainings Village	VAD Village	Session VAD 2: Technical supervision				
16:00 17:00	Joint EUMS-ISMCS- Opening Ceremony								
17:00 18:30	EUMS-ISMCS award and Giants of MCS								
18:30 21:00	Welcome cocktail reception Opening of the Industrial Exhibition								

THURSDAY DECEMBER 2

	AUDITORIUM Lower level	ROOM 1 ground floor	ROOM 2 ground floor	ROOM 3 ground floor	ROOM 4 ground floor	LECTURER'S ROOM Lower level		
08:30 10:00	MCS under the hood	Trainings Village	Trainings Village	VAD Village				
10:00	Coffee Break			VAD Village	Session 3: Driveline Infection / Patient Management	Echo-course on VAD-patients		
10:00 12:30	Pro/Cons Debates ISMCS	Trainings Village	Trainings Village	VAD Village				
12:30 13:30	Carmat symposium							
13:30 15:00	Recovery				14h30 - 15h00 «Which device is currently best for my patient?»			Echo-course on VAD-patients
15:00 15:30	Coffee Break		Demonstration of the «Mock Loop» and technical fundamentals		13.30 - 16.00 Patient meeting German session			
15:30 17:00	Short-term support	Trainings Village	Upgrade HVAD to HM III ventricular assist device on a pig's heart	VAD Village				
17:30 18:30	Future Technologies		17h00 - 17h30 Trainings- Village					
19:30	Congress Dinner							

FRIDAY DECEMBER 3

	AUDITORIUM Lower level	ROOM 1 ground floor	ROOM 2 ground floor	ROOM 3 ground floor	ROOM 4 ground floor	LECTURER'S ROOM Lower level
08:00 09:00					Joint-EUMSKF0311 Meeting	
09:00 10:30	Acute session: short term	Trainings Village	Trainings Village Upgrade HVAD to HM III ventricular assist device on a pig's heart	VAD Village	Joint-EUMS Perfusionist Meeting	Echo-course on VAD-patients
10:30 11:00	Coffee Break					
11:00 13:00	RVAD and BIVAD	Trainings Village	Trainings Village Upgrade HVAD to HM III ventricular assist device on a pig's heart	VAD Village	11:00 - 12:30 EUMS/IMCMS and EACTAIC Perioperative management	
13:00 14:00	Abiomed Symposium					
14:00 15:00	TAH update				Joint-EUMS ESAO-Meeting and EACTAIC	
15:00 15:30	Coffee Break					
15:30 17:00	Market development and Future of MCS	Trainings Village	Trainings Village Upgrade HVAD to HM III ventricular assist device on a pig's heart	VAD Village	Rapid-Fire Abstract Session	
17:00 19:00	VAD updates					

SATURDAY DECEMBER 4

	AUDITORIUM Lower level
09:00 10:30	EUMS-ISMCS ESAO
10:30 11:00	Coffee Break
11:00 12:30	What is the next step?
12:30 13:30	EUMS-Closing ceremony

■ WEDNESDAY, DECEMBER 1, 2021

13:30 CET
15:30

HEMOADSORPTION IN HIGH-RISK CARDIAC SURGERY PATIENTS

With the support of Cytosorbents

Chairs: L.C. Napp, Hannover - GER, J. Schmitto, Hannover - GER

AUDITORIUM

- Endocarditis and aortic dissection *D. Wendt, Essen - GER*
- High urgency operation under Ticagrelor and Rivaroxaban *S. Geidel, Hamburg - GER*

16:00 CET
17:00

JOINT EUMS-ISMCS OPENING CEREMONY

Chairs: El Banayosy, Oklahoma City – USA, A. Loforte, Bologna – ITA, P. Leprince, Paris – FRA, J. Schmitto, Hannover – GER

AUDITORIUM

- EUMS-ISMCS Joint Meeting *P. Leprince, Paris – FRA, A. Loforte, Bologna - ITA*
M. Slepian, Tucson - USA
- Welcome address President of Hannover Medical School *M. Manns, Hannover - GER*
- Welcome address Chief of Cardiac Surgery *A. Haverich, Hannover - GER*
- ISMCS President key lecture *A. El Banayosy, Oklahoma City - USA*
- EUMS President key lecture *J. Schmitto, Hannover - GER*

17:00 CET
18:30

EUMS-ISMCS AWARD AND GIANTS OF MCS

Chairs: P. Leprince, Paris – FRA, U. Steinseifer, Aachen – GER, V. Tchantchaleishvili, Philadelphia – USA

AUDITORIUM

- Hemolytic footprint of rotodynamic blood pumps *A. Escher, Vienna - AUT*
- Artificial pulse: effect on pulse washout and thrombogenicity of the HeartMate 3
D. De Zelicourt, Zurich - CHE
- Heart Hackathon – An international student team competition developing the next generation artificial hearts
G. Shaun, Clayton - AUT
- Development of Heart replacement therapy *M. Yacoub, Aswan - EGY*
- History of MCS in Europe *G. Wiesenthaler, Vienna - AUT*

18:30 CET
21:00

WELCOME COCKTAIL IN THE EXHIBITION AREA

www.congresseums.com

■ THURSDAY, DECEMBER 2, 2021

08:30 CET
10:00

MCS UNDER THE HOOD

Chairs: L. Friesiello, Leuven – BEL, I. Netuka, Prague – CZE, D. Zimpfer, Vienna – AUT

AUDITORIUM

- Intelligent systems for long term cardiac monitoring *S. Dual, Stanford - USA*
- Hemocompatibility in MCS - The Platelet Perspective 2021 and Beyond *M. Slepian, Tucson - USA*
- Proteins, Biomarkers and New Devices *C. Bartoli, Philadelphia - USA*
- Non-invasive monitoring of HeartMate 3 LVAD patients *T. Schlöglhofer, Vienna - AUT*
- Feasibility check of an acoustic analysis protocol for early detection of adverse events in patients with left ventricular assist device *S. Boschi, Bologna - ITA*
- HFpEF devices *M. Granegger, Vienna - AUT*
- Results from the Euromacs registry *P. Mohacsi, Graz - AUT*
- EUROMACS and FranceMACS Cooperation to enhance possibilities *T. De By, Windsor - GBR*

➤ Discussions

Coffee break in the exhibitors' area

10:30 CET
12:00

PRO/CONS DEBATES - EUMS / ISMCS

Chairs: A. Haverich, Hannover – GER, F. Moscato, Vienna – AUT, G. Wieselthaler, San Francisco – FRA

AUDITORIUM

- Debate 1
 - Early VAD in chronic heart failure – PRO *D. Horstmanshof, Oklahoma City - USA*
 - Early VAD in chronic heart failure – CON *J. Bauersachs, Hannover - GER*
- Debate 2
 - Impella not ECMO *G. Lebreton, Paris - FRA*
 - ECMO not Impella? *N. Kapur, Boston - USA*
- Debate 3
 - TAH *I. Knezevicz, Ljubljana - SVN*
 - HM6 or Centrifugal TAH *M. Strueber, Memphis - USA*

12:00 CET
12:30

SIMULATION AND MODELLING

AUDITORIUM

- An in vitro model to study suction events in ventricular assist device patients: validation with clinical data *M. Rocchi, Leuven - BEL*
- Machine learning based blade design optimisation of the NeoVAD *L. Nissim, Bath - GBR*
- An extended equivalent stress formulation for numerical flow analyses in ventricular assist devices *B. Torner, Rostock - GER*

12:30 CET
13:30

A NOVEL THERAPY FOR BIVENTRICULAR HF PATIENTS

With the support of Carmat

Chairs: P. Leprince, Paris – FRA, J. Schmitto, Hannover – GER

AUDITORIUM

- Which patients can benefit from biventricular MCS? (and what's the optimal timing) *A. El Banayosy, Oklahoma City - USA*
- Aeon, the physiologic heart replacement therapy *P. Jansen, Carmat*
- Case study 1: The perfect timing for implantation *M. Wilbring, Dresden - GER*
- Case study 2: Aeson implantation after 6 years of LVAD support *G. Dogan, Hannover - GER*
- Case study 3: Compact device fits in small patients *M. Slaughter, Louisville - USA*

■ THURSDAY, DECEMBER 2, 2021

13:30 CET
15:00

RECOVERY

AUDITORIUM

Chairs: E. Birks, Louisville – USA, G. Laufer, Vienna – AUT, M. Morshuis, Bad Oeynhausen – GER

- Update recovery: actual status, knowledge and future outlook S. Drakos, Salt Lake City - USA
J. Mulzer, Berlin - GER
- Weaning protocol R. Schramm, Bad Oeynhausen - GER
- Cardiac Recovery in LVAD patients: Oeynhausen experience D. Burkhoff, New York - USA
- Biomechanics of recovery J. Müller, Berlin - GER
- Future outlook: relevance of electrical micro-current in recovery J. Berg, Lund - SWE
- Physiology of LV long axis shortening J. Hupe, Hannover - GER
- 18F-FDG PET/CT analyses in patients with left ventricular assist devices – longitudinal vascular burden of inflammation and impact on cerebrovascular events

➤ Discussions

Coffee break in the exhibitors' area

15:30 CET
17:00

SHORT-TERM SUPPORT

AUDITORIUM

Chairs: A. El Banayosy, Oklahoma City – USA, J. Hanke, Hannover – GER, J. Karimov, Cleveland – USA

- Transition from ECLS to durable MCS: when and how? A. Loforte, Bologna - ITA
- Assessing the right ventricle on VA-ECMO D. Donker, Utrecht - NLD
- De-escalate and ambulate: from ECMO to Impella C. Napp, Hannover - GER
- Is surgical approach using an external ventricular assist device better than ECMO in refractory cardiogenic shock? G. Calado Ribeiro, Campinas - BRE
- Experience from short - to longterm tx in Middle East F. Khaliel, Riyadh - SAU
- Continuous flow BVAD or EXCOR BVAD for deep shock patients C. Hagl, Munich - GER
- Has short-term mechanical circulatory support an impact on post-heart transplant vasoplegia? F. Lopez Valdiviezo, Barcelona - ESP

➤ Discussions

17:00 CET
18:30

FUTURE TECHNOLOGIES I

AUDITORIUM

Chairs: J. Bauersachs, Hannover – GER, G. Lebreton, Paris – FRA, U. Steinseifer, Aachen – GER

- Impella 5.5 and BTR: update session T. Siess, Aachen, Abiomed - GE
- Cardiobridge T. Walker, Hechingen - GER
- Procyrion J. Heuring, Houston - USA
- NuPulse V. Jeevernandam, Chicago - USA
- Syntach K. Solem, Lund - SWE
- EMKA Medical R. Glocker, Aschaffenburg - GER
- Corolla Y. Feld, Tel Aviv - ISR
- Berlin Health Cardiac Microcurrent Therapy C-MIC P. Göttel, Berlin - GER
- Pulsecath O. Malchin, Arnhem - NED

CONGRESS DINNER AT THE «DER GARTENSAAL» RESTAURANT

FRIDAY, DECEMBER 3, 2021

09:00 CET
10:30

ACUTE SESSION: SHORT TERM

AUDITORIUM

Chairs: P. Leprince, Paris – FRA, R. Lorusso, Maastricht – NLD, A. Loforte, Bologna – ITA, B. Kuban, Cleveland – USA

- What device for which patients? A. El Banayosy, Oklahoma City - USA
- Left ventricle unloading improves the in-hospital survival of pediatric congenital heart disease patients supported with veno-arterial extracorporeal life support P. Meani, Maastricht - NLD
- Refractory CS: from last 3CT meeting A. Mebazza, Paris - FRA
- Covid and short term support: what did we learn? A. Combes, Paris - FRA
- Other etiologies than AMI and post cardiectomy G. Lebreton, Paris - FRA
- Microaxial support after orthotopic heart transplantation C. Pritting, Philadelphia - USA

Coffee break in the exhibitors' area

11:00 CET
13:00

RVAD AND BVAD

AUDITORIUM

Chairs: A. Loforte, Bologna – ITA, E. Potapov, Berlin – GER, J. Riebandt, Vienna – AUT

- Key note lecture: the use of isolated RVADs E. Rame, Philadelphia - USA
- The failing RV in the setting of LVAD O. Soliman, Galway - IRL
- Clinical experiences with (oxy) RVADs R. Lorusso, Maastricht - NLD
- RVAD in pulmonary hypertension: experimental and preliminary clinical experience T. Verbelen, Leuven - BEL
- Evolution of continuous flow BVAD / continuous flow TAH I. Netuka, Prague - CZE
- Combination of pulsatile and continuous flow devices in challenging cases - proof of concept J. Garbade, Bremen - GER
- Pulsatile RVAD: from short term to permanent pulsatile VAD A. Ruhparwar, Essen - GER
- Universal Ventricular Assist device (UVAD) J. Karimov, Cleveland - USA
- The ShuttlePump - a novel pulsatile valveless total artificial heart T. Bierewirtz, Berlin - GER

➤ Discussions

13:00 CET
14:00

LUNCH SYMPOSIUM

With the support of Abiomed

14:00 CET
15:00

TAH UPDATE

AUDITORIUM

Chairs: G. Dogan, Hannover – GER, M. Slepian, Tucson – USA, D. Wiedemann, Vienna – AUS

- Carmat P. Leprince, Paris - FRA
- Syncardia M. Slepian, Tucson - USA
- Real heart I.-L. Perkins, Västerås, Real Heart - SWE
- Bivacor D. Timms, Houston, Bivacor - USA
- Cleveland Clinic Total Artificial Heart J. Karimov, Cleveland - USA
- Biological TAH: padua project G. Gerosa, Padua - ITA

Coffee break in the exhibitors' area

15:30 CET
17:00

MARKET DEVELOPMENT AND FUTURE OF MCS

AUDITORIUM

Chairs: P. Leprince, Paris – FRA, J. Long, Oklahoma City – USA, J. Schmitto, Hannover – GER, U. Steinseifer, Aachen – GER, N. Uriel, New York – USA

- Market development J. Long, Oklahoma City - USA
- Outcome variation through centers N. Uriel, New York - USA
- Is there a sex gap in long-term outcomes of comparable patients supported with left ventricular assist devices? T. Li, Hannover - GER
- Impact of device withdrawal - the good, the bad and the ugly M. Slepian, Tucson - USA
- Markers of neutrophil extracellular traps (NETs) in patients with left ventricular assist device – a prognostic factor for cerebrovascular events? M. Gabriel, Hannover - GER

17:00 CET
19:00

VAD UPDATES

■ SATURDAY, DECEMBER 4, 2021

09:00 CET
10:30

EUMS-ISMCS-ESAO

AUDITORIUM

Chairs: U. Steinseifer, Aachen – GER, S. Jacobs, Leuven – BEL, M. Slepian, Tucson – USA

- HEMO compatibility the Big Picture : now and in the future *M. Slepian, Tucson - USA*
- Visualize hemolysis with ghost cells – a feasibility study for mechanical hemolysis detection *B. Schuermann, Aachen - GER*
- Key note lecture: on control strategies *H. Schima, Vienna - AUS*
- Hemodynamic limitations and challenges in LVAD technology *L. Fresiello, Leuven - BEL*
- 3D-planing of complex operations *S. Sonntag, Munich - GER*
- Experiences with the HeartMate 3 modular driveline cable and driveline exchange *A. S. Merzah, Hannover - GER*
- Correlation of driveline features and infection in left ventricular assist devices: meta-analysis and experimental tests *T. Schlöglhofer, Vienna - AUT*

➤ Discussions

Coffee break in the exhibitors' area

11:00 CET
12:30

WHAT IS THE NEXT STEP?

AUDITORIUM

Chairs: E. Rame, Philadelphia – USA, M. Slepian, Tucson – USA, G. Laufer, Vienna – AUT

- Keynote lecture: what we expect from the future? *J. Schmitto, Hannover - GER*
- Xenotransplantation: Where we are today? *A. Haverich, Hannover - GER*
- How far can we go with miniaturization? *U. Steinseifer, Aachen - GER*
- Microembolic signal monitoring in patients with HeartMate 3 and HeartWare *K.K. Ravenberg, Hannover - GER*
- Robotic left ventricular assist device implantation *Z. Khalpey Tucson - USA*
- Mechanical circulatory support for HFpEF *B. Kuban, Cleveland - USA*
- A new algorithm for anticoagulation management with the HearMate 3F *Consolo, Milano - ITA*

➤ Discussions

12:30 CET
13:30

EUMS-ISMCS CLOSING CEREMONY

AUDITORIUM

Chairs: A. El Banayosy, Oklahoma City – USA, A. Loforte, Bologna – ITA, J. Schmitto, Hannover – GER, M. Slepian, Tucson – USA

- Awards *P. Leprince, Paris - FRA*
- Presentation of EUMS 2022 (Paris, France) *A. El Banayosy, Oklahoma City - USA*
- Presentation of ISMCS 2022 (USA) *J. Schmitto, Hannover - GER*
- Closing ceremony

PARALLEL ROOMS

■ WEDNESDAY, DECEMBER 1, 2021

09:00 CET
10:00

ISMCS EXECUTIVE MEETING

BOARDROOM

10:30 CET
12:30

ISMCS EXTENDED BOARD

BOARDROOM

13:30 CET
14:30

ISMCS GENERAL ASSEMBLY

BOARDROOM

13:00 CET
14:00

VAD Coordinator meeting

Role of the VAD Coordinator and management

Chairs: S. Mariani, Maastricht – BEL, A. Schöde, Hannover – GER

ROOM 4

- The Role of the VAD Coordinator: US Perspective
- The Role of the VAD Coordinator: EU Perspective
- Anticoagulation Practices in LVAD Patients
- Special patients - special databases

*E. Davis, Utah - USA
S. Boschi, Bologna - ITA
F. Müller, Homburg - GER
S. Fischer, Hannover - GER*

14:45 CET
15:45

VAD Coordinator meeting

Technical supervision in times of COVID-19

Chairs: E. Davis, Utah – USA, T. Schlöglhofer, Vienna – AUT

ROOM 4

- Enhanced technical patient management: logfiles, acoustic analysis and more *F. Kaufmann, Berlin - GER*
- Telemonitoring VAD patients COVID-19 *V. Lauenroth, Bad Oeynhausen - GER*
- "Patients first" - digital LVAD patient and first responder engagement software *J. Hajj, Charleston - USA*

PARALLEL ROOMS

■ THURSDAY, DECEMBER 2, 2021

08:30 CET
14:30

EUMS TRAININGS – VILLAGE

ROOM 1&2

08:30 CET
18:30

VAD VILLAGE

ROOM 3

10:00 CET
12:30

ECHO-COURSE ON VAD-PATIENTS

LECTURER'S
ROOM

10:00 CET
12:30

**VAD Coordinator meeting
Driveline Infection /Patient Management**

Chairs: H. Niehaus, Hannover – GER, F. Müller, Homburg – GER

- Driveline Infections: Surgical remediation and alternatives A. Schöde - K.Homann, Hannover - GER
L. Trendl, Bad Rothenfelde - GER
- Driveline management with cold plasma therapy K. Vandersmissen, Leuven - BEL
- Cardiac Rehabilitation of LVAD patients S. Kore, Manchester - GBR
- Staying Active on an LVAD A.-M. Oppelaar, Utrecht - NLD
- Palliative Care in LVAD patients H. Rotering, Münster - GER
- Treatment of biofilm-infested implants A tissue- saving approach F. Fatteicher - GER
- Alternative ways of carrying backpacks for VAD patients

ROOM 4

13:30 CET
15:00

ECHO-COURSE ON VAD-PATIENTS

LECTURER'S
ROOM

PARALLEL ROOMS

13:30 CET
16:00

VAD-Patient-Meeting

ROOM 4

- Welcome and overview *J. Schmitto, Hannover - GER*
- My >5 years with the MVADR. *Laukart, Hannover - GER*
- >7 years with Heartmate 3 - report of the worldwide first HM3-patient *K. Müller, Hannover - GER*
- Almost 10 years support with HVAD *J. Böckelmann, Hannover - GER*
- Outpatient management *H. Niehaus, Hannover - GER*
- Staying Active on an LVAD *U. Tegtbur, Hannover - GER*
- Cardiac Rehabilitation of LVAD patients *S. Brunner, Bad Fallingbostal - GER*
- Alternative ways of carrying backpacks for VAD patients *F. Fatteicher - GER*

14:30 CET
17:30

EUMS Trainings – Village

ROOM 2

Upgrade HVAD to HM III ventricular assist device on a pig's heart

- Greeting and introduction *J. Schmitto, Hannover - GER*
- Which device is currently best for my patient? *J. Hanke, Hannover - GER*
- Demonstration of the "Mock Loop" and technical fundamentals *E. Deniz, Hannover - GER*
- Hands-on course "Upgrade HVAD to HM III ventricular assist device on a pig's heart"
J. Schmitto, G. Dogan, J. Hanke, E. Deniz, A. S. Merzah, T. Li, Hannover - GER
- Closure *J. Schmitto, Hannover - GER*

PARALLEL ROOMS

■ FRIDAY, DECEMBER 3, 2021

08:00 CET
09:00

Joint-EUMS-KF0311-Meeting

ROOM
4

09:00 CET
10:30

Echo-course on VAD-patients

LECTURER'S
ROOM

09:00 CET
17:30

EUMS TRAININGS – VILLAGE

Upgrade HVAD to HM III ventricular assist device on a pig's heart

ROOM 2

09:00 CET
17:30

VAD VILLAGE

ROOM 4

09:00 CET
10:30

Joint session EUMS-Perfusionist meeting

ROOM 4

Chairs: J. Bauersachs, Hannover – GER, S. Cebotari, Hannover – GER

- RNA-based therapies for heart failure *T. Thum, Hannover - GER*
- Molecular imaging of the failing heart and device-related complications *F.M. Bengel, Hannover - GER*
- Cell-therapy for pulmonary arterial hypertension and heart failure alternativ *U. Martin, Hannover - GER*
- Ex-vivo cardiac surgery using the OCS-system *A. Martens, Hannover - GER*
- Protein based therapies for myocardial infarction *K.C. Wollert, Hannover - GER*
- Iron deficiency aggravates heart failure *T. Kempf, Hannover - GER*
- Overview of existing large animal models in Hannover *T.Meyer, Hannover - GER*

11:00 CET
12:30

Joint session EUMS/ISMCS and EACTAIC

Perioperative management of ventricular assist devices

ROOM 4

Chairs: N. Marczin, Harefield – GBR, R. Schramm, Bad Oeynhausen – GER

- Welcome address *J. Schmitto, Hannover - GER*
- Preoperative optimization of the patients scheduled for LVAD implantation *C. Stoppe, Würzburg - GER*
- Surgical implantation techniques and recommendations *J. Hanke, Hannover - GER*
- Coagulation disorders prior to LVAD implantation *H. Berg Ravn, Odense - DEN*
- Intraoperative hemodynamic management *N. Marczin, Harefield - GBR*
- Vasoplegia after LVAD implantation *E. de Waal, Utrecht - NLD*
- Strategies for early postoperative recovery *E. Tschernko, Vienna - AUT*

PARALLEL ROOMS

14:00 CET
15:00

Joint EUMS-ESAO Meeting

ROOM 4

15:30 CET
17:00

Rapid-fire abstracts session

ROOM 4

PARALLEL ROOMS

■ SATURDAY, DECEMBER 4, 2021

13:30 CET
14:15

ISMCS STRATEGY MEETING

BOARDROOM

■ GENERAL INFORMATION

CONGRESS VENUE

SCHLOSS HERRENHAUSEN: Veranstaltungen und Betriebs GmbH,
Herrenhauser Straße 5 – 30419 HANNOVER
Ph.: +49 511 763744-0

LOGISTICAL ORGANIZATION AND REGISTRATION

OVERCOME: 13-15, rue des Sablons – 75116 PARIS, France
Ph: +33(0)1 40 88 97 97 - Fax: +33 (0)1 43 59 76 07 - E-mail: eums@overcome.fr

REGISTRATION

	Early registration until Nov. 1, 2021	Late registration from Nov. 2, 2021 and on-site
Physician / Engineer	450 €	550 €
Nurse/Perfusionist/Resident	250 €	
Virtual fee – all conferences	300 €	
Daily virtual fee	100 €	
Congress Dinner	100 €	

The registration fee includes:

Access to the scientific sessions and the exhibition, daily breaks and lunches as well as Congress documents.

Cancellation Policy:

To request a refund, participants must return their registration receipt with a written request to Overcome, before October 29, 2021.

There will be a cancellation fee of 60.00 (VAT Incl.). No refund will be possible after this date.

The closing date for individual registration is November 25, 2021. After this date registration will be only accepted on site.

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 company and or third party reservations, please send your request to :

OVERCOME – HOUSING DEPARTMENT

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

e-mail : eumshousing@overcome.fr

EXHIBITION

A large exhibition will take place in the heart of the event, hosting industry partners.

TRANSPORTATION

  16th European Mechanical Circulatory support Summit” 37795AF valid from 24/11/2021 to 11/12/2021
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