



EUMS
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14th

**EUROPEAN MECHANICAL
CIRCULATORY SUPPORT
SUMMIT**

**Multidisciplinary Approach Heart Failure
Device Therapies**

FINAL PROGRAMME

**DECEMBER
11-14
2019**

**INTERCONTINENTAL
VIENNA
AUSTRIA**

Under the auspices of the **European Mechanical Circulatory Support Society**

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14th

EUROPEAN MECHANICAL CIRCULATORY SUPPORT SUMMIT

Dear Colleagues and friends,

EUMS is happy to welcome you in Vienna from
December 11 to 14, 2019.

We are pleased to welcome cardiologists from
CRM and HF in addition to cardiac surgeons,
anesthesiologists, intensivists, rehabilitationists and
VAD coordinators.

Yours faithfully,

The local committee



VIENNA
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CONGRESS VENUE

INTERCONTINENTAL VIENNA
Johannesgasse 28
1030 Vienna, AUSTRIA
Ph.: +43 1 711220

13:00
14:30

SESSION 1: PROGNOSIS AND THERAPY OF ADVANCED HEARTFAILURE

Chairs: A. El Banayosy, Oklahoma City – USA – A. Zuckermann, Vienna – AUT

- Welcome and academy overview *D. Zimpfer, Vienna – AUT*
- Definition, prognosis and management guidelines for terminal heart failure
D. Horstmanshof, Oklahoma City – USA
- Cardiac transplantation – patient selection and outcomes *A. Zuckermann, Vienna – AUT*
- VAD therapy – patient selection and outcomes *J. Garbade, Leipzig – GER*
- Transcatheter treatment options for terminal heart failure – mitraclip and beyond
G. Goliassch, Vienna – AUT

14:30 – 14:45 COFFEE BREAK

14:45
16:45

SESSION 2: FUNDAMENTALS OF MECHANICAL CIRCULATORY SUPPORT

Chairs: H. Schima, Vienna – AUT – R. Tarazi, Hadiya – KWT

- When Physics meets Medicine? – What doctors have to know about the physical principals of current assist devices? *H. Schima, Vienna – AUT*
- Short term ECLS – devices, implant techniques, safeguards and pitfalls *E. Rame, Pennsylvania – USA*
- Permanent mechanical circulatory support – strength and weaknesses of current devices
G. Wieselthaler, San Francisco – USA
- Pre, intra and postoperative management of VAD patients *A. El Banayosy, Oklahoma – USA*
- Understanding the interplay between right ventricles and left ventricular assist devices
M. Yuzefpolskaya, Columbia – USA
- The crumbling right ventricle? How and when to support!
N. Mokadam, Columbus – USA

16:45 – 17:00 COFFEE BREAK

17:00
19:00

SESSION 3: HOW I IMPLANT... LIVE IN A BOX

Chairs: G. Lebreton, Paris – FRA – N. Mokadam, Columbus – USA

- How I implant an ECMO at the airport or out of my base? *G. Lebreton, Paris – FRA*
- An Impella 5.0 via the axillary artery *D. Schibilsky, Freiburg – GER*
- A LVAD via full sternotomy *M. Morshuis, Bad Oeynhausen – GER*
- A LVAD w/o sternotomy *J. D. Schmitto, Hannover – GER*
- A BIVAD with two centrifugal pumps *D. McGiffin, Melbourne – AUS*
- A total artificial heart *N. Mokadam, Columbus – USA*
- A pediatric berlin heart *D. Zimpfer, Vienna – AUT*
- If I would have to start all over – How to develop an academic career in 2020
A. Haverich, Hannover – GER

TRACK 2: EUMS/ICCAC VAD COORDINATOR ACADEMY PROGRAMME – BALLROOM 3

13:00
14:30

SESSION 1: HOW TO SET UP A PROGRAM? ROLE OF THE VAD COORDINATOR

Chairs: T. Elliott, Washington - USA – T. Schlöglhofer, Vienna - AUT

- Welcome and overview *T. Schlöglhofer, Vienna - AUT*
- The role of the VAD coordinator: US perspective *P. Combs, Chicago - USA*
- The role of the VAD coordinator: EU perspective *N. Robinson, Newcastle - GBR*
- Growing a VAD program *E. Davis, Salt Lake City - USA*
- Caring for ourselves and others – collaboration and personal growth *K. Meehan, Chicago - USA*

14:30 - 14:45 COFFEE BREAK

14:45
16:45

SESSION 2: ADVERSE EVENTS: PREVENTION, DETECTION AND MANAGEMENT

Chairs: C. LaBuhn, Chicago - USA – S. Schroeder, Lincoln - USA

- Risk factors of contemporary LVADs – Are all pumps the same? *J. Beckman, Seattle - USA*
- Anticoagulation strategies *G. Soerensen, Oslo - NOR*
- Caring for the pediatric VAD patient: anticoagulation practices *J. Horvat, Vienna - AUT*
- CPR in VAD patients: evolving intervention paradigms *T. Elliott, Washington - USA*
- Clinical utility and application of pump data as tool for patient management *T. Schlöglhofer, Vienna - AUT*
- Driveline infections: how to prevent, how to treat? *A. Schoede, Hannover - GER*

16:45 - 17:00 COFFEE BREAK

17:00
19:00

SESSION 3: VAD OUTPATIENT / LONGTERM MANAGEMENT

Chairs: J. Beckman, Seattle - USA – N. Robins, Newcastle - GBR

- GI Bleeding: a long acting solution to the immediate problem *C. LaBuhn, Chicago - USA*
- Blood pressure monitoring in LVAD patients: why and how? *L. Coyle, Oak Lawn - USA*
- Follow-up-care ... How can we reduce the adverse events? *F. Müller, Heidelberg - GER*
- Psychosocial issues in ventricular assist device implantation and management *K. Vandersmissen, Leuven - BEL*
- Frailty in mechanical circulatory support: putting muscle back in to assessment and management strategies *S. Schroeder, Lincoln - USA*
- Palliative care throughout the journey of life with a LVAD *A.-M. Oppelaar, Utrecht - NLD*

■ WEDNESDAY, DECEMBER 11, 2019

TRACK 3 - SALON SCHUBERT

17:00 SESSION - NEW EUROPEAN REGULATION FOR MEDICAL DEVICE APPROVAL:
19:00 CLINICAL DATA REQUIREMENTS

Chairs: P. Leprince, Paris - FRA - F. Abdelnour, 3AFF/ACIDIM - FRA

- European MDR & national regulations
- German market specificities
- French market specificities
- Clinician point of view
- Panel discussion: clinical data pivotal for market access

F. Abdelnour, 3AFF/ACIDIM - FRA

T. Seeger, Medalliance - GER

J. Belghiti, Paris - FRA

P. Leprince, Paris - FRA

19:00 WELCOME COCKTAIL

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08:50 09:00 EUMS WELCOME ADDRESS

G. Laufer, Vienna - AUT - P. Leprince, Paris - FRA - J. D. Schmitto, Hannover - GER - D. Zimpfer, Vienna - AUT

09:00 10:30 SESSION 1 - THE HEART FAILURE LANDSCAPE

Chairs: G. Laufer, Vienna - AUT - P. Leprince, Paris - FRA

- Prognosis of terminal heart failure in 2019
- Novel drugs and interventional therapies for advanced heart failure – revolution or defeat
- Cardiogenic shock the unsolved challenge
- Panel discussion with all the speakers

J. Bauersachs, Hannover - GER

*A. Flammer, Zurich - SUI
D. A. Baran, Virginia - USA*

10:30 - 11:00 COFFEE BREAK

11:00 12:30 SESSION 2 - GUIDELINES AND REGISTRY OUTCOMES

Chairs: A. Haverich, Hannover - GER - D. Zimpfer, Vienna - AUT

- ESC and AHA heart failure guidelines
- ISHLT and EACTS VAD Guidelines
- Intermacs and Euromacs results
- Panel discussion with all the speakers

*M. Crespo Leiro, Coruna - ESP
P. Leprince, Paris - FRA
S. Silvestry, Orlando - USA*

12:30 - 13:30 LUNCH BREAK

13:30 16:00 SESSION 3 - OUTCOMES OF TRIALS

Chairs: J. D. Schmitto, Hannover - GER - N. Mokadam, Columbus - USA

- Momentum 3 and Elevate
- Lateral, advance, endurance and beyond
- HVAD vs. HM3 – is there a difference or is it just artful statistics and pixie dust?
- Panel discussion with all the speakers

*C. Mahr, Seattle - USA
M. Strüber, Newark - USA*

D. Zimpfer, Vienna - AUT

16:00 - 16:30 COFFEE BREAK

16:30 18:00 SESSION 4 - CARIOGENIC SHOCK

Chairs: A. El Banayosy, Oklahoma City - USA - S. Schüler, Newcastle - GBR

- Pathophysiology of cardiogenic shock and shock induced end-organ damage
- Decision making in cardiogenic shock, limitations of conservative therapy and importance of tissue perfusion
- Short Term MCS – ECMO for all vs Patient tailored approaches
- Supportive measures to increase the likelihood of organ recovery and short term MCS weaning – Drugs, filters, structural interventions
- Panel discussion with all the speakers

*C. Spaulding, Paris - FRA
A. El Banayosy, Oklahoma City - USA
P. Leprince, Paris - FRA*

C. Schulze, Jena - GER

18:00 19:00 DEVICE UPDATE SESSION 1

Chairs: A. El Banayosy, Oklahoma City - USA - S. Schüler, Newcastle - GBR

- SYNCARDIA - TAH for failing fontan: why, when and how to optimize treatment strategies!
- ABBOTT - Clinical research Initiatives for MCS: what questions need to be answered?
- CYTOSORBENTS - Hemoadsorption with CytoSorb in Cardiac Surgery
- CORWAVE - LVAD - the next wave
- BERLIN HEALS - The C-MIC System - an update on the first electrical recovery device (eVAD)

D. Morales, Ohio - USA - J. D. Schmitto, Hannover - GER

*R. L. Kormos, Abbott
S. Baudis, Berlin - GER*

C. Botterbusch - Corwave

J. Mueller - Berlin Heals

06:30 JOGGING : 5 KMS AROUND THE RING

08:30 SESSION 5 – THINK HYBRID – HEART VALVE INTERVENTION IN VAD PATIENTS
09:00

Chairs: S. Mariani, Hannover – GER – D. Wiedemann, Vienna – AUT

E. Rame, Pennsylvania – USA

09:00 SESSION 6 – LIVE IN A BOX SESSION
10:30

Chairs: S. Mariani, Hannover – GER – D. Wiedemann, Vienna – AUT

J. Riebandt, Vienna – AUT – F. Wittmann, Vienna – AUT

10:30 – 11:00 COFFEE BREAK

11:00 SESSION 7 – SOLUTIONS TO CHALLENGES OF VAD SUPPORT
13:00

Chairs: C. Mahr, Seattle – USA – D. Wiedemann, Vienna – AUT

- Stroke – treatment guidelines and outcomes of interventional therapies *S. Greisenegger, Vienna – AUT*
- GI-Bleeding – Prevention and treatment *D. Horstmanshof, Oklahoma City – USA*
- Stroke prevention: the importance of 'neuroprotective' management *J. Long, Oklahoma City – USA*
- High urgent cardiac transplantation in VAD patients with recurring VAD related complications *G. Laufer, Vienna – AUT*

13:00 – 14:00 LUNCH BREAK

14:00 SESSION 8 – GREAT DEBATES IN HEART FAILURE
16:00

Chairs: J. Long, Oklahoma City – USA – M. Strüber, Newark – USA

- VAD Implantation in InterMACs IV-VII
 - Pro *D. Horstmanshof, Oklahoma City – USA*
 - Con *A. Simon, London – GBR*
 - Re-battle
- Highly reduced LV – function with secondary MI
 - Pro Clip *C. Spaulding, Paris – FRA*
 - Pro Vad *J. D. Schmitto, Hannover – GER*
 - Re-battle
- Perioperative RV- support high dose catecholamines vs early temporary RVAD
 - Pro catecholamines *A. El Banayosy, Oklahoma City – USA*
 - Pro RVAD *M. Yuzefpolskaya, Columbia – USA*
 - Re-battle

16:00 – 16:30 COFFEE BREAK

16:30
18:00

SESSION 9 - INTELLIGENT PUMPING AND USABILITY ASPECTS

Chairs: B. Meyns, Leuven – BEL - H. Schima, Vienna – AUT

- How much VAD support is optimal? Its dependency of disease, physiological state and therapeutic strategy *B. Meyns, Leuven – BEL*
- How to determine the support demand? Intelligent monitoring and sensors *M. Slepian, Tucson – USA*
- Automatic control: Achievements and challenges *M. Maw, Vienna – AUT*
- Human-Factors – Usability: it can be the difference between Life and Death *C. Wrigley, Sydney – AUS*

18:00
19:00

DEVICE UPDATE SESSION 2

Chairs: G. Dogan, Hannover – GER - M. Slepian, Tucson – USA

- EVAHEART – Experiences of Evaheart *K. Toda, Osaka – JPN*
- CARDBRIDGE – 10F-RCP – augmenting the flow *J. D. Schmitto, Hannover – GER*
- MEDTRONIC – R&D vision and roadmap *N. Njoku – Medtronic*
- ABBOTT – MCS Technology for the future: transforming patients into heart failure survivors *R. L. Kormos – Abbott*
- ABIOMED – Updates from the field of heart recovery *A. Medjamia – Abiomed*
- BERLIN HEART – Advances in para-corporeal therapy *K.-J. Schlüter – Berlin Heart*
- CARMAT – Update on physiological heart replacement therapy *P. Jansen – Carmat*

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06:30 JOGGING: 5 KMS ALONG THE DANUBE CHANNEL

08:00 SESSION 10 – VAD SUPPORT IN PEDIATRIC AND GROWN UP CONGENITAL
10:00 HEART DISEASE

Chairs: Y. D'Udekem, Melbourne – AUS – R. Pretré, Lausanne – SUI

- VAD support in pediatric population: Pulsatile vs continuous *J. Conway, Alberta – CAN*
- VAD support in patients with failing univentricular palliations *Y. D'Udekem, Melbourne – AUS*
- VAD support of the failing RV in systemic position *R. Pretré, Lausanne – SUI*
- Development of a centrifugal VAD vor isolated subpulmonary support *M. Huebler, Zurich – SUI*
- Panel discussion with all the speakers

10:30 – 11:30 COFFEE BREAK

11:30 SESSION 11 – CONTROVERSIES IN BIVENTRICULAR SUPPORT
13:30

Chairs: E. Rame, Pennsylvania, USA – M. Yuzefpolskaya, Columbia – USA

- Cases report: Unmet needs Hannover *J. Hanke, Hannover – GER*
- Development of RV Function after LVAD Implantation – Long-term Implications *S. Schüler, Newcastle – GBR*
- Biventricular support: Pulsatile or continuous flow *D. McGiffin, Melbourne – AUS*
- Strategies from ecmo to bivad support *E. Rame, Pennsylvania – USA*
- Total artificial heart – state of the art and future devices *I. Netuka, Prague – CZE*
- Panel discussion with all the speakers

13:30 CLOSING REMARKS



GENERAL INFORMATION

CONGRESS VENUE

INTERCONTINENTAL VIENNA: Johannesgasse 28 - 1030 Vienna, Austria - Ph.: +43 1 711220

LOGISTICAL ORGANIZATION AND REGISTRATION

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Ph: +33(0)1 40 88 97 97 - Fax: +33 (0)1 43 59 76 07 - E-mail: eums@overcome.fr

REGISTRATION

	On-site registration
Delegates	€ 560.00
Nurses/Technicians/Students	€ 280.00
Congress Dinner on Thursday December 12, 2019	€ 100.00

The registration fee includes:

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

ACCOMMODATION

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TRANSPORTATION



14th European Mechanical Circulatory support Summit" 34706AF
valid from 04/12/2019 to 21/12/2019

POSTERS

Poster area is located in the ballroom foyer close to the plenary room. Authors will be asked to be next to their poster during the coffee and lunch breaks.

Would you like to read the abstracts? It is possible on the congress app EUMS.

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