Minutes ESICM Acute Kidney Injury section meeting

Venue: LIVES 2019, Berlin
Date: 1 October 2019

Present:

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
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
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
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<thead>
<tr>
<th>Design</th>
<th>Responsible</th>
<th>Co-Responsible</th>
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<tbody>
<tr>
<td><strong>Epidemiology of AKI</strong></td>
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<tr>
<td>A1 Influence of patient’s population and diagnostic criteria on AKI epidemiology</td>
<td>Meta-analysis / meta-regression and multivariable meta-regression</td>
<td>M. Damron</td>
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<td>A2 Impact of AKI duration on patient-centered outcomes</td>
<td>Retrospective observational multicenter study</td>
<td>A. Schneider</td>
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<td><strong>AKI Medical Management</strong></td>
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<td>BI MAP target and outcomes in hypertensive critically ill patients</td>
<td>Systematic review and meta-analysis</td>
<td>M. Van Dam / M. Cramer</td>
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<td>BL MAP target and outcomes in hypertensive critically ill patients</td>
<td>Multicenter RCT</td>
<td>To follow</td>
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<td><strong>RRT for AKI</strong></td>
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<tr>
<td>CI Solute clearance according to CRRT modality, a systematic review</td>
<td>Systematic review and meta-analysis</td>
<td>C. Joannes Beya</td>
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<tr>
<td>C2 Current CRRT utilization</td>
<td>Survey based observational study</td>
<td>T. Rimmert</td>
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<tr>
<td>C3 Solute clearance according to CRRT modality</td>
<td>Prospective observational study</td>
<td>T. Rimmert</td>
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**Authorship note:** Authors working on the project (responsible last) on behalf of the AKI section of the ESICM