

Minutes ESICM Acute Kidney Injury section meeting

Venue: LIVES 2018, Paris

Date: 23 October 2018

Present: Eric Hoste, Marlies Ostermann, Thomas Rimmelé, Antoine Schneider, Olivier Joannes-Boyau, John Prowle, Michael Joannidis, Ilona Bobak, Matthieu Legrand, Suvi Vaara, Marjel van Dam, Lia Baraldini, Sebastian Klein, Dmitry Sokolov, Rubatto Nahuel, Kent Doi, Patrick Honoré, Miet Schetz, Valentin Fuhrmann, Michael Darmon, Anne Cornelia de Pont, Heleen Oudemans, Jacques Duranteau, Joana Benger-Esheila, Claire Stigare, Zhiyong Peng, Barbar Saber, Calvino Silvia, Mara Slessarev, Greet De Vhiger, Per Ederoth

WG liver and pancreatobiliary failure

Valentin Fuhrmann presented proposals of the MENN section for potential future collaboration. Liver failure is an emerging issue in the ICU where there is a close link with our specialty (AKI, use of extracorporeal therapies). The following proposals were discussed:

- Extracorporeal therapies in liver failure:
 - a. Development of Position paper
 - b. Research agenda and further clinical studies
- Cirrhosis in the ICU study (C-ICU):
 - a. 1 month prospective cohort study on all cirrhotic patients admitted in the ICU. The protocol for this study is being designed.

AKI section members interested in participating in these initiatives are invited to contact EH or MO

RRT masterclass



Antoine Schneider reported on the masterclass which took place on Sunday 21 October 2018. This 1-day course had 50 participants (doctors and nurses). The participants received pre-course teaching material and a test. The course consisted of plenary sessions and group hands-on sessions, including handling of CRRT machines. Six CRRT machines were available. Feedback from participants was good to excellent.

Suggestions for potential improvement of future RRT masterclasses:

- Rotation of groups to allow exposure to different types of CRRT machines
- Send out the pre-course material more early
- The interactive case-discussion should be more “basic” and faculty could act as pro/con
- Electronic voting system
- Larger venue to allow greater distance between work stations

E-learning

The group thanked Miet Schetz and Marjel van Dam for ongoing leadership of the e-learning group of our section. All PACT modules have been transferred into electronic format. Miet and Marjel reported that they continue to work in close contact with the ESICM Division of Professional development (DPD) and are in the process of exploring new teaching opportunities.

Website

In a previous section meeting, Ilona Bobek and Barbara Philips volunteered to develop new ideas for the ESICM AKI section website and to keep it live. It was acknowledged that regular updates, and mails/tweets or other social media referrals are key to make the website a valuable tool. A regular journal watch was mentioned as a potential service for our section members. Input from AKI section members is welcomed. After the meeting, Sebastian Klein volunteered to join Ilona and Barbara.

AKI Round Table (ART) on pragmatic and collaborative research

Eric Hoste reported on a new initiative of the section. This round table took place pre-LIVES2018 on Saturday 20 October with the aim to identify important topics for future research for the AKI section. It was agreed that the proposals needed to be pragmatic in order to allow as many section members/groups to participate (**collaborative**), i.e. feasible without or little funding and addressing basic questions [for instance: use of an AKI bundle (PrevAKI), or preventing fluid overload (Reverse AKI)].

The workgroup will finalize a manuscript Dec 2018.

Research Update

Marlies Ostermann reported on the research activity of our section.

- a. Completed studies:
PEACE – manuscript preparation
- b. Active studies:
 - i. STARRT AKI (PI's: Sean Bagshaw and Ron Wald)
135 active sites, 2229 patients randomized (77%). DSMB had an interim analysis after 50% enrollment and after analysis of the safety data advised to continue as planned.

- ii. PrevAKI (PI Alex Zarbock)
Multicenter in Germany, Italy, Belgium, Spain, and UK
>10 active sites
Expected to finish in 2019

- iii. Reverse AKI (PI Suvi Vaara)
Multicenter trial, recruiting in 3 centers so far but more sites are in the process of being activated.
Expected to finish in 2019

Section leadership

Next LIVES conference will be the third and last year of Eric and Marlies acting as chair and deputy of this section. There will be a call for a new chair and deputy in spring/summer 2019. This is a democratic process and all AKI section members are invited to consider applying for these 2 positions.