

ERA-EDTA COURSE

International Centre of Biocybernetics

Management of fluid overload in dialysis patients

October 21-23, 2016, Warsaw, Poland

Program

Day 1 **Friday, 21st 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, 22nd 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, 23rd 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