

AKI section meeting, Jan 21st 2025

Chair: John Prowle

Minutes

Research

Antoine Schneider and Eric Hoste provided an update of the AKI-EPI-2 study which has received approval by the University of Ghent and is under setup in several countries. They are seeking formal ESICM endorsement via the Research Committee but of course, have our strong backing of the section-initiated activity. Please contact Eric or Antoine for your country organiser:

<https://www.ualberta.ca/en/critical-care/research/aki-epi-2/contacts.html>

The Research Awards 2025 timeline has been finalised:

- Short application platform opens on 1 February 2025 with a deadline of 16 March, extendable to 31 March.
- Pre-selection meeting scheduled for the second half of April.
- Full applications are due by the end of June, followed by a review over the summer.
- Final selection meeting planned for late August or early September, with awards presented during LIVES 2025 in Munich.

See <https://www.esicm.org/research/awards/>

The section has had a lot of success in the past with awards – please contact Silvia DeRosa or myself for advice if needed also see the video presentation from Nuttha Lumlertgul at the above link.

Education

We introduced our new educational pathway the *Intensive Care Nephrology* Pathway – led by Bairbre McNicolas and supported by myself.

The introductory webinar is scheduled for 25 Feb. 2025 and will thereafter be available to watch again on the ESICM website with full details of the pathway.

Pathway summary:

Given that the scope of the pathway is wider than AKI alone, I have proposed a little of ‘Intensive Care Nephrology’:

- The Content will be organised into three levels based on ESICM educational policy
 - Level 1:** Foundational concepts and understanding of AKI and RRT for early-stage learners.
 - Level 2:** Application of key concepts in clinical practice and advancement of analytical skills.
 - Level 3:** Advanced learners focused on research, mentoring, and service development.
- The pathway will run over 18 months and then roll over to repeat.
- E-learning and webinars in person and online teaching will be integrated reflecting the reorganisation of the ESICM education and training committee.
- Level 1 and foundation content will be covered by e-learning and a Level 1 Online Activity which will replace the existing CRRT Masterclass in May 2025. Antoine Schneider and Eric Hoste have agreed to lead this course

- Level 2 content will be supported by a pre-LIVES25 congress in-person course (Subject to approval by the conference committee)
- Level 3 content will involve advanced topics including research/protocol development/multidisciplinary management and run in 2026 likely as an in-person event – This will be supported by senior faculty
- Other faculty are being identified to lead the overall content of each level – many thanks to all that have replied -see webinar for details
- We are now seeking to refine Level 1 content, which is focused on providing a foundational understanding of AKI and RRT through clear, concise, and targeted educational materials, via a Delphi exercise. The process involves appropriate experts (yourselves) completing a Google Forms survey, structured into two sections:
 - Ranking key topics and subtopics for Level 1 education.
 - Offering comments and suggestions for further refinement

The survey has been designed to take approximately **15 minutes** to complete. **Survey Link:** [GoogleFormLink](#). We kindly request your completed survey by **29 January 2025, 5 pm GMT**.

Guideline development

We've had an approach from the guidelines committee Thilo von Groote & Daniele Poole from the ESICM methodology group.

My apologies, as time was limited and I did not see the slides I was sent

In summary

Any individual or group may bring forward proposals for ESICM guidelines

Steps:

- Main topic is agreed on
- Definition of one or several PICOs (population, intervention, comparison, outcome)
- A core group of guideline leads is put together
- A group of experts, people with lived experience and statisticians is invited
- Guideline development
- Can be done together with other scientific societies/organisations
- These are submitted to Intensive Care Medicine for publication first
- There is interest in a guideline involving this section
- Any topic can be suggested. They must not be directly AKI-related but could be associated with the AKI section where there is expertise, e.g.
 - Diuretics therapy in critically ill patients
 - Hepatorenal syndrome
 - Management of critically ill patients with chronic kidney disease
 - Etc.

However, the currently ongoing revision of the KDIGO-AKI guidelines means that we should consider a slightly more restricted topic area for consideration.

In the first instance, an area with RCT evidence would be preferable.

Please contact me with any suggestions that we can take to Thilo and his team. I will liaise with Marlies Ostermann to check for areas where there would be direct overlap with the KDIGO-AKI process.

Social Media / Podcasts

We had a successful webinar on new developments in intensive care nephrology in December and this can be viewed at <https://www.esicm.org/new-webinar-recent-developments-intensive-care-nephrology/>

I will liaise with Carline Neumann regarding ongoing podcasts and other activities

New proposals/endorsements/activities/surveys

I have had a request from Stephan Gaudry and Matthieu Legrand to endorse a questionnaire for intensivists to assess current renal replacement therapy practices in the ICU. While we are generally supportive of all such requests and happy to promote activities to the section members section, we have conducted a couple of surveys of RRT practice in the last 3 years, one of which is in-press and there is likely to be some response fatigue. In any case, endorsement of surveys is via the research committee not via the sections – I understand Stephan has, I believe, made an application via the ESICM website (under the research tab). I'm happy to bring survey ideas to section meetings for further discussion and review before formal submission

AOB

In October 2025, we will need new section representatives for the Education, Research and Social Media committees please contact me or Thomas Rimmele (Incoming section chair) if you are interested.

Next meeting

- Hybrid meeting during the Brussels ISICEM meeting at the ESICM Offices, tentatively on 20 March 2025 at 12:30 (room availability- TBC) - this would be followed by an AKI-EPI 2 investigator meeting.
- Don't forget The ICN pathway launch webinar on 25/2/25

John Prowle
22 January 2025