



*Advanced Heart Failure and  
Transplantation Programme  
Department of Cardiology  
University Medical Center Ljubljana*



**BRANO  
HEART FAILURE  
FORUM**

# **INNOVATIONS AND NEW TREATMENT STRATEGIES IN HEART FAILURE**

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*Fifth Branislav „Brano“ Radovančević International Heart Failure Forum*

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*Programme book*

**September 20st - 22nd 2012  
St. Bernardin Convention Center,  
Portorož, Slovenia**

  
**UTHealth**

  
**TEXAS HEART INSTITUTE**  
*at St. Luke's Episcopal Hospital*

**MEMORIAL  
HERMANN**

## *Programme-at-a-glance*

### THURSDAY, September 20th

ROOM 2

- 8.30 - 8.45 *Welcome Address*
- 8.45 - 9.45 *Update on Regional End Stage Heart Failure Programs*
- 9.45 - 10.15 *Coffee Break*
- 10.15 - 11.45 *Regulations and Economic Aspects of MCS and Heart Transplantation*
- 11.45 - 12.30 *Lunch break: On-X Video*
- 12.30 - 14.00 *Cardiomyopathy: a Uniform Disease?*
- 14.00 - 14.15 *Break*
- 14.15 - 15.30 *LVAD Therapy-Current Perspectives*

### FRIDAY, September 21st

ROOM 1

- 8.00 - 8.30 *Opening of the Symposium*
- 8.30 - 10.00 *Interventions in Heart Failure*
- 10.00 - 10.30 *Coffee Break*
- 10.30 - 12.00 *Challenges in Acute Heart Failure Therapy*
- 12.00 - 13.00 *Lunch Break*
- 13.00 - 14.30 *Novel Technologies in Heart Failure*
- 14.30 - 14.45 *Break*
- 14.45 - 16.00 *Medical Management in Advanced Chronic Heart Failure*
- 16.00 - 16.30 *Coffee Break*
- 16.30 - 17.45 *Complementary Approach to Advanced Heart Failure*
- 18.00 - 19.00 *Satellite Symposium: KRKA*

### SATURDAY, September 22nd

- 9.00 - 10.45 *Mechanical Circulatory Support as a Destination Therapy* ROOM 1
- 9.00 - 10.45 *Heart Failure Nursing I* ROOM 2
- 10.45 - 11.15 *Coffee Break*
- 11.15 - 13.00 *Challenges in LVAD Management* ROOM 1
- 11.15 - 13.00 *Heart Failure Nursing II* ROOM 2

**Round Table 1**

Thursday,  
20/9/2012  
8.45-9.45

**Update on Regional End Stage Heart Failure Programs**

Panel    *Igor Gregorič, MD*                      *Houston, USA*  
              *Bojan Vrtovec, MD, PhD*                *Ljubljana, SLO*  
              *Rajko Radovančević, MD*              *Houston, USA*

- 8.45 - 8.55**    **Treatment of heart failure in Slovenia**  
*Ivan Knežević, MD (Ljubljana, Slovenia)*
- 8.55 - 9.05**    **Donation ratio in Eurotransplant area**  
*Željko Sutlić, MD (Zagreb, Croatia)*
- 9.05 - 9.15**    **Integrated MCS and heart transplantation program at UHC Zagreb**  
*Bojan Biocina, MD (Zagreb, Croatia)*
- 9.15 - 9.25**    **MCS and heart transplant program in Turkey**  
*Ruchan Akar, MD (Ankara, Turkey)*
- 9.25 - 9.35**    **MCS and heart transplant program in Poland**  
*Piotr Przybylowski, MD (Krakow, Poland)*
- 9.35 - 9.45**    **Discussion**

**Round Table 2**

Thursday,  
20/9/2012  
10.15-11.45

**Regulations and Economic Aspects of MCS and Heart Transplantation**

Panel    *Benjamin Sun, MD*                      *Columbus, USA*  
              *Bass deMol, MD*                              *Amsterdam, NED*  
              *Ivan Knežević, MD*                      *Ljubljana, SLO*

- 10.15 - 10.30**    **Gastrointestinal perfusion assessment after LVAD implantation**  
*Egemen Tuzun, MD (Houston, USA)*
- 10.30 - 10.45**    **European drugs/devices ahead of US?**  
*Laura Damme (Riga, LAT)*
- 10.45 - 11.00**    **Economic aspects of VAD therapy**  
*Tina Ivović (Washington, USA)*
- 11.00 - 11.15**    **When and how to refer a heart failure patient to advanced HF program**  
*Karl Nelson (Oklahoma City, USA)*
- 11.15 - 11.30**    **LVAD center in the modern era**  
*Tim Myers (Houston, USA)*
- 11.30 - 11.45**    **Discussion**

**Round Table 3**

Thursday,  
20/9/2012  
12.30-14.00

**Cardiomyopathy: a Uniform Disease?**

Panel    *Željko Sutlić, MD*                      *Zagreb, CRO*  
             *David Taylor, MD*                      *Cleveland, USA*  
             *Miran Šebešljan, MD, PhD*           *Ljubljana, SLO*

**12.30 - 12.45**    **Unusual cardiomyopathies: spongiform to peripartum and beyond**  
*Shamim Badruddin-Mawji, MD (Houston, USA)*

**12.45 - 13.00**    **Restrictive cardiomyopathy**  
*Daniel Planinc, MD (Zagreb, Croatia)*

**13.00 - 13.15**    **Hypertrophic cardiomyopathy-Treatment of HOCM in severe hypertrophy**  
*Konstantin Borisov, MD (Moscow, RUS)*

**13.15 - 13.30**    **Gene therapy for cardiomyopathy patients**  
*Arjan Ruhparwar, MD (Heidelberg, GER)*

**13.30 - 13.45**    **Functional cardiac age as determined from ECG**  
*Vito Starc, MD, PhD (Ljubljana, Slovenia)*

**13.45 - 14.00**    **Discussion**

**Round Table 4**

Thursday,  
20/9/2012  
14.15-15.30

**LVAD Therapy-Current Perspectives**

Panel    *Aly El-Banayosy, MD*                      *Hershey, USA*  
             *Michael Acker, MD*                      *Philadelphia, USA*  
             *Andrae Wasler, MD*                      *Graz, AUT*

**14.15 - 14.30**    **Should non-transplant centers implant VADs?**  
*James Long, MD (Oklahoma City, USA)*

**14.30 - 14.45**    **What level of adverse events is acceptable?**  
*Ulrich Jorde, MD (New York, USA)*

**14.45 - 15.00**    **What is a minimum number of LVADs implanted to minimize adverse events?**  
*Francisco Arabia, MD (Phoenix, USA)*

**15.00 - 15.15**    **When should an LVAD patient be transplanted?**  
*Andrae Wasler, MD (Graz, AUT)*

**15.15 - 15.30**    **Discussion**

**Session 1**  
Friday,  
21/9/2012  
8.30-10.00

### *Interventions in Heart Failure*

*Panel*    *Igor Gregorič, MD*                      *Houston, USA*  
              *Mirta Koželj, MD, PhD*                    *Ljubljana, SLO*  
              *James Long, MD*                              *Oklahoma City, USA*

- 8.30 - 8.45**    **Mitral valve repair in heart failure**  
*Piotr Przybylowski, MD (Krakow, POL)*
- 8.45 - 9.00**    **Percutaneous aortic valve treatment: future perspectives**  
*Matjaž Bunc, MD, PhD (Ljubljana, SLO)*
- 9.00 - 9.15**    **Concomitant mitral valve repair and resynchronization therapy**  
*Saša Borović, MD (Belgrade, SER)*
- 9.15 - 9.30**    **Complex coronary interventions for ischemic cardiomyopathy**  
*Srikanth Damaraju, MD (Houston, USA)*
- 9.30 - 9.45**    **CMP of the left ventricle: the surgical challenge for " too narrow or too wide"**  
*Bass deMol, MD (Amsterdam, NED)*
- 9.45 - 10.00**    **Discussion**

**Session 2**  
Friday,  
21/9/2012  
10.30-12.00

### *Challenges in Acute Heart Failure Therapy*

*Panel*    *Francisco Arabia, MD*                      *Phoenix, USA*  
              *Richard Smalling, MD*                    *Houston, USA*  
              *Bass deMol, MD*                              *Amsterdam, NED*

- 10.30 - 10.45**    **Percutaneous ventricular support in acute heart failure**  
*Andrew Civitello, MD (Houston, USA)*
- 10.45 - 11.00**    **The role of ECMO in acute heart failure**  
*Aly El-Banayosy, MD (Hershey, USA)*
- 11.00 - 11.15**    **VSD requiring MCS**  
*Igor Gregorič, MD (Houston, USA)*
- 11.15 - 11.30**    **TAH for acute VSD?**  
*Ivan Knežević, MD (Ljubljana, SLO)*
- 11.30- 11.45**    **Inotropic support in acute decompensation of chronic heart failure**  
*Gregor Poglajen, MD, PhD (Ljubljana, SLO)*
- 11.45 - 12.00**    **Discussion**

Special  
Session  
Friday,  
21/9/2012  
13.00-14.30

### *Novel Technologies in Heart Failure*

Panel *Igor Gregorič, MD* *Houston, USA*  
*Stephen Westaby, MD* *Oxford, UK*  
*Francisco Arabia, MD* *Phoenix, USA*

**13.00 - 13.15 The Total Artificial Heart - Finally In Primetime!**

*Michael Garippa (Tuscon, USA)*

**13.15 - 13.30 ROADMAP and beyond**

*Laura Damme (Riga, LAT)*

**13.30 - 13.45 The Tandem Heart Advantage**

*Jerry Stokes (Pittsburg, USA)*

**13.45 - 14.00 HeartWare: next generation devices**

*Dan Tamez (Framingham, USA)*

**14.00 - 14.15 Remote monitoring experience with LVAD patients**

*Terry McCarthy (Houston, USA)*

**14.15 - 14.30 Discussion**

Session 3

Friday,  
21/9/2012  
14.45-16.00

### *Medical Management in Advanced Chronic Heart Failure*

Panel *Daniel Planinc, MD* *Zagreb, CRO*  
*Andrew Civitello, MD* *Houston, USA*  
*Bojan Vrtovec, MD* *Ljubljana, SLO*

**14.45 - 15.00 Novel targets of medical therapy**

*Frank Ruschitzka, MD (Zurich, CHE)*

**15.00 - 15.15 Approach to decompensated chronic heart failure**

*David Taylor, MD (Cleveland, USA)*

**15.15 - 15.30 The role of aldosterone antagonists in heart failure**

*Miran Šebešljen, MD, PhD (Ljubljana, SLO)*

**15.30 - 15.45 Clinical dilemmas in everyday heart failure management**

*Marko Gričar, MD (Ljubljana, SLO)*

**15.45 - 16.00 Discussion**

Session 4  
Friday,  
21/9/2012  
16.30-17.45

**Complementary Approach to Advanced Heart Failure**

Panel     *David Taylor, MD*                     *Cleveland, USA*  
              *Ulrich Jorde, MD*                         *New York, USA*  
              *Zoran Trifunović, MD*                       *Zagreb, CRO*

**16.30 - 16.45**     **Stem cell therapy**  
*Bojan Vrtovec, MD, PhD (Ljubljana, SLO)*

**16.45 - 17.00**     **Gene-expression profiling**  
*Michael Pham, MD (Stanford, USA)*

**17.00 - 17.15**     **Percutaneous left ventricular partitioning - update**  
*Serjan Nikolić (San Francisco, USA)*

**17.15 - 17.30**     **Current status of cardiac resynchronization therapy in heart failure**  
*Igor Zupan, MD, PhD (Ljubljana, SLO)*

**17.30 - 17.45**     **Discussion**

Satellite  
Symposium  
Friday,  
20/9/2011  
18.00-19.00

**KRKA Satellite Symposium  
State-of-the-heart Challenge**

**18.00**             **Coronary artery disease and heart failure: the crossroads**  
*Bojan Vrtovec, MD, PhD (Ljubljana, SLO)*

**18.30**             **ESC/ESA dyslipidemia guidelines: Just when we thought we knew it all ...**  
*Borut Jug, MD, PhD (Ljubljana, Slovenia)*

**Session 5**

Saturday,

22/9/2012

9.00-10.45

***Mechanical Circulatory Support as a Destination Therapy***

*Panel*    *Evgenij Potapov, MD*                      *Berlin, GER*  
              *Matteis Loebe, MD*                              *Houston, USA*  
              *James Long, MD*                                 *Oklahoma city, USA*  
              *David Taylor, MD*                                *Cleveland, USA*

**9.00 - 9.15    Patient selection for destination therapy**

*Benjamin Sun, MD (Columbus, USA)*

**9.15 - 9.30    A computational model to compare pulsatile and continuous flow LVADS**

*Richard Smalling, MD (Houston, USA)*

**9.30 - 9.45    Heart transplantation or rotary blood pumps?**

*Stephen Westaby, MD (Oxford, UK)*

**9.45 - 10.00    Aortic valve problems with VADs**

*Michael Acker, MD (Philadelphia, USA)*

**10.00 - 10.15    Early and late right ventricular failure**

*Evgenij Potapov, MD (Berlin, GER)*

**10.15 - 10.45    Discussion**



**Special  
Session**

Saturday,  
22/9/2012  
11.15-13.00

**Challenges in LVAD Management**

<i>Panel</i>	<i>Igor Gregorič, MD</i>	<i>Houston, USA</i>
	<i>Benjamin Sun, MD</i>	<i>Columbus, USA</i>
	<i>Stephen Westaby, MD</i>	<i>Oxford, UK</i>
	<i>Michael Acker, MD</i>	<i>Philadelphia, USA</i>
	<i>Piotr Przybylowski, MD</i>	<i>Krakow, POL</i>

**11.15 - 11.20 GI bleeding and continuous LVAD: Is intensive screening justified? Yes.**  
*Ulrich Jorde, MD (New York, USA)*

**11.20 - 11.25 GI bleeding and continuous LVAD: Is intensive screening justified? No.**  
*Sotirios Spiliopoulos, MD (Göttingen, GER)*

**11.25 - 11.30 Rebuttal**

**11.30 - 11.35 Panel voting**

**11.35 - 11.45 Discussion**

**11.45 - 11.50 Long-term mechanical support increases risk of thrombosis**  
*Aly El-Banayosy, MD (Hershey, USA)*

**11.50 - 11.55 Long-term mechanical support does not increase risk of thrombosis**  
*Matteis Loebe, MD (Houston, USA)*

**11.55 - 12.00 Rebuttal**

**12.00 - 12.05 Panel voting**

**12.05 - 12.15 Discussion**

**12.15 - 12.20 BiVAD for the treatment of biventricular failure**  
*Evgenij Potapov, MD (Berlin, GER)*

**12.20 - 12.25 Treatment of biventricular failure with TAH**  
*Francisco Arabia, MD (Phoenix, USA)*

**12.25 - 12.30 Rebuttal**

**12.30 - 12.35 Panel voting**

**12.35 - 12.45 Discussion**

**Symposium I**

Saturday,  
22/9/2012  
9.00-10.45

***Heart Failure Nursing I***

- 9.00 - 9.15**    **Outpatient management of patients with heart failure**  
**Vodenje bolnikov s srčnim popuščanjem v ambulanti za srčno**  
**popuščanje**  
*Tanja Žontar, RN (Golnik, SLO)*
- 9.15 - 9.30**    **Outpatient follow-up of heart failure patients under nurse**  
**supervision**  
**Ambulantno spremljanje bolnikov s srčnim popuščanjem pod**  
**nadzorom**  
*Katja Janša Trontelj, RN (Ljubljana, SLO)*
- 9.30 - 9.45**    **Computer-based management of heart failure patients in GH Slovenj**  
**Gradec**  
**Računalniško vodenje bolnikov s srčnim popuščanjem v SB Slovenj**  
**Gradec**  
*Majda Kladnik, RN (Slovenj Gradec, SLO)*
- 9.45 - 10.00**    **Hospital management of heart failure patients - role of a nurse in**  
**management of patients undergoing stem cell transplantation**  
**Bolnišnična obravnava bolnikov s srčnim popuščanjem - vloga MS pri**  
**transplantaciji matičnih celic**  
*Sabina Ocepek, RN (Ljubljana, SLO)*
- 10.00 - 10.15**    **Stem cell harvest in heart failure patient**  
**Odvzem matičnih celic pri kardiološkem bolniku**  
*Andreja Nunar-Perko, RN (Ljubljana, SLO)*
- 10.15 - 10.45**    **Discussion**

**Symposium II**

Saturday,  
22/9/2012  
11.15-13.00

**Heart Failure Nursing II**

- 11.15 - 11.30 Stem cell transplantation using NOGA system - the system setup**  
**Transplantacija matičnih celic s sistemom NOGA - priprava sistema**  
*Hinko Urbančič, RN (Ljubljana, SLO)*
- 11.30 - 11.45 Stem cell transplantation using NOGA system - cell application**  
**Transplantacija matičnih celic s sistemom NOGA - aplikacija celic**  
*Ana Čerpnjak, RN (Ljubljana, SLO)*
- 11.45 - 12.00 Management of LVAD patients**  
**Zdravstvena nega bolnikov z mehansko cirkulatorno podporo**  
*Simon Koletnik, RN (Ljubljana, SLO)*
- 12.00 - 12.15 Optimization of LVAD patients' length of stay in the ICU**  
**Optimizacija hospitalizacije v EIT pri bolnikih z LVAD**  
*Helen Lazar, RN (Houston, USA)*
- 12.15 - 12.30 Management of TAH patients**  
*Vloga medicinske sestre pri obravnavi bolnika s TAH*  
*Robert Novak, RN (Ljubljana, SLO)*
- 12.30 - 12.45 Patient management before and after heart transplantation**  
**Zdravstvena nega bolnika pred transplantacijo srca in po njej**  
*Vesna Andročec, RN (Ljubljana, SLO)*
- 12.45 - 13.00 Discussion**



**See You in September 2013!**

