# TECHNOLOGY OF EXTRACORPOREAL ASSIST MEETING

TEAM

**28 – 29 FEBRUARY 2020**

**UNIVERSITY HOSPITAL ZURICH**

**www.mcs-team.ch**

*A unique opportunity to dive into Mechanical Circulatory Support therapies*

USZ Universitäts Spital Zürich

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
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**L. Christian Napp**
Head Acute Cardiac Care
Hannover Medical School, Germany
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# PROGRAM

## Friday, 28 February 2020

| | | |
|---|---|---|
| 12:00 – 15:00 | **Hospitality Desk (Badge and Document issue)**<br>University Hospital, Gloriastrasse 29 | |
| 15:00 – 17:00<br>*30' sessions* | **Hands-on Workshops Module A**<br>*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**<br>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<br>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 |

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# Saturday, 29 February 2020

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|---|---|---|
| 07:30 – 08:00 | **Hospitality Desk (Badge and Document issue)**<br>University Hospital, Gloriastrasse 29 | |
| 08:00 – 10:00<br>*30' sessions* | **Hands-on Workshops Module B**<br>*Sponsored by Abiomed, Getinge, EuroSet, Medtronic* | |
| | The Impella Platform | OPS B 22 |
| | LV – Support with IABP by Getinge | OPS B 24 |
| | Challenges on ECLS by Eurosets | OPS B 26 |
| | H-VAD by Medtronic | OPS B 28 |
| 10:00 – 10:15 | **Refreshing Break**<br>Transfer to Main Venue: Careum Auditorium, Pestalozzistrasse 11 | |
| 10:15 – 12:00 | **SESSION 1: MCS Strategies**<br>*Chairs: L. Christian Napp; Jan Bělohlávek* | |
| 10:15 – 10:20 | **Scope of the Session** | L. Christian Napp |
| 10:20 – 10:45 | **EPCR 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** | |

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## Saturday, 29 February 2020

| | | |
|---|---|---|
| 13:15 – 15:00 | **SESSION 2: Pathophysiology**<br>*Chairs: Nir Uriel; Francesco Maisano* | |
| 13:15 – 13:20 | **Scope of the Session** | L. Christian Napp |
| 13.20 – 13.45 | **LV and RV mechanics on MCS** | D. Burkhoff |
| 13.45 – 14:10 | **LV unloading strategies during VA-ECMO** | R. Lorusso |
| 14:10 – 14:35 | **Smart Impella for total unloading and combined support** | K. Sunagawa |
| 14:35 – 15:00 | **Upper body strategies** | F. Pappalardo |
| 15:00 – 15:25 | **Coffee Break** | |
| 15:25 – 18:00 | **SESSION 3: MCS Pearls, State of the Art**<br>*Chairs: Frank Ruschitzka; Dominique Bettex* | |
| 15:25 – 15:30 | **Scope of the Session** | L. Christian Napp |
| 15:30 – 16:00 | **VAD in acute heart failure and shock** | N. Uriel |
| 16:00 – 16:30 | **Minimal invasive VAD implantation – Live in a box** | J. D. Schmitto |
| 16:30 – 17:00 | **Early VAD in chronic heart failure – PRO** | G. Laufer |
| 17:00 – 17:30 | **Early VAD in chronic heart failure – CON** | J. Bauersachs |
| 17:30 – 18:00 | **Early VAD in chronic heart failure – Interactive Discussion** | N. Uriel, M. Wilhelm, D. Schibilsky, A. Flammer |
| 18:00 – 18:15 | **Closing remarks and see you at TEAM 2021** | M. Halbe, L. C. Napp, F. Maisano, F. Ruschitzka |

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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

University Hospital Zurich
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## CONGRESS SECRETARY

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## ACCREDITATION SUMMITED

SGK / SIGA / SGHC / SGI / EBCP

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# FACULTY

## Course Director

Maximilian Halbe, Zurich

## Course Co-Director

L. Christian Napp, Hannover, Germany

## 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
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

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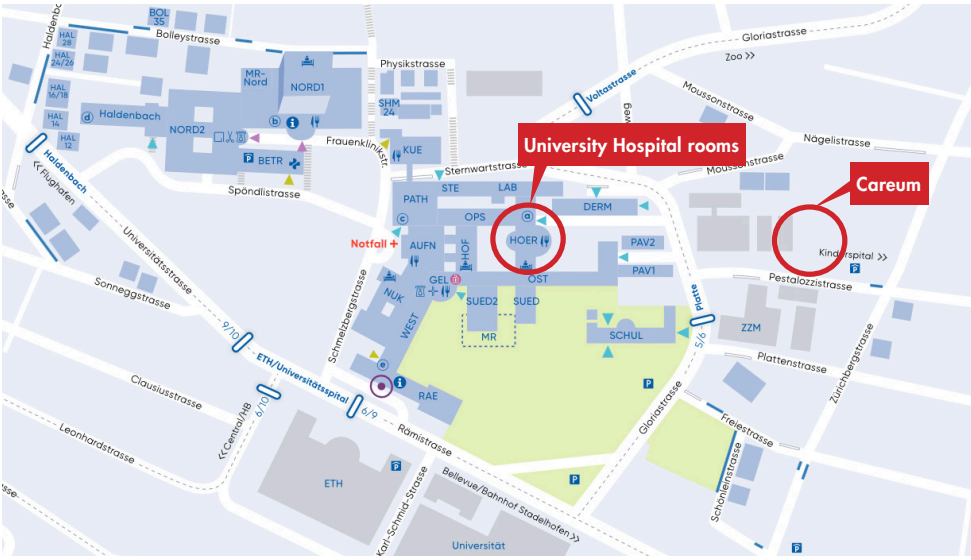
## LOCATION MAP

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