



The Intensive Connection

Location and timing

Meeting Room: **Meeting Room BM6, Austria Center Vienna**

Meeting Date: **25.09.2017**

Meeting Start Time: **7:30 AM**

Meeting End Time: **9:00 AM**

Attendees

H Bracht, C Lancotr, B Tamonicz, Marc Leone, J Carlet, JF Timsit, S Blot, Alain Lepape, H Dupont, L Derde, Jeff Lipman, J Schouten, O Cremer, F Sjøvall, B Tamonicz, , K Tamme, G DePascale, G Dimopoulos, J Roberts, JA Paiva, D Koulenti, M Deja, L DeBus, J Rello, J De Waele, J Garnacho-Montero.

1. **Welcome.** J De Waele welcomes all the attendees.
2. **Overview of INF section program** input for 2017 ESICM meeting. J De Waele summarizes all the activities in Lives 2017 proposed by the INF section.
3. **Proposals LIVES 2018 meeting (21-24 October Paris).**
J De Waele requests proposals for 2018 meeting. The suggestions can be summarized as follows:
 - JF Timsit: Travel medicine generates many problems in European ICU. He also proposes joint sections with another group. For instance, Management of pancreatitis with MEN. Another topic should be new drugs and how we should use it.
 - A clinical trial about TDM with pip-tazo is underway.
 - TDM is important Lipman.
 - J DeWaele explains that this year the Organizing Committee has scheduled very few joint sessions.
 - J Carlet proposes the Intestinal microbiome: its role in the pathophysiology of sepsis and in resistance
 - M Leone suggests a session about Infection prevention.
 - J DeWaele requires ideas for new formats: case discussions, pro-con debates. JF Timsit proposes a session about the best papers of the year regarding infections in critically ill patients.
4. **Round tables about MDR.** Jan DeWaele explains the following steps of this initiative of the Infection Section Group:
 - To issue a joint ESICM/ESCMID statement on AMR calling for increased awareness.
 - To initiate a point prevalence study on Gram-negative Antimicrobial Resistance



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- To develop guidance for clinical use, including expert opinion statements and systematic reviews on specific topics
 - To set up a registry in which data on treatment and outcome of XDR/PDR
 - To facilitate joint educational events
 - To assemble a consortium for collaborative research on AMR in the ICU
- J Carlet proposes to include the evaluation of the attributable mortality of these MDR pathogens in the ICU. All the attendees agree with this proposal.

5. INF section courses and events

- a. PG course with SIS. In LIVES 217, the section has participated in a postgraduate course “State of the art in sepsis management”
- b. Managing pneumonia in the ICU (Brussels 21 and 22 November). J DeWaele presents the course philosophy. This is a one day and a half course about diagnosis and management of severe community- acquired pneumonia and nosocomial pneumonia (including ventilator-associated pneumonia). There will be interactive cases to facilitate interaction with the attendees.

J Roberts asks about the possibility of future courses on other topics. He suggests to survey section members about possible interesting topics for these future courses.
- c. Infection course nursing: Development of a Webex based course on ICU infection issues/ topics for nurses and AHPs. To start late 2017.
- d. Webinars: The Infection Section has been the most active section regarding Webinars. There have been 3 Webinars presented by members of the section: J Roberts (Optimising antibiotic therapy in the critically ill; J Garnacho-Montero (Managing multidrug resistant infections) and J Chastre (VAP management). However, the ESICM has requested future webinars from the Infection Section. Jan De Waele encourages the participation of other member of the section in this activity. J Timsit asks about number of participants and countries. The chairs responds that approximately 150 participants from all over the world connect to the Webinar.

6. Guidelines.

- a. Consensus Guideline on Antibiotic TDM in ICU in collaboration with 2 x ESCMID WGs, International Association for Therapeutic Drug Monitoring and Clinical Toxicology (IATDMCT) and International Society of Chemotherapy (ISC). Current collaborative paper underway led by Jason Roberts and Jan De Waele.
- b. Consensus Guidelines on de-escalation therapy. Jose Garnacho-Montero explains the current situation of this project. Fourteen experts are involved in this Guideline. The first draft is expected for late 2017.



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- J Rello proposes a dissemination project to increase the impact of these guidelines on the daily practice. JF Timsit asks about the financial support from the Society: it is not possible to perform a good job without financial support. All agree with this and J DeWaele will request financial support from the ESICM for the section activities (Round tables about MDR and Guidelines).
- Ignacio Martin-Loeches has proposed two new guidelines: Invasive candidiasis taskforce and International Guidelines for the management of severe Community acquired pneumonia (in collaboration with ERS and ESCMID).

7. INF section Research initiatives

- a. AbSeS study (Abdominal Sepsis Study). J De Waele explains the present situation of the study. Data entry closed 31 March 2017. Primary objective: validate a new classification system for intra-abdominal infections. Actually, there are data from 2387 patients (mortality 28%).
- b. The EUROpean study on Encephalitis in intensive CARE units The “EURECA” study: R Sonnevile excused his presence in this meeting. JF Timsit presents the situation of this study. He describes the inclusion and exclusion criteria. 27 centers open in France. 27 patients have been included. It is ongoing since 1st June 2017.
- c. DIANA study. L DeBus describes the design and current situation of this multicenter, prospective, observational cohort study. End of patients inclusion is 31st December 2017. Until now: 202 ICUs with EC/IRB approval; 29 countries, more than 900 patient records.
- d. BLING III study: Jeff Lipman explains that the BILING III study is a randomized controlled trial recruiting intensive care unit patients with severe sepsis to receive one of two beta-lactam study antibiotics (piperacillin- tazobactam or meropenem) by either continuous infusion or intermittent bolus administration. Sample size: 7000. The main end-point is the impact on 90-day mortality of these two strategies of antibiotic administration. Diverse European countries have confirmed their interest in participating: Belgian, Portugal...Recruitment will be completed by mid-2021.
- e. Future projects. Nil

8. Report of the ESICM Research Committee

- J Garnacho-Montero as deputy of INF Section is member of the ESICM Research Committee. This year, he cannot attend the ESICM Research Committee meeting because it coincides with the Infection Section meeting. This Committee has two major activities: Research and Industry Awards and Surveys. This year, in collaboration with ECDC, and led by A Lepape, the Infections Section has carried out the ARISE survey to know the experience



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with infections caused by antibiotic-resistant bacteria in the ICU. A Lepape informs about the high participation: 1062 responses.

- The ESICM Trials Group Award in 2017 with €50,000 requested Projects that must be endorsed by the different sections. Jose encourages all attendees for the ESICM Trials Group Award in 2018. The application will be in spring.

9. Update of the Working Groups

- a. WG on Antimicrobial Use in ICU. J Roberts explains that there are actually seven studies underway in this WG. The situation of these studies will be presented with details in the meeting of this WG. Moreover, J Roberts announces that his mandate finishes this year. He announces that Barbara Borgatta has submitted a letter of application.
- b. GW on pneumonia. Dr Koulenti informs about PneumoInspire. This is an international multi-centre prospective observational cohort study of nosocomial pneumonia in intensive care units. The aim: a worldwide snapshot of diagnosis, etiology, and management of nosocomial pneumonia. Actually, 260 sites with Ethics approval; more than 200 activated to date. Electronic CRF open in 3 languages: English, Spanish, Chinese. Patient recruitment has been extended to the end March 2018. She also describes the ALL-ICU study (Antibiotic Levels in the Lungs of ICU patients with pneumonia). The study is on hold until funding for transport of the samples to coordinating center are secured.

10. ESICM Academy

- The ESICM is updating the educational track and the ESICM Academy will be the portal on the website. The PACT modules will require an update and our participation will be requested. In a previous meeting Saad Nseir (FR) was appointed as educational liaison. This will be communicated to the relevant Committees.

11. Any other business

- José Garnacho-Montero comments that the mandates of the actual chair and deputy of the Infection Section ends in 2018. Elections will be in spring. He encourages all the attendees to think about the possibility of running for these two positions.

Without any other suggestion or proposal, the meeting ends at 9.00.