

Meeting at LIVES Paris

October 25, 2022 - 10:30-12:00

Room location to be announced in time

10:30 – 11:00 Meeting of the FREM WG on GI function (see separate agenda and separate minutes)

Agenda

1) Call to action

- a. all members are invited to interact before the online and de visu meetings, don't be shy! Particularly when participating in specific working group meetings, please read the proposals & prior minutes and send your suggestions before the meeting. Also, try to be aware of the work already conducted and published. The working group leaders invest a lot in our section and we can all help them to increase the return on their investments.
- b. We are striving at a section covering all ages, specialities, gender orientations and geographic regions, please feel welcome to participate and to propose yourself for specific tasks. Ideally, every FREM working group member should have at least one task within the specific working group, increasing involvement and visibility for all.

2) Introduction of all participants

- a. Who are you?
- b. What would you like to do for the FREM section?
- c. What do you expect from the FREM section?

All FREM members briefly presented themselves, which was great! We had many new faces and also established researchers from Europe and beyond. Some of them are joining FREM for the first time. Thank you all very much.

Participants: Olav Rooyackers, Kenneth Christopher, Yaseen Arabi, Mette Berger, Michael Hiesmayr, Joop Jonckheer, Juan Carlos Lopez Delgado, Benjamin Hess, Xavier Forceville, Sjoerd van Bree, Jan Gunst, Kurt Købke-Jacobsen, Nicolas Stylianides, Slavica Kvolik, Jean Reignier, Adam Deane, Michael Casaer, Annika Reintam Blaser. **These are the participants who participated in the GI function WG meeting, if you came in later and are missing from this list, apologies and please notify me!**

Anne Françoise Rousseau would be happy to make a FREM WhatsApp group, much more convenient than the mailing list (sorry to some very active

members who didn't receive the invitation in Paris!!). We are looking for a way to organize this. Perhaps those who would like to join the WhatsApp group, could send their cell phone number by mail to Anne Françoise? afrousseau@chuliege.be

Thank you to all who joined this well-attended FREM meeting, some colleagues who participated for many years and many new faces. Particular thanks to the experts who travelled intercontinental to be with us and to all who actively participated in the discussions.

3) Report of the different working groups;

a. **Rehabilitation (Zudin Puthucheary, excused, sent us a PowerPoint)**

The CONCISE (Core outcome set for clinical effectiveness trials of nutritional and metabolic interventions) with the collaboration of several FREM experts has been **Published Congrats!**

Ongoing Tasks:

- Paper 2: Clinimetric properties of the Core Outcome Set
- Help Annika with the GI function COS
- Discuss with WG a survey of European PICS prevalence
- Metabolomics Discussion on shared data sets for new publications/collaborations

b. **Online Education (Sjoerd Van Bree)**

-) The update of the Module Acute Live Failure has been taken up by our NEXT committee (thanks to Mara Martinez).
-) Pancreatitis: update has been kindly taken over by Angelique de Man and is currently in process.
-) Nutrition split into 5 parts and update of contents including questions and MCQs. And this year it has been updated by Michael Casaer.

-) Abdomen in Acute Critical Care: update completed, thanks to Jean Charles Preiser and transferred online.

N.B.: The list of contributors is publicly accessible if you want to reference your work. It is the policy of the ESICM Academy to update all ACE courses immediately after every Lives congress, with a deadline before Christmas. This might just be a quick revision and confirmation that nothing needs to be updated; or insertion of new evidence, especially evidence that might be presented at ESICM LIVES. Please notify [Sjoerd van Bree](mailto:brees@zgv.nl) (brees@zgv.nl).

c. **Micronutrients (Angelique de Man, excused, organized a well-attended virtual meeting just after the congress)**

- First project: to draft micronutrient management in ICU review, summarizing recommended practice based on hard evidence available

today and research priorities per potential clinical relevance. The review will integrate knowledge generated by the ESPEN micronutrient guidelines, the VITATRACE paper, the ESPEN Nutrition in ICU guidelines and Monitoring nutrition in ICU guidelines. Meta-analyses will only be conducted for questions not addressed in the above guidelines or where new data is available. Experts willing to address one of these micronutrients for this paper please urgently mail to ame.deman@amsterdamumc.nl

- Other objectives: investigating micronutrient quantification of other samples than serum, important work has been conducted in this context by Xavier Forceville who will be happy to share the resulting publications. xforceville@invivo.edu

d. GI function (Annika Reintam Blaser) (separate meeting 10:30-11:00)

Congratulations to Annika for directing this working group with endless energy and enthusiasm resulting in numerous high-quality publications over the last few years.

Annika did send the Minutes of the working group meetings soon after the congress, so I briefly summarize:

- 1. Study protocol of the RCT on the prophylactic use of laxatives: Hypothesis: *Prophylactic (other wording is being searched for) use of enterally administered macrogol 10 g b.i.d for 5? days compared to placebo in mechanically ventilated adult patients increases the number of days free of invasive ventilation at day 28 after intubation. The protocol is now reviewed by those participating in the project and online meetings are organized.*
- 2. GIDS validation and Phosphate studies ARB presented a summary of study aims and designs for GIDS validation and Phosphate study to decide whether one or two studies should be planned. It was agreed that planning two large multicentre studies in parallel or immediately one after the other is not reasonable. YA suggested that we could plan one large study where all are participating in GIDS validation, whereas qualifying (routine daily Phosphate measurements) and the interested sites participating in both. Everybody agreed that we proceed with one combined study protocol, aim for publication of the study protocol and apply for endorsement of ESICM. Decision: ARB will plan the drafting of one common study protocol together with AvZ.
- 3. A core set of daily monitoring of GI function. Consensus process (5 min). Preliminary plan Everybody agreed with the presented timeline. ARB asked for WG members ready to help in the process: JG and MM agreed to help.

4) Any other working groups still active/needed?

All present agree to limit the number of sleeping working groups hereby avoiding unfinished projects and wasted energy

5) Report from FREM representatives Sjoerd (see higher), Anne Françoise & Danni

Anne Françoise warmly invites all FREM members to forward all plans, achievements, publications, awards and other good news so that she can pass them on to the social media team and/or website. Anne Françoise also plans to update the website for FREM. Danni Bear (excused) was intensely involved in planning the first Nutrition Pathway and was appointed course director for the 2023 session. Danni stays in touch with the educational teams in the Society, striving above all to integrate of nutrition, rehabilitation and metabolic modules in other courses such as polytrauma, ECMO, and shock.

6) Gunnar's feedback from the research committee (Gunnar is excused)

I would like to thank Gunnar for all the work he does in the background in preparation for all FREM meetings as Deputy and for the time invested in scoring the applications for Research Committee! I mailed Marlies to check if it is ok – I would hope so - that Gunnar completes the deputy chairmanship together with my mandate and remains on Research Committee. I moreover asked Marlies how to proceed after Gunnars' mandate. Should we vote on the next research representative?

7) General thoughts

- a. request for earlier announcements from the ESICM office and perhaps organise a secretary's support for deadlines and reminders (still to be done)
- b. **Congratulations to Arthur; the FREM chair-elect!** Arthur wrote a nice reflective manuscript on nutrition and metabolism some months ago on the occasion of his installation as a professor at Wageningen University "Let food be my medicine" (If possible, I send it as an attachment with these minutes, if not you can mail Arthur to obtain a digital copy arhvanzanten@gmail.com). Arthur and I had our first online meeting covering the section and the activities of the section Chair. Arthur kindly accepted to explore the possibilities for FREM to contribute to the new ESICM LINK project, providing expert assistance to clinicians from a distance, thanks, Arthur!
- c. **(From the deputy) Huge thanks also go out to Michael for all he has done in his candidacy, e.g.,** changing the name of our section in order to better reflect the section and diversity, the very time-consuming congress-planning to name just a few tasks and bringing the Nutrition pathway forward to very successful reality;) THANKS, Michael and happy you will be a very active section member also welcome Arthur in your new position then;))

8) What happened and will happen in 2022

ESICM has been generous for our section in 2022 and we had fantastic support from the different committees (NEXT, NAHP, Congress and Education) and from the ESICM office collaborators! All details can be found on the ESICM website so I will be brief: First of all, thanks to all who contributed to these efforts, we have a great team of diverse experts from different specialities, young stars and established experts! We

organized the novel Nutrition Pathway with the NEXT and NAHP it included a promotional webinar, 2 intensive and interactive days of online education with videos and clinical discussions, 20 fellows selected based on their excellent post-training MCQ results who went to La Charité, Karolinska and KU Leuven, more than 20 participants who joined a research award competition, two received an award during the congress in Paris. The main line of these activities was providing evidence-based and pragmatic education for a joined NAHP-MD audience and discussing future perspectives for novel approaches to nutrition in separate sessions, always striving at very few slides and as much interruption and interaction as possible. The feedback collected by the ESICM office post-course and post-fellowship was extremely positive and the ESICM leadership decided to continue the project, independent of the decision by Fresenius to continue the non-conditional support. We gave an overview of FREM achievements at the ESICM Anniversary Congress in Madrid, a Webinar 22-9 on Micronutrients with excellent contributions by Angélique DM and William Manzanaras, A nutrition Podcast for the NEXT in October with one of the Nutrition fellows Janja Tarčuković. LIVES 2022 in Paris included one thematic session on new data in FREM and a round table going beyond primary outcomes and joined sessions with the Neuro, Ethics and Sepsis sections, high-quality VOD with live moderation, ESICM TV interviews covering Glutamine in Burns with Christian Stoppe.

For 2023 congress committee is gathering soon to set out the modus operandi, I will contact you thereafter. Your input in 2022 has been of great value and the participative way we constructed sessions together is a unique strength of our section! The Society invited Pierre Singer, Danni Bear, Annika Reintam Blaser and myself to organize a Nutrition Workshop in Cairo, we will keep you updated.

9) Varia

Michael Hiesmayr kindly shared recent unpublished nutrition-Day data and raised several questions based on:

- use of clinical nutrition varies between countries and world regions
- consideration of the length of stay in the ICU and choice of comparison group determined estimates for EN/PN/combined nutrition
- association of dysphagia, nutrition care and hospital mortality
- Particularly the nutrition management of ICU survivors in the conventional ward provided novel perspectives. Strikingly, some answers to questions raised in the same days Ethics-FREM joint session "feeding until the last breath" might be generated based on the aggregated Nutrition Day data!

Thanks very much, Michael for sharing and all experts for the lively discussion we need more such exciting interactions during our meetings

All FREM members are invited to disseminate the link for free participation in nutrition-Day 2022 between November 10th and mid-December 2022: www.nutritionday.org

The next online meeting will be scheduled for Friday 23 December 2023. More info will be emailed in due time.