



EUMS

MCS - CRM

Paris - Vienna - Hannover

15<sup>th</sup>

**EUROPEAN MECHANICAL  
CIRCULATORY  
SUPPORT SUMMIT**

Multidisciplinary Approach  
Heart Failure - Device Therapies

NOVEMBER 30

**VIRTUAL EDITION**

DECEMBER 04



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PRELIMINARY PROGRAMME

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# 15<sup>th</sup> EUROPEAN MECHANICAL CIRCULATORY SUPPORT SUMMIT

Multidisciplinary Approach:  
Heart Failure - Device Therapies

Dear Colleagues, dear Friends,

Due to the pandemic situation, we had to rethink our organization for EUMS 2020. Since the initial proposal of a hybrid meeting will not be possible in December, we had 2 possibilities:

- 3 days of fully dematerialized meeting
- Define a fully different virtual format to make it more attractive and more interaction designed.

Our group is very happy to announce you the EUMS WEEK – November 30<sup>th</sup> to December 4<sup>th</sup> – with 6 hot topics virtuals sessions on MCS from 6 p.m. to 8 p.m. Monday to Wednesday, 5 p.m. to 8 p.m. on Thursday and 4 p.m. to 8 p.m. on Friday..

As usual, interaction will be the corner stone of the session with 2-3 short presentations around 1 topic followed by an interactive discussion with international KOL.

Industry update will be included in the session when related to the topic and a full update session will be organized for the others.

Friday we'll give the chance to our young colleagues to share and discuss debated clinical cases and the best abstracts will be selected for short interactive discussion.

Finally, industrial symposia will be organized before the sessions. After one year of very few event dedicated to this field, we hope that this format will help our community to interact and work in the best condition we can offer in this context.

Of course, Hannover meeting will happen in 2021. Moreover, between EUMS week next December and EUMS 2021, we will organize other regular appointments to keep the relationship ongoing and our field to progress.

Talk to you soon.

All the best.

***The Scientific committee***

## **SCIENTIFIC COMMITTEE**

A. EL BANAYOSY, Oklahoma City - USA  
P. LEPRINCE, Paris - FRA  
J. SCHMITTO, Hannover - GER  
D. ZIMPFER, Vienna - AUT

## **LOGISTICS ORGANISATION AND PARTNERSHIP**

OVERCOME  
13-15, Rue des Sablons 75116 Paris, FRANCE  
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E-mail: eums@overcome.fr

## ■ MONDAY, NOVEMBER 30, 2020

06:00  
08:10 PM

### CARDIOGENIC SHOCK AND SHORT TERM SUPPORT

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

**Panelists:** *J. Bauersachs, Hannover – GER, A. El Banayosy, Oklahoma City – USA, E. Rame, Philadelphia – USA, M. Slaughter, Louisville – USA*

- Cardiogenic shock: new classification highlighting clinical trial *A. Mebazza, Paris – FRA*
- BTB with ECMO: French registry *B. Levy, Nancy – FRA*
- Discussion – First discussant *J. Bauersachs, Hannover – GER*
- Impella in AMI *C. Napp, Hannover – GER*
- Hube and spoke organization and results *A. El Banayosy, Oklahoma City – USA*
- Discussion - First discussant *M. Slaughter, Louisville – USA*
- Hemodynamic deterioration on the cardiac transplant waiting list :  
risk and benefit of ECMO strategy *G. Coutance, Paris – FRA*
- Modification on the UNOS cardiac graft allocation system: role of ECMO  
and its impact on heart transplantation programs and outcome *M. Slaughter, Louisville – USA*
- Discussion - First discussant *E. Rame, Philadelphia – USA*
- ECMELLA 2.0 single arterial access – concept and results *E. Potapov, Berlin – GER*
- Update on miniaturized temporary percutaneous LVAD *E. Rame, Philadelphia – USA*
- ECMO update *M. Strüber, Newark – USA*
- Discussion - First discussant *A. El Banayosy, Oklahoma City – USA*

## ■ TUESDAY, DECEMBER 1, 2020

05:15  
05:45 PM

### EXPLORING NEW HORIZONS! Workshop with the support of Berlin Heart

In this workshop we show possibilities in the context of therapy with terminal heart failure in adults by presenting current data and case studies. Which new paths can be taken with the mobile driving system? First experiences and prospects.

06:00  
08:10 PM

### TAH AND BIVAD

**Chairs:** *A. El Banayosy, Oklahoma City – USA, D. Zimpfer, Vienna – AUT*

**Panelists:** *F. Arabia, Los Angeles – USA, G. Gerosa, Padua – IT, G. Laufer, Vienna – AUT, Lavee, Tel Aviv – IL, S. Marasco, Melbourne – AUSI, Netuka, Prague – CZE*

- Is there still a need for TAH/BIVAD? *I. Knesevicz, Ljubliana – SLO*
- Outcome of Syncardia TAH implantation in ECMO patients *P-E. Noly, Montréal – CAN*
- Carmat: Initial European experience *Y. Pia, Nur-Sultan – KZK*

#### ➤ Discussion

- Debate:
  - BI-Levitronix is my BIVAD of choice *A. Tatoes, Oak Lawn – USA*
  - Pulsatile VADs are my BIVAD of choice *A. Ruhparwar Essen – GER*
- Challenges and technical limitations using CF pumps as BIVAD/TAH *J. Schmitto, Hannover – GER*

#### ➤ Discussion

- Update on new TAH
  - SYNCARDIA *M. Slepian, Tucson – USA*
  - REALHEART *A. Najjar*
  - BIVACOR Design Features of the BiVACOR Rotary Total Artificial Heart *N. Greatrex, Cerritos – USA*
  - REINHEART *G. Dogan, Hannover – GER*
  - SMARTHEART - Continuous-Flow Total Artificial Heart: Cleveland Clinic Technology Update *J. Karimov, Cleveland – USA*

## ■ WEDNESDAY, DECEMBER 2, 2020

06:00  
08:00 PM

### MCS AND INFECTION

**Chairs:** *A. El Banayosy, Oklahoma City – USA, J. Schmitto, Hannover – GER*

**Panelists:** *S. Aslam, San Diego – USA, C. Fegbeutel, Hannover – GER, R. Hooker, Oklahoma City – USA, J. Kobashigawa, Los Angeles – USA, P. Leprince, Paris – FRA, J. Long, Oklahoma City – USA, F. Ramjankhan, Den Dolder – NLD, D. Zimpfer, Vienna – AUT*

- Clinical scenario *R. Hooker, Oklahoma City – USA*
- Scope in the current era of small devices and antimicrobial management.  
Infectious disease point of view *S. Aslam, San Diego – USA*

#### ➤ Discussion

- Management of infected driveline: prevention and treatment *J. Hanke, Hannover – GER*
- Overview on Surgical management. *D. Zimpfer, Vienna – AUT*
- Transplanting MCS infected patients: outcome *J. Kobashigawa, Los Angeles – USA*

#### ➤ Discussion

### NEW TECHNOLOGIES 1

- Priorities requirement for new devices: clinician point of view *J. Long, Oklahoma City – USA*
- ABBOTT - Keeping the Momentum going: Observations with the HeartMate 3 from the Intermacs Registry  
*R. L. Kormos – USA*
- MEDTRONIC - Industry update
- EVAHEART: DCT inflow technology, clinical advantages, outcomes and future outlook  
*T. Motomura, Houston – USA*

## ■ THURSDAY, DECEMBER 3, 2020

05:00  
06:00 PM

### **MCS STRATEGIES IN 2020 – STATUS QUO** Symposium with the support of Abiomed

**Chair:** *J. Schmitto, Hannover – GER*

- ECpella – When & how? *A. Bernhardt, Hamburg – GER*
- Bridge to new strategies *P. Akhyari, Düsseldorf – GER*
- ECpella in special indications *J. Belohlávek, Prague – CZE*

06:05  
08:05 PM

### **LVAD IN LESS SICK PATIENTS: ARE WE READY FOR ROADMAP 2?**

**Chairs:** *G. Laufer, Vienna – AUT, J. Long, Oklahoma – USA*

**Panel discussion (road map investigators):** *Y. Barac, Tel Aviv – ISR, G. Baudry, Lyon – FRA, M. Crespo, La Coruna – ESP, D. Horstmanshof, Oklahoma City – USA, G. Lebreton, Paris – FRA, P. Mohacsi, Zurich-Basel – SUI, E. Potapov, Berlin – GER, R. Starling, Cleveland – USA, N. Uriel, New York – USA*

### **NEW TECHNOLOGIES 2**

- Engineering point of view on requirements for new devices? *M. Granegger, Vienna – AUT*
- ABBOTT - Opportunities for enhancing outcomes with HeartMate 3 in small patients  
*M. Muller - NLD - BERLIN HEART*
- BERLIN HEART - EXCOR® Active - Winner of the HORIZON IMPACT AWARD 2020
- CORWAVE: Update on CorWave LVAD, the pulsatile wave membrane pump *T. Snyder, Paris – FRA*
- CARDIOTWIST: Implantable cardiac assist device using twisting extra ventricular compression *M. Dahliri, Teheran – IR*
- CH Biomedical - CH-VAD® Clinical Trial Experience in China *T. Zhou, Oxford – UK*
- ReinVAD - The ReinVAD LVAD: Smart Technology to Enhance Long-Term Circulatory Support Therapy  
*R. Graefe, Aachen – GER*
- Mi-VAD *S. Kushwaha, Rochester – USA*
- Novel concept of a Rotary Assisted Pulsatile-Pump - The RAP-Pump *F.-H. Horn*

## ■ FRIDAY, DECEMBER 4, 2020

08:00 AM  
12:00 PM

### HANDS-ON-WORKSHOP TO LEARN IMPLANTATION TECHNIQUES OF MECHANICAL CIRCULATORY SUPPORT DEVICES

Workshop: *G. Dogan, J. Hanke, S. Mariani, J. Schmitto Hannover surgical MCS-Team*

04:00  
05:00 PM

### SIMDAX - A MUST-HAVE IN CRITICAL SETTINGS? Symposium with the support of Orion Pharma

**Chair:** *J. Gummert, Bad Oeynhausen – GER*

- ...in terms of ECLS weaning *C. Hagl, Munich – GER*
- ...in terms of LVAD implantation *J. Schmitto, Hannover – GER*
- ...in terms of heart transplantation *U. Boeken, Dusseldorf – GER*

05:05  
06:35 PM

### MCS AND COVID-19

**Chairs:** *A. Haverich, Hannover – GER, P. Leprince, Paris – FRA*

**Panelists:** *A. Combes, Paris – FRA, G. Lebreton, Paris – FRA, J. Long, Oklahoma City – USA, R. Lorusso, Maastricht – NLD, E. Rame, Philadelphia – USA, R. Tarazi, Hadiya – KWT, A. Vincentelli, Lille – FRA*

- COVID and the Heart *A. Haverich, Hannover – GER*
- Hub and spoke organization in Ile de France during the COVID-19 pandemic *G. Lebreton, Paris – FRA*
- Cardiac retransplantation in a COVID-illness patient? *A. Vincentelli, Lille – FRA*
- Discussion
- VA ECMO in COVID pandemic *R. Lorusso, Maastricht – NLD*
- COVID Myocarditis: is it real? *E. Rame, Philadelphia – USA*
- COVID, ECMO and Cytosorbents *G. Gorochov, Paris – FRA*
- Discussion

06:40  
08:00 PM

### OUTCOME AND HIGHLIGHTS IN MCS

**Chairs:** *A. Elbanayosy, Oklahoma – USA, P. Leprince, Paris – FRA, J. Schmitto, Hannover – GER, D. Zimpfer, Vienna – AUT*

- Best abstract Awards
- Abstract 1: Videoscopic assistance in VAD implantation - a strategy to minimise complications *W. Koen, Cape Town – RSA*
- Discussion
- Abstract 2 - Dynamic echo-guided left ventricular assist device pump speed optimization for exercise maximization *M. Stapor, Krakow - POL*
- Discussion
- VAD outcome throughout the world *B. Meyns, Leuven – BEL*
- Discussion
- Tips and tricks to improve a better long term support outcome *S. Mariani, Hannover – GER*
- Discussion
- MCS highlights in 2020 *D. Zimpfer, Vienna – AUT*
- Discussion



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SAVE THE DATE

DECEMBER

1 - 4

2021

Schloss Herrenhausen

**HANNOVER GERMANY**

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## ■ GENERAL INFORMATION

### ORGANISATION & PARTNERSHIPS

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### GENERAL INFORMATIONS

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If you need information about your visit to the e-EUMS, we invite you to visit the General Information room visible from the e-congress reception desk. The whole team remains connected to accompany you in this new experience.

#### Opening of the welcome desk

Monday November 30 from 17.30 to 20.15

Tuesday December 1 from 17.30 to 20.15

Wednesday December 2 from 17.30 to 20.00

Thursday December 3 from 16.30 to 20.05

Friday December 4 from 15.30 to 20.00

### CERTIFICATE OF ATTENDANCE

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Certificate of attendance will be sent by email the week following the congress

### EXHIBITION

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We invite you to visit the exhibition hall, you will be able to meet the congress partner's.

eums@overcome.fr







