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 renowned 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>07:30 – 08:00</td>
<td><strong>Hospitality Desk (Badge and Document issue)</strong>&lt;br&gt;University Hospital, Gloriastrasse 29</td>
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<tr>
<td>08:00 – 10:00</td>
<td><strong>Hands-on Workshops Module B</strong>&lt;br&gt;30’ sessions&lt;br&gt;Sponsored by Abiomed, Getinge, EuroSet, Medtronic</td>
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<td></td>
<td>The Impella Platform&lt;br&gt;LV – Support with IABP by Getinge&lt;br&gt;Challenges on ECLS by Euroset&lt;br&gt;H-VAD by Medtronic</td>
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<td>OPS B 22&lt;br&gt;OPS B 24&lt;br&gt;OPS B 26&lt;br&gt;OPS B 28</td>
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<tr>
<td>10:00 – 10:15</td>
<td><strong>Refreshing Break</strong>&lt;br&gt;Transfer to Main Venue: Careum Auditorium, Pestalozzistrasse 11</td>
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<td>10:15 – 12:00</td>
<td><strong>SESSION 1: MCS Strategies</strong>&lt;br&gt;<em>Chairs: L. Christian Napp; Jan Bělohlávek</em></td>
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<td>10:15 – 10:20</td>
<td><strong>Scope of the Session</strong>&lt;br&gt;L. Christian Napp</td>
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<tr>
<td>10:20 – 10:45</td>
<td><strong>EPCR 2020</strong>&lt;br&gt;J. Bělohlávek</td>
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<td>10:45 – 11:10</td>
<td><strong>Early MCS in AMICS</strong>&lt;br&gt;W. W. O’Neill</td>
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<td>11:10 – 11:35</td>
<td><strong>MCS Network (Transport)</strong>&lt;br&gt;M. Halbe</td>
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<td>11:35 – 12:00</td>
<td><strong>Impella 5.0/5.5 in patients with VA-ECMO</strong>&lt;br&gt;D. Schibilsky</td>
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<td>12:00 – 13:15</td>
<td><strong>Lunch Break</strong></td>
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### Saturday, 29 February 2020

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<tr>
<th>Time</th>
<th>Session Title</th>
<th>Chair(s)</th>
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<tr>
<td>13:15 – 15:00</td>
<td><strong>SESSION 2: Pathophysiology</strong></td>
<td>Nir Uriel; Francesco Maisano</td>
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<td>13:15 – 13:20</td>
<td><strong>Scope of the Session</strong></td>
<td>L. Christian Napp</td>
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<td>13:20 – 13:45</td>
<td><strong>LV and RV mechanics on MCS</strong></td>
<td>D. Burkhoff</td>
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<td>13:45 – 14:10</td>
<td><strong>LV unloading strategies during VA-ECMO</strong></td>
<td>R. Lorusso</td>
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<td>14:10 – 14:35</td>
<td><strong>Smart Impella for total unloading and combined support</strong></td>
<td>K. Sunagawa</td>
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<td>14:35 – 15:00</td>
<td><strong>Upper body strategies</strong></td>
<td>F. Pappalardo</td>
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<td>15:00 – 15:25</td>
<td><strong>Coffee Break</strong></td>
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<td>15:25 – 18:00</td>
<td><strong>SESSION 3: MCS Pearls, State of the Art</strong></td>
<td>Frank Ruschitzka; Dominique Bettex</td>
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<td>15:25 – 15:30</td>
<td><strong>Scope of the Session</strong></td>
<td>L. Christian Napp</td>
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<td>15:30 – 16:00</td>
<td><strong>VAD in acute heart failure and shock</strong></td>
<td>N. Uriel</td>
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<td>16:00 – 16:30</td>
<td><strong>Minimal invasive VAD implantation – Live in a box</strong></td>
<td>J. D. Schmitto</td>
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<td>16:30 – 17:00</td>
<td><strong>Early VAD in chronic heart failure – PRO</strong></td>
<td>G. Laufer</td>
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<td>17:00 – 17:30</td>
<td><strong>Early VAD in chronic heart failure – CON</strong></td>
<td>J. Bauersachs</td>
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<tr>
<td>17:30 – 18:00</td>
<td><strong>Early VAD in chronic heart failure – Interactive Discussion</strong></td>
<td>N. Uriel, M. Wilhelm, D. Schibilsky, A. Flammer</td>
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<td>18:00 – 18:15</td>
<td><strong>Closing remarks and see you at TEAM 2021</strong></td>
<td>M. Halbe, L. C. Napp, 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.

SCIENTIFIC SECRETARY
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Maximilian Halbe
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8091 Zurich, Switzerland
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Mail: maximilian.halbe@usz.ch

CONGRESS SECRETARY
FentEvent GmbH
Eggwilstrasse 16b
9552 Bronschhofen, Switzerland
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www.fent-event.ch

ACCREDITATION SUMMITTED
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# 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
- Sebastian Paal, Zurich
- Luca Palumbo, Zurich

## Local Faculty

- Tobias Aigner, Zurich
- Dominique Bettex, Zurich
- Karl Philipp Bühler, Zurich
- Stefan Fehlings, Zurich
- Andreas Flammer, Zurich
- Bernard Krüger, Zurich
- Francesco Maisano, Zurich
- Jesko Mertha, Zurich
- Mohamed Morjan, Zurich
- Mohamed Morjan, Zurich
- Naveen G. Nagaraj, 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
INFORMATIONS

LOCATION MAP

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