



*The Intensive Connection*

## **Minutes ESICM Acute Kidney Injury section meeting**

Venue: LIVES 2019, Berlin

Date: 1 October 2019

### **Present:**

Eric Hoste, Marlies Ostermann, Antoine Schneider, Miet Schetz, Michael Joannidis, Thomas Rimmelé, Olivier Joannes-Boyau, Jacques Duranteau, Michael Darmon, Kent Doi, Michael Hulström, Susanne Stads, Ilona Bobek, Renshe Wiersema, Jacqueline Koeze, Jan Zijlstra, Matijs van Meurs, Jakub Smiechowill, Patrick Honoré, John Prowle, Syed Mohammad Reza, Je Hyeok Oh, Greet De Vhigu, Manu Malbrain, Kai Singbartl, Alexander Zarbock, Zhiyong Peng, Melda Turkoglu, Carole Ichai

### **INTRODUCTION**

Eric Hoste welcomed the group and explained that it would be his last meeting as Chair of the AKI section and that Marlies Ostermann and Antoine Schneider would be taking over as new Chair and Deputy Chair. The group thanked him for all his contributions in the last years in his roles as Chair and Deputy Chair.

### **CONGRESS ISSUES**

#### LIVES 2019

The AKI section made a significant contribution to LIVES 2019. Several new speakers were invited to give talks and take on chairing roles.

#### RRT Masterclass

Antoine Schneider gave a summary of the RRT Masterclass which was held during LIVES 2019. Please see attached presentation.

#### “AKI as a syndrome”

This joint meeting with the MEN section was held in Nice in June 2019 and received very good feedback from participants.

#### AKI Round Table:

This 1-day meeting was held in Paris in 2019. The results of the meeting have been accepted for publication in Intensive Care Medicine Experimental. The research proposals will now be



*The Intensive Connection*

taken forward by individual members of the section. Everybody is welcome to participate (see below)

## **RESEARCH**

In his new role of Deputy Chair, Antoine Schneider will represent the AKI section in the ESICM research committee.

### Current studies:

- i) STARRT AKI: multi-centre RCT comparing accelerated versus standard initiation of RRT for AKI; recruitment was completed in September 2019
- ii) PrevAKI II: multi-centre RCT evaluating biomarker guided prevention of AKI after cardiac surgery; recruitment was completed in October 2019
- iii) REVERSE AKI: multi-centre feasibility RCT comparing restrictive versus standard fluid management in patients with AKI; reached 87% recruitment target so far and is expected to finish in early 2020

### **New research proposals:**

#### i) Proposals from AKI Round Table

At the AKI Round table in 2018, research proposals related to AKI epidemiology, management and RRT were developed. (see appendix 1) The projects are open to all members of the AKI section. Individual members have already agreed to act as Lead coordinators. Anybody who is interested in participating should contact Antoine and/or the Lead Coordinator.

#### ii) Applications for support from Systematic reviews group:

The ESICM Systematic reviews group invited applications for support of systematic reviews. The AKI section submitted 2 proposals from the recent AKI Round table (“Association between mean arterial pressure and acute kidney injury in critically ill adult patients” and “Solute clearance during continuous renal replacement therapy”). The outcome is awaited.

## **E-LEARNING**

Miet Schetz and Marjel van Dam have been successfully leading the e-learning project for >2 years. The ESICM e-learning Academy is planning to obtain formal accreditation of the



*The Intensive Connection*

programme. Several members of the AKI section have already contributed to the revision of chapters but more chapters need to be updated. Miet will contact the authors separately.

### **COMMUNICATION / WEBSITE / SOCIAL MEDIA**

Jacques Duranteau explained that the ESICM is very keen for sections to communicate their activities on the website, to engage in social media and to be visible on the ESICM website. Following the section meeting, Michael Darmon agreed to act as the communications officer of the AKI section. He will work closely with Adrian Wong, new Chair of Editorial & Publishing Committee.

### **JOURNAL CLUB**

All sections are expected to present a brief review of a relevant article every 4-6 weeks on the website. At present, Barbara Philips, Ilona Bobek and Sebastian Klein are creating these reviews on behalf of the section. Members are invited to participate. Please contact Marlies Ostermann for further details.

### **ANY OTHER BUSINESS**

1. Professor John Kellum will be awarded Honorary Membership to the ESICM for his contributions to Critical Care Nephrology and AKI.
2. A 2-day RRT Masterclass will be held in May 2020 in the ESICM head office in Brussels. (see attached presentation by Antoine Schneider)

### **Appendix 1**

#### **Research projects proposed at AKI Round Table 2018**



*The Intensive Connection*

		Design	Responsible	Co-Responsibles
<b>Epidemiology of AKI</b>				
A1	Influence of patient's population and diagnostic criteria on AKI epidemiology	Meta-analysis / meta-regression and multivariable meta-regression	M. Darmon	AS JP LF
A2	Impact of AKI duration on patients centered outcomes	Retrospective observational multicenter study	A. Schneider	EH MD LF
<b>AKI Medical Management</b>				
B1	MAP target and outcomes in hypertensive critically ill patients	Systematic review and meta-analysis	M. Van Dam / M. Osterman	AZ ML
B2	MAP target and outcomes in hypertensive critically ill patients	Multicenter RCT	To follow	
<b>RRT for AKI</b>				
C1	Solute clearance according to CRRT modality, a systematic review	Systematic review and meta-analysis	O. Joannes Boyau	MJ TR
C2	Current CRRT utilization	Survey based observational study	T. Rimmelé	OJB MJ ML AS LF
C3	Solute clearance according to CRRT modality	Prospective observational study	T. Rimmelé	MJ OJB

MD: Michael Darmon  
 EH: Eric Hoste  
 MJ: Michael Joannidis  
 OJB: Olivier Joannes Boyau  
 LF: Lui Forni  
 ML: Matthieu Legrand

MO: Marlies Ostermann  
 JP: John Prowle  
 TR: Thomas Rimmelé  
 AS: Antoine Schneider  
 M: Marjel van dam

**Authorship rule:** Authors working on the project (responsible last) on behalf of the AKI section of the ESICM