

## ERA-EDTA COURSE

International Centre of Biocybernetics

# Management of fluid overload in dialysis patients

October 21-23, 2016, Warsaw, Poland

### Program

**Day 1** **Friday, 21<sup>st</sup> October 2016**

- 13:30 – 18:00**      **Registration Open**
- 14:30 – 15:30**      **Pre-Course Introductory Lectures (optional):  
Basis of Mathematical Modeling in Dialysis**
- 14:30 – 15:00      How to start modeling of HD?  
*Malgorzata Debowska*
- 15:00 – 15:30      Modeling of peritoneal dialysis  
*Joanna Stachowska-Pietka*
- 16:00 – 16:30**      **Welcome and Introduction**  
*Piotr Ladyzynski, Bengt Lindholm and Jacek Waniewski*
- 16:30 – 17:00**      **Welcome address from the ERA-EDTA President**  
*Andrzej Wiecek*
- 17:00 – 18:00**      **Opening Lectures**
- 17:00 – 17:30      Overview lecture: Clinical consequences of fluid overload in Chronic  
Kidney Disease patients  
*Andrzej Wiecek*
- 17:30 – 18:00      Importance of fluid status in dialysis patients  
*Jeroen Kooman*
- 18:00 – 20:00**      **Welcome Reception**

**Day 2** **Saturday, 22<sup>nd</sup> October 2016**

- 9:00 – 10:30**      **General Fluid Overload Session**
- 9:00 – 9:30      Timing of dialysis initiation: Fluid status is more important than eGFR  
*Bengt Lindholm*
- 9:30 – 10:00      Fluid overload in HD: Optimizing fluid removal in HD  
*Wojciech Zaluska*
- 10:00 – 10:30      Fluid overload in PD: Optimizing fluid removal in PD  
*Simon Davies*
- 10:30 – 11:00**      **Meet the teacher combined with coffee break**

- 11:00 – 12:30 Hemodialysis Session I**
- 11:00 – 11:30 Fluid removal by HDF, HF and HD  
*Adrian Covic*
  - 11:30 – 12:00 BIA-guided fluid management in HD  
*Elizabeth Lindley*
  - 12:00 – 12:30 Blood volume-guided fluid management in HD  
*Daniel Schneditz*
- 12:30 – 14:00 Lunch**
- 14:00 – 15:00 Hemodialysis Session II**
- 14:00 – 14:30 Plasma volume changes in HD  
*Daniel Schneditz*
  - 14:30 – 15:00 Plasma refilling during HD  
*Mauro Pietribiasi*
  - 15:00 – 15:30 Kinetics of fluid removal in HD  
*Jacek Waniewski*
- 15:30 – 16:00 Meet the teacher combined with coffee break**
- 16:00 – 17:30 Peritoneal Dialysis Session 1**
- 16:00 – 16:30 Managing fluid overload in PD: Clinical aspects  
*James Heaf*
  - 16:30 – 17:00 Optimizing fluid removal in PD based on bioimpedance  
*Wim van Biessen*
  - 17:00 – 17:30 Optimizing fluid removal in PD without using bioimpedance  
*Olof Heimbürger*

**Day 3**

**Sunday, 23<sup>rd</sup> October 2016**

- 8:30 – 9:30 Poster and meet expert session and coffee/tea**
- 8:30 – 9:30 Informal discussions on the topic and expert of your choice  
*PD: Bengt Rippe, Bengt Lindholm, Simon Davies, Olof Heimbürger, Wim van Biessen, James Heaf*  
*HD: Daniel Schneditz, Adrian Covic, Elizabeth Lindley, Jeroen Kooman, Wojciech Zaluska*  
*Pre-dialysis, AKI and HF: Olof Heimbürger, Kai Harenski, Adrian Covic*
- 9:30 – 10:30 Peritoneal Dialysis Session II**
- 9:30 – 10:00 UF with different PD solutions  
*Malgorzata Debowska*
  - 10:00 – 10:30 Factors influencing fluid removal in PD  
*Joanna Stachowska-Pietka*
- 10:30 – 11:00 Meet the teacher combined with coffee break**
- 11:00 – 12:30 Peritoneal Dialysis Session III**
- 11:00 – 11:30 Predicting sodium removal during PD using kinetic modeling  
*Ken Leypoldt*
  - 11:30 – 12:00 Fluid removal during very long dwells in PD  
*Zofia Wankowicz*
  - 12:00 – 12:30 Modeling fluid removal in PD  
*Bengt Rippe*
- 12:30 – 13:30 Lunch**

**13:30 – 15:00      Other fluid overload conditions: CKD pre-dialysis, AKI and HF**

13:30 – 14:00    Managing fluid overload in CKD-5ND patients

*Olof Heimbürger*

14:00 – 14:30    Managing fluid overload in AKI patients

*Kai Harenski*

14:30 – 15:00    Managing fluid overload by dialytic therapies in heart failure

*Adrian Covic*

**15:00 – 15:15      Closing Remarks**