

The Relevance of Registry Research for Clinical Practice: Gender Differences in Left Ventricular Assist Device Recipients with a Focus on Psychosocial and Behavioral Factors

Sponsored by the German Research Foundation (DFG),
Alexander von Humboldt Foundation, and Trier University

PROGRAM

The number of men and women with heart failure is rising both in Europe and in the US. Advances in technology provide new options for patients with advanced disease by way of mechanically assisted pumping devices. Yet, how do women with failing hearts fare compared to men after implantation of a left ventricular assist device (LVAD), the most common device type? How can clinical practice to be improved for both women and men? Data from registries such as the Interagency Registry for Mechanically Assisted Circulatory Support (INTERMACS) and the European counterpart (EUROMACS) hold great promise to yield relevant answers.

This scientific workshop will bring together scientists working with INTERMACS and EUROMACS. Researchers from the fields of Psychology, Medicine, Nursing Science, and Statistics will connect and exchange their knowledge and ideas, in order to develop further questions and collaborative ways to improve clinical practice and enhance outcomes for both women and men on LVADs.

Workshop Language: English

Scientific Committee:

Heike Spaderna
Trier University

Gerdi Weidner
San Francisco State University

Thursday, October 10, 2019

from 3:00 p.m. Registration at hotel

Nell's Park Hotel
Park Lounge
Dasbachstrasse 12
54292 Trier

6:00 p.m. **Welcome and Introduction at hotel**

Heike Spaderna, Gerdi Weidner & Team

Thomas Schmitt— Cultural Affairs Officer of the City of Trier

7:00 p.m. Reception, light food and refreshments



Friday, October 11, 2019

from 6:30 a.m. Breakfast at hotel

Nell's Park Hotel

from 8:00 a.m. Registration at university

Room H13
University Campus 2
Behringstraße 13
54296 Trier

9:15 a.m. **Welcome address**

Room H11

[Michael Jäckel](#)

President of Trier University

9:30 a.m. **Keynote Lecture**

Translating registry data into clinical practice—still a new paradigm?

[Marissa A. Miller](#)

National Institutes of Health (USA)

9:50 a.m. **The relevance of psychosocial and behavioral variables for outcomes after Left Ventricular Assist Device (LVAD) implantation**

[Mary Amanda Dew](#)

University of Pittsburgh (USA)

10:10 a.m. **Demographic, psychosocial and behavioral patient characteristics in the INTERMACS - what do we know and where do we go from here?**

[Kathleen L. Grady](#)

Northwestern University, Chicago (USA)

10:30 a.m. Coffee Break

Mensa

11:00 a.m. **Evaluation of clinical outcomes in male and female LVAD recipients: methodological considerations and preliminary findings**

Room H11

[Jan Beyersmann](#), [Lisa-Marie Maukel](#), [Heike Spaderna](#) & [Gerdi Weidner](#)

Ulm University (Germany), Trier University (Germany),

San Francisco State University (USA)

11:30 a.m. **Updates from the European Registry for Patients with Mechanical Circulatory Support (EUROMACS)**

[Theo M.M.H. de By](#)

European Association of Cardiothoracic Surgery (UK)



11:45 a.m.	Clinical, psychosocial, and behavioral characteristics at time of implant: Associations with gender and device strategy—EUROMACS Sarah Löchel, Lisa-Marie Maukel, Gerdi Weidner & Heike Spaderna Trier University (Germany), San Francisco State University (USA)	
12:05 a.m.	Gender differences in cardiac reverse remodeling in mechanically unloaded hearts Markus Barten Universitätsklinikum Hamburg-Eppendorf (Germany)	
12:25 a.m.	Professional employment in VAD patients Christiane Kugler Albert-Ludwigs-University Freiburg (Germany)	
12:45 a.m.	Lunch	Mensa
2:00 p.m.	From patients to data: Procedures and pitfalls – A single center experience with EUROMACS data Volker Lauenroth Heart and Diabetes Center NRW (Germany)	H 11
2:20 p.m.	Practice Report: Gender differences in the acceptance of VAD therapy – EUROMACS Katrien Vandersmissen Universitair Ziekenhuis Leuven (Belgium)	
2:40 p.m.	INTERMACS and EUROMACS Interoperability: The challenges of combining both datasets into one - IMACS John Pennington University of Alabama (USA), Kirklin Institute of Research in Surgical Outcomes	
3:00 p.m.	Coffee Break	Mensa
3:15 p.m.	Working Groups Group 1 —The clinical perspective Psychosocial, behavioral, and clinical characteristics in men and women – what is relevant for clinical practice? Group 2 — The methodological perspective Repeated follow-ups, competing outcomes, device strategy and missing data – implications for information to be gained from the INTERMACS, EUROMACS, and the IMACS	H13 H11
5:00 p.m.	Working group reports and summary	H11
5:45 p.m.	Free time	
7:30 p.m.	Dinner at restaurant	Restaurant Schlemmereule Domfreihof 1B 54290 Trier





Saturday, October 12, 2019

from 7:00 a.m. Breakfast at hotel

Nell's Park Hotel

9:00 a.m. Arrival at Trier University

Room H11

9:15 a.m. Research questions and collaboration

10:30 a.m. Coffee Break

Mensa

11:00 a.m. Synthesis and dissemination of workshop results

Room H11

12:30 a.m. Farewell, light lunch and refreshments

2:00 p.m. Boat trip on the river Moselle for those for those who do not have
to leave for their return journey immediately

Free time, dinner on your own

Sunday, October 13, 2019

from 7:00 a.m. Breakfast at hotel

Nell's Park Hotel

until 12:00 a.m. Checkout

Departure

Explore Trier on your own

