

## 15. DHZB Lange Symposium

### End Stage Heart Failure in Congenital Heart Disease - Dead End Road or Any Way Out?

Saturday,  
21.09.19

08:30	Opening	Speaker(s)
09:00	Welcome and "Warm up"	Berger

#### I. Heart Failure - Basics

09:15	Genetic basics	Hübner
09:35	Molecular aspects	Pieske
09:55	Gender aspects	tbd
10:15	Modern imaging	Beerbaum

10:35	Break
-------	-------

#### II. Specific Aspects of CHD

11:05	Heart failure as a measurement of failing cross-talk	Uebing
11:25	Primary cardiomyopathy - Alternative concepts to avoiding transplantation	Jux
11:45	Preparing the heart for a double switch operation	Brizard
12:05	Univentricular Heart - Paradigm for life-long heart failure	Helbing

12:25 Lunch

**III. Pacemaker / Arrhythmia / Home Monitoring**

14:00	Arrhythmia and heart failure - What triggers what?	Will
14:20	Resynchronization - Is it worth long term / HIS pacing?	Blom
14:40	Computational modeling in cardiac resynchronisation therapy	Niederer
15:00	Microcurrent stimulation - A new option for triggering reverse remodelling?	Müller
15:20	Novel sensors for electronic remote monitoring for heart failure	Butter

15:40 Break

**IV. Mechanical Circulatory Support**

16:10	MCS - Available techniques / devices	Potapov
16:30	Bridge to recovery	Miera
16:50	The idea of the perfect pump	Granegger
17:10	Final destination - A real option for CHD	Zimpfer
17:30	Life with a ventricular assist device	Patient / Moderator

17:50 **Get Together**

22.09.19

**Sunday Morning Highlight Lecture**

09:30 Christian Barnard - 50 years heart transplantation Heinemann

**V HTX - Endstage Solution**

10:00 Long-term outcome Schubert

10:20 Selection criteria in CHD and specifics in GUCH Simon

10:40 Immunological challenges and sensitisation Urschel

11:00 Xenotransplantation Knosalla

11:20 Coffee Break

**VI. New and Different Thinking**

11:50 Mitochondria transplantation - Reality or fiction Weixler

12:10 Organ on a chip tbd

12:30 Decision Support System - App-based medicine Türk

12:50 Ultra High Frame Rate Echocardiography Voigt

13:10 Lunch Break

**Keynote Lecture**

14:10 Why Artificial Intelligence no longer Science-Fiction Hermann

**VII. Medical Treatment and Prevention**

14:40 Is standard heart failure treatment applicable for CHD? Diller

15:00 Remote patient management Köhler

15:20 Can exercise reverse the heart failure process? Thouet

15:40 Training in CHD patients Ovroutski

16:00 Closing remarks

16:05 End

*Changes to the program may be necessary*