



Teach programme

Thursday 24th May 2018

8:00-8:30

Introduction / Overview

Marc Dickstein

8:30-11:00

Session 1: Basics Principles

8:30-9:30 Pressure-Volume Relations and Analysis of:

- Preload
- Afterload
- Contractility
- Diastole
- Starling Curves

Dan Burkhoff

9:30-10:15 Hemodynamics of Cardiogenic Shock and Mechanical Circulatory Support - Jiri Maly

10:15-11:00 - Physiology of Gas Exchange -- ECMO Basics - Marc Dickstein

11:00-11:15 Break

11:15-13:15

Session 2: Clinical Applications

Moderator: Marc Dickstein, **Panelists:** Jan Belohlavek, Petr Ostadal, Leonardo Salazar, Bishoy Zakhary, Ivan Netuka

11:15-11:45 Case 1: VV ECMO: Systemic Hypoxemia

11:45-12:15 Case 2: VA ECMO: Harlequin Syndrome

12:15-12:45 Case 3: VA ECMO: Loss of Pulsatility/Venting

12:45-13:15 Case 4: BiVentricular Failure

13:15 Adjourn

