TECHNOLOGY OF EXTRACORPOREAL ASSIST MEETING

28 – 29 FEBRUARY 2020
UNIVERSITY HOSPITAL ZURICH

www.mcs-team.ch

A unique opportunity to dive into Mechanical Circulatory Support therapies
Dear Colleagues,

The heart failure epidemic is constantly emerging. At the same time, the current increasing trend in Mechanical Circulatory Support (MCS) contributes to patient’s quality of life and improved functional capacity, and previously fatal conditions see reasonable exit strategies. Until recently, the chances of and need for an interdisciplinary TEAM approach in heart failure management were frequently neglected and is now becoming the main goal, especially at the clinical level.

The main focus of this meeting will be to discuss clinical scenarios, decision making and management of MCS, and to give an outlook on future developments in the field.

The international meeting, which includes hands-on workshops, scientific as well as state-of-the-art clinical lectures, will provide you with the latest knowledge and skills required for successful MCS network management. We are confident that the interaction between the most reknowned speakers, chairs and you as participants will make the meeting intriguingly successful.

Maximilian Halbe
Chief Perfusionist
University Hospital Zurich, Switzerland
maximilian.halbe@usz.ch

L. Christian Napp
Head Acute Cardiac Care
Hannover Medical School, Germany
napp.christian@mh-hannover.de
PROGRAM

Friday, 28 February 2020

12:00 – 15:00  Hospitality Desk (Badge and Document issue)
University Hospital, Gloriastrasse 29

15:00 – 17:00  Hands-on Workshops Module A
30’ sessions
Sponsored by Cytosorbents, Fresenius, Terumo
Corona Virus Update PATH D22
Cytosorb on ECMO OPS B 22
Go on ECLS in 20 Minutes – by Fresenius HOER B10
New Generation of Oxygenators – NX19 OPS B 24

17:00 – 17:30  Refreshing Break
Transfer to Main Venue: Careum Auditorium, Pestalozzistrasse 11

17:30 – 17:35  Welcome F. Maisano
17:35 – 17:45  Opening M. Halbe, L. C. Napp
17:45 – 18:35  Teamwork & Simulation D. Eppler
Swiss International Air Lines Ltd.
18:35 – 18:45  Live ECMO Simulation
with Augmented Reality F. Maisano, M. Halbe
18:45 – 19:30  Key note lecture N. Uriel
Saturday, 29 February 2020

07:30 – 08:00  Hospitality Desk (Badge and Document issue)
University Hospital, Gloriastrasse 29

08:00 – 10:00  Hands-on Workshops Module B
30’ sessions
Sponsored by Abiomed, Getinge, EuroSet, Medtronic
The Impella Platform
LV – Support with IABP by Getinge
Challenges on ECLS by Euroset
H-VAD by Medtronic

10:00 – 10:15  Refreshing Break
Transfer to Main Venue: Careum Auditorium, Pestalozzistrasse 11

10:15 – 12:00  SESSION 1: MCS Strategies
Chairs: L. Christian Napp; Jan Bělohlávek

10:15 – 10:20  Scope of the Session
L. Christian Napp

10:20 – 10:45  ECPR 2020
J. Bělohlávek

10:45 – 11:10  Early MCS in AMICS
W. W. O’Neill

11:10 – 11:35  MCS Network (Transport)
M. Halbe

11:35 – 12:00  Impella 5.0/5.5 in patients with VA-ECMO
D. Schibilsky

12:00 – 13:15  Lunch Break
### SESSION 2: Pathophysiology

**Chairs:** Nir Uriel; Francesco Maisano

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>13:20 – 13:45</td>
<td>LV and RV mechanics on MCS</td>
<td>D. Burkhoff</td>
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<td>13:45 – 14:10</td>
<td>LV unloading strategies during VA-ECMO</td>
<td>R. Lorusso</td>
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<td>14:10 – 14:35</td>
<td>Smart Impella for total unloading and combined support</td>
<td>K. Sunagawa</td>
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<td>14:35 – 15:00</td>
<td>Upper body strategies</td>
<td>F. Pappalardo</td>
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**Coffee Break**

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<tr>
<td>15:00 – 15:25</td>
<td>Coffee Break</td>
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### SESSION 3: MCS Pearls, State of the Art

**Chairs:** Frank Ruschitzka; Dominique Bettex

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<tr>
<td>15:25 – 15:30</td>
<td>Scope of the Session</td>
<td>L. Christian Napp</td>
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<td>15:30 – 16:00</td>
<td>Minimal invasive VAD implantation – Live in a box</td>
<td>J. D. Schmitto</td>
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<td>16:00 – 16:30</td>
<td>Early VAD in chronic heart failure – PRO</td>
<td>G. Laufer</td>
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<tr>
<td>16:30 – 17:00</td>
<td>Early VAD in chronic heart failure – CON</td>
<td>J. Bauersachs</td>
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<td>17:00 – 17:30</td>
<td>VAD in acute heart failure and shock</td>
<td>N. Uriel</td>
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<td>17:30 – 18:00</td>
<td>Early VAD in chronic heart failure – Interactive Discussion</td>
<td>N. Uriel, M. Wilhelm,</td>
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<td>D. Schibilsky, F. Ruschitzka</td>
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<tr>
<td>18:00 – 18:15</td>
<td>Closing remarks and see you at TEAM 2021</td>
<td>M. Halbe, L. C. Napp,</td>
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<td>F. Maisano, F. Ruschitzka</td>
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INFORMATIONS

REGISTRATION

Please register on-line before 28 February 2020 under www.mcs-team.ch

WORKSHOPS VENUE
University Hospital Zurich
Gloriastrasse 29
8091 Zurich, Switzerland

MAIN CONGRESS VENUE
Careum
Pestalozzistrasse 11
8032 Zurich, Switzerland

HOSPITALITY DESK
University Hospital Zurich
Gloriastrasse 29
8091 Zurich, Switzerland
Friday 28.02.: 12:00 – 16:30
Saturday 29.02.: 07:30 – 09:30

HOSPITALITY DESK
Careum
Pestalozzistrasse 11
8032 Zurich, Switzerland
Friday 28.02.: 17:00 – 19:00
Saturday 29.02.: 10:00 – 17:00

The congress documents will be handed out to the registered participants and on-site registration will be possible during the office hours.

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Phone: +41 71 911 45 22
Mail: info@fent-event.ch
www.fent-event.ch

ACCREDITATION SUMMITED
SGK / SIGA / SGHC / SGI / EBCP
**FACULTY**

<table>
<thead>
<tr>
<th>Course Director</th>
<th>Course Co-Director</th>
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<tr>
<td>Maximilian Halbe, Zurich</td>
<td>L. Christian Napp, Hannover, Germany</td>
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**International Faculty**

- Daniel Burkhoff, New York, USA
- William W. O’Neill, Detroit, USA
- Nir Uriel, New York, USA
- Kenji Sunagawa, Fukuoka, Japan

**European Faculty**

- Martin Andreas, Vienna, Austria
- Johann Bauersachs, Hannover, Germany
- Jan Bělohlávek, Prague, Czech Republic
- Stefano Benussi, Brescia, Italy
- Christoph Krapf, Innsbruck, Austria
- Günther Laufer, Vienna, Austria
- Roberto Lorusso, Maastricht, Netherlands
- Federico Pappalardo, Milan, Italy
- David Schibilsky, Freiburg, Germany
- Jan D. Schmitto, Hannover, Germany

**National Faculty**

- Matthias Bosshard, Luzern
- Florim Cuculi, Luzern
- Dieter Eppler, Swiss International Air Lines
- Peter Matt, Luzern
- Luca Palumbo, Zurich

**Local Faculty**

- Tobias Aigner, Zurich
- Dominique Bettex, Zurich
- Karl Philipp Bühler, Zurich
- Stefan Fehlings, Zurich
- Matthias Hilty, Zurich
- Matthias Hilty, Zurich
- Bernard Krüger, Zurich
- Francesco Maisano, Zurich
- Jesko Mertha, Zurich
- Mohamed Morjan, Zurich
- Naveen G. Nagaraj, Zurich
- Alberto Pozzoli, Zurich
- Frank Ruschitzka, Zurich
- Martin Schmiady, Zurich
- Oliver Schmid, Zurich
- Juri Sromicki, Zurich
- Maurizio Taramasso, Zurich
- Mathias Van Hemelrijck, Zurich
- Koen Van Tilburg, Zurich
- Markus Wilhelm, Zurich
- Stephan Winnik, Zurich