



SEMMELWEIS
ECMO COURSE
IN BUDAPEST

October 05-06, 2018

Novotel Budapest Centrum | Hungary



Programme

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Scientific programme

Friday | October 05, 2018

08:30 Opening Ceremony

Zoltán Szabolcs, Biocina Bojan, György Lang

Moderators: Bojan Biocina, Miklós Pólos

08:45 Dr. Miklós Pólos cardiac surgeon (Semmelweis University):
V-V ECMO therapy: theoretical and practical basics

09:05 Prof. Dr. Bojan Biocina PhD, cardiac surgeon (Zágráb):
ECMO support in postcardiotomy cardiogenic shock

09:30 Dr. Levente Fazekas PhD, cardiac surgeon (Semmelweis University): **Experiences earned during development of an ECMO program**

09:50 Dr. István Hartyánszky PhD, cardiac surgeon (Semmelweis University): **Strategical consideration of the national ECMO program**

10:10 **Disussion**

10:20 Coffee break

Moderators: György Lang, Zoltan Szeberin

10:40 Dr. Jenő Elek, anesthesiologist (National Institute of Oncology, Budapest): **V-V ECMO therapy: theoretical and practical basics**

11:00 Dr. Ildikó Madurka, anesthesiologist (National Institute of Oncology, Budapest): **V-V ECMO in the practice of the National Institute of Oncology: introducing a novel therapy**

11:20 Prof. Dr. Jens Garbade PhD, cardiac surgeon (Leipzig):
The presens and the future of long term mechanical circulatory support: heart transplantation or circulatory support?

11:40 Dr. Balázs Sax Ph.D, cardiologist (Semmelweis University):
Our experiences with long-term LVAD support: HeartMate II-HeartMate III

12:00 **Disussion**

12:10 Lunch

Moderators: Jan Belohlavek, István Hartyánszky

13:10 Prof. Dr. György Lang PhD, thoracic surgeon (Semmelweis University, Vienna): **The role of ECMO support in lung transplantation**

13:30 Dr. István Hartyánszky PhD, cardiac surgeon (Semmelweis University): **The philosophy and practice of V-A ECMO support preventing acute primary graft failure**

13:50 Prof. Dr. Jan Belohlavek PhD, cardiologist (Prague): **ECMO in cardiac arrest**

14:15 Dr. István Édes PhD, cardiologist (Semmelweis University): **„Door to ECMO time” – ECLS in Hungarian practice**

14:35 **Disussion**

14:50 Coffee break

Moderators: Steven Tsui, Levente Fazekas

15:10 Prof. Dr. Steven Tsui PhD, cardiac surgeon (Papworth Hospital, Cambridge): **Ethical considerations in ECMO therapy**

15:35 **Case presentations:** Steven Tsui, Jan Belohlavek, Jens Garbade

16:20 **1. Maquet - Cardiohelp ECMO wet-lab: Tipps and useful tricks in everyday practice.**
Moderator: Mónika Dénes

Saturday | October 06, 2018

08:00 **2. Fresenius - MEDOS ECMO wet-lab: Getting familiar with ECMO. Tipps and useful tricks in everyday practice.**
Moderator: Csilla Tamás

09:00 **3. Maquet - Cardiohelp ECMO wet-lab: Tipps and useful tricks in everyday practice**
Moderator: Mónika Dénes

Moderators: Zsolt Prodán, Endre Németh

- 08:30** Dr. Edgár Székely, pediatric cardiologist (National Institute of Cardiology): **The role and limitations of mechanical circulatory support in pediatric heart failure therapy**
- 08:50** Dr. Zsolt Prodán PhD, pediatric cardiac surgeon (National Institute of Cardiology): **Indications for V-A ECMO support in pediatric cardiac transplantation**
- 09:10** Dr. Endre Németh anesthesiologist (Semmelweis University): **Aims and considerations of intensive care in V-A ECMO therapy**
- 09:30** Zoltán Barati cardiotechnician (Semmelweis University): **Challenges and special tasks for cardiotechnicians in ECMO support**
- 09:50** **Disussion**

10:00 Coffee break

Moderators: Jens Garbade, István Édes,
István Hartyánszky

- 10:20** Csaba Sári MD, cardiologist (National Institute of Cardiology): **The role of IABP support in modern cardiology**
- 10:40** Prof. Dr. Zoltán Szabolcs PhD, cardiac surgeon (Semmelweis University): **Possible cannulation techniques and complications in V-A ECMO therapy**
- 11:05** Dr. Zoltán Szeberin PhD, vascular surgeon (Semmelweis University): **Therapy for vascular complications during peripheral V-A ECMO treatment**
- 11:25** **Case presentations:** Prodán Zsolt, Hartyánszky István, Madurka Ildikó
- 12:00** **4. Fresenius - MEDOS ECMO wet-lab: Getting familiar with ECMO. Tipps and useful tricks in everyday practice**
Moderátor: Csilla Tamás

13:00 Test exam and closing the ECMO Course



Course office

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