



SEMMEIWEIS  
**ECMO** COURSE  
IN BUDAPEST

**October 05-06, 2018**

Novotel Budapest Centrum | Hungary



# ***Dear Colleagues and Friends,***

*The Heart and Vascular Center of the Semmelweis University in Budapest developed one of the most active heart transplant program in Europe with its approximately 50 annual heart implantations. In a close symbiotic connection with our transplant program a pronounced mechanical circulatory support (MCS) program was also improved during the last decade. Nowadays the different MCS systems are in use with a wide scale of indications for mechanical circulatory support in acute and chronic heart failure on a regular base. Today the ECMO belongs to the essential minimum conditions -not only of the heart surgery theaters - but in the cath-labs and even more frequently in the ICU-s. In the last two years even a mobile ECMO team was also organized for picking up acute heart failure patients from other hospitals and transporting them on MCS support to our Institution.*

*The first Semmelweis ECMO Course was organized by the Semmelweis University last year to share our experiences with those colleagues from Middle and Eastern Europe who were interested in MCS therapy. The success of the last year Course encouraged us to organize the 2nd Semmelweis ECMO Course on the 5-6th of October 2018.*

*Dear Colleagues and Friends, it is my privilege to invite You to participate at this 2nd Semmelweis ECMO Course in Budapest, which is the beautiful Capital of Hungary on the 5-6th of October this year. In addition to the Hungarian speakers, you can enjoy the lectures of some five-stars, very well-known speakers as Steven Tsui from Cambridge, Bojan Biocina from Zagreb, Jens Gerbade from Leipzig and Jan Belohlavek from Prague. I do hope that we might welcome You personally among the participants of the Course!*

*See You soon in Budapest!  
Best friendly regards*

**Prof. Zoltan Szabolcs MD Ph.D**

*Head of the Heart Transplant Program at the Semmelweis University  
Head of the Organizing Committee*

# General information

## **ECMO Course**

*Function of ECMO support in acut cardiological care, heart surgery, heart and lung transplantation and pulmonology.*

## **Course date**

*October 05-06, 2018*

## **Course venue**

*Novotel Budapest Centrum  
H-1088 Budapest, Rákóczi út 43-45., Hungary*

## **Main mission**

*Exchange up-to-date local and international information and practice to colleagues who already employ ECMO support or will employ ECMO support in the near future.*

## **Chief of Course**

*Prof. Dr. Zoltán Szabolcs PhD, MSc*

**Secretary:** *Dr. István Hartyánszky PhD, MSc*

## **Official Language**

*The official language of the Congress is English. No translation will be provided.*

## **Insurance**

*The organizers do not accept any responsibility for injuries/damages or losses sustained by anybody or personal belongings during the conference. Participants are strongly advised to carry appropriate travel and health insurance.*

# Preliminary program

## **Strategical consideration of the national ECMO program**

*Prof. Dr. Béla Merkely Ph.D, D.Sc, cardiologist  
(Semmelweis University)*

## **V-A ECMO therapy: theoretical and practical basics**

*Dr. Miklós Pólos, cardiac surgeon (Semmelweis University)*

## **Experiences earned during development of an ECMO program**

*Dr. Levente Fazekas PhD, cardiac surgeon (Semmelweis University)*

## **V-V ECMO therapy: theoretical and practical basics**

Dr. Jenő Elek, anesthesiologist  
(National Institute of Oncology, Budapest)

## **V-V ECMO in the practice of the National Institute of Oncology: introducing a novel therapy**

Dr. Ildikó Madurka, anesthesiologist  
(National Institute of Oncology, Budapest)

## **Possible cannulation techniques and complications in V-A ECMO therapy**

Prof. Dr. Zoltán Szabolcs PhD, cardiac surgeon  
(Semmelweis University)

## **Therapy for vascular complications during peripheral V-A ECMO treatment**

Dr. Zoltán Szeberin PhD, vascular surgeon (Semmelweis University)

## **The role of ECMO support in lung transplantation**

Prof. Dr. György Lang PhD, thoracic surgeon  
(Semmelweis University, Vienna)

## **The philosophy and practice of V-A ECMO support preventing acute primary graft failure**

Dr. István Hartyánszky PhD, cardiac surgeon  
(Semmelweis University)

## **ECMO support in postcardiotomy cardiogenic shock**

Prof. Dr. Bojan Biocina PhD, cardiac surgeon (Zagreb)

## **ECMO in cardiac arrest**

Prof. Dr. Jan Belohlavek PhD, cardiologist (Prague)

## **„Door to ECMO time” – ECLS in Hungarian practice**

Dr. István Édes PhD, cardiologist (Semmelweis University)

## **Ethical considerations in ECMO therapy**

Prof. Dr. Steven Tsui PhD, cardiac surgeon  
(Papworth Hospital, Cambridge)

## **The role and limitations of mechanical circulatory support in pediatric heart failure therapy**

Dr. Edgár Székely, pediatric cardiologist  
(National Institute of Cardiology)

## **Indications for V-A ECMO support in pediatric cardiac transplantation**

Dr. Zsolt Prodán PhD, pediatric cardiac surgeon  
(National Institute of Cardiology)

### **Aims and considerations of intensive care in V-A ECMO therapy**

Dr. Endre Németh anesthesiologist (Semmelweis University)

### **Challenges and special tasks for cardiotechnicians in ECMO support**

Zoltán Barati cardiotechnician (Semmelweis University)

### **The role of IABP support in modern cardiology**

Csaba Sári MD, cardiologist

(National Institute of Cardiology)

### **The presents and the future of long term mechanical circulatory support: heart transplantation or circulatory support?**

Prof. Dr. Jens Garbade PhD, cardiac surgeon (Leipzig)

### **Our experiences with long-term LVAD support: HeartMate II-HeartMate III**

Dr. Balázs Sax Ph.D, cardiologist (Semmelweis University)

### **Fresenius - MEDOS ECMO wet-lab: Getting familiar with ECMO.**

#### **Tips and useful tricks in everyday practice**

Moderator: Csilla Tamás

### **Maquet - Cardiohelp ECMO wet-lab: Tips and useful tricks in everyday practice**

Moderator: Mónika Dénes

### **Case presentations I-III**

## **Registration**

Please register online or use the enclosed registration form; use one form per participant. You may also download the form from the website (below) and submit it electronically.

All applications should be accompanied by full payment of the registration fee. Please note that upon receiving the full amount of the registration fee, a written confirmation of the registration will be sent to you.

**All congress materials will be available at the registration desk at the conference venue during the congress.**

## Registration fees

(27% VAT included)

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Registration for doctors	150 EUR / person
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Registration for nurses	100 EUR / person
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Registration for Phd students	120 EUR / person
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**Registration fee for participants includes:** name badge, congress bag, access to all scientific programs of the Congress, program and abstract book, coffee and soft drink tickets.

## Catering fees

(27% VAT included)

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Lunch on Friday	20 EUR / person
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Lunch on Saturday	20 EUR / person
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## Accommodation

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**Novotel Budapest Centrum \*\*\*\* - (Course venue)**

H-1088 Budapest, Rákóczi út 43-45., Hungary

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Single room with breakfast	115 EUR/room/night
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Double room with breakfast	125 EUR/room/night
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### **Atlas Hotel**

1081 Budapest, Népszínház utca 39-41.  
(10 minutes on foot, 700 m from the course venue)

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Single room with breakfast	55 EUR/room/night
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Double room with breakfast	65 EUR/room/night
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The above prices are inclusive of buffet breakfast, WiFi internet access throughout the hotel, VAT (currently 18%), City Tax (currently 4%).

## **Confirmation, payment**

**Confirmation and corresponding receipt will be sent upon receiving the full payment.**

By registering to the congress you are able to pay for the reserved services either by;

**1.) BANK TRANSFER:** a copy of the bank transfer has to be sent to Convention Budapest Ltd. attached to the registration.

#### **Bank details:**

Bank: K&H Bank

Address: H-1095 Budapest, Lechner Ödön fasor 9, Hungary

Swiftcode: OKHBHUHB.

IBAN: HU26 1020 1006 6019 5559 0000 0000

#### **2.) CREDIT CARD**

Online registration only.

## **Cancellation, refund**

To guarantee any registration the payment of your full stay and your registration fee are required. In case of any cancellation up to 1 September, 2018, costs will be refunded except 50 EUR for administration costs. After this date payments cannot be refunded under any circumstances.



## ***Course office***

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