



The Intensive Connection

Minutes of ESICM INF Section meeting, Tuesday 1/10/19 LIVES 2019 Berlin

P Pova (Chair) (PP)

A Conway Morris (Deputy Chair) (ACM)

Attendees: Hendrik Bracht, Miguel Sanchez, Stijn Blot, Yolanda Pena (representing Jordi Rello), Matia Deja, Jakub Smiechowiz, Adam Mikotecker, Barbara Tamowisc, Liesbet De Bus, Jan De Waele, Shijeki Fujitan, Pieter Depuydt, Claire Roger, Despoina Koulenti, SM Reza Hashemian, Rui Pereira, Josep Trenado-Alvarez, Massimo Antonelli, Melda Turkoglu, Jean-Francois Timsit, Fredrik Sjoval, Marc Leone.

PP welcomed the group and thanked the members for their efforts over the previous year.

We remembered Professor Claude Martin, who was a stalwart member of the INF section and sadly passed away this year.

Congress

From the congress committee the aims were to have more interactive sessions, increase the diversity of the presenters, more young presenters and more joint sessions with other sections. There is also a desire to cover big data, AI and data science.

There have been increases in the proportion of female presenters and a decrease in faculty size overall. PP provided an overview of the INF section sessions, arising from the ideas from section.

LIVES forum Dublin in May 2020 will be a joint forum with SIS sections with a theme of septic shock: from bugs to organ failure, with the local collaboration of Ignacio Martin-Loeches.

Action point 1

PP called for proposals for LIVES2020 sessions to be discussed at the next congress committee in November 2019. Please send suggestions to PP (pedrorpova@gmail.com).

Surveys

Survey proposals should be submitted to the Research Committee, Jan de Waele (JdW) RC chair encouraged INF members to develop ideas for surveys.

PP reviewed the surveys undertaken following endorsement by the INF section:

PRACT-INF-ICU, a survey of current management of infectious diseases in ICU led by Ashraf Rosdy (UK). 300 responses received, analysis is ongoing with the intention to present results at LIVES 2020.

Respiratory viral infections in ICU, led by Guillaume Voiriot (France) and Quentin Philippot (France). Recruitment is complete and data is under analysis with a plan to present at ISICEM 2020 or LIVES 2020.

ISOREA -An international survey of the structure and organisation of Intensive Care Units led by Armand Mekontso Dessap (France). Survey has been completed; data analysis awaited.



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IPAFLU Invasive Aspergillosis among Patients with Severe Influenza in Intensive Care Units led by Joost Wauters, Michelle Holtappels (Belgium) Frank Van de Veerdonk and Paul Verweij (Netherlands). Results are to be presented at TIMM in NICE 2019, and are being prepared for publication - although the response rate was low, there was response from 468 units, mostly in Europe (32%) and USA (48%). There were regional differences in testing for Galactomannan in BAL.

A-TEAM - led by Hendrik Bracht (HB) and Christian Lanckohr (Germany). HB reported results with over 800 responses from 50 countries, analysis is ongoing with aim to present and publication results in 2020.

Antibiotic working group

HB updated on Antibiotic WG progress – the Therapeutic Drug Monitoring (TDM) consensus statement is close to completion. HB invited proposals for further surveys.

There was a discussion about the previous Antibiotic PK/PD masterclass, followed up under AOB below.

Jean-Francois Timsit (J-FT) proposed a repeat of the survey of TDM practices to assess whether there had been changes since the last survey 5 years ago. A proposal will be put to the Research Committee to consider this survey.

PP updated on studies-

Liesbet de Bus presented the DIANA data at this meeting and the paper has been submitted.

J-FT updated on the EURECA encephalitis study; French recruitment has ceased as they currently make up over 50% of cases. Recruitment continues in other countries and the invitation is open to other countries to join in.

JdeW - BLING 3 (led by Jeff Lipman (Aus) and JdeW (EU), recruitment target 7000 patients with current recruitment around 2000 patients, whilst Australia is recruiting the majority, recruitment is ongoing in Belgium, UK, France and Malaysia with EU recruitment of 100 patients so far.

J-FT updated on Eurobact II. Recruitment has started, with 350 units enrolled and 50 units active -100 patients recruited to date.

JdeW - Aurora project has a protocol and is currently seeking to funding. J-FT suggested a unit level point-prevalence survey of ESBL colonisation and infection without patient level data which would avoid the need for consent/ethical approval.

Masterclasses

PP updated on courses, the 2018 course on severe pneumonia was run from ESICM office with CME credits awarded by the UEMS/EACCME. It was well received.

The first Sepsis and Severe Infections joint (INF and SIS section) course was run in May 2019 –CME credits. This was a multi-modal course, supported by Melania Istrate from the ESICM



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office, which was well received. The next course is planned for January 2020 so that it does not clash with the LIVES Forum in Dublin in May.

SRG group

Two proposals came from the INF section – source control and nebulised antibiotics. Source control proposal was ranked 4th from 17, so was not selected. A similar proposal came from SIS section, and a revised joint submission has been submitted and we await the response from the SRG review.

A proposal for a review of Intermediate and Long-Term Outcomes after Sepsis in Lower-Middle Income Countries has also been submitted by Barath Kumar. Again, the response from the SRG review is awaited.

Research committee update (ACM)

Awards have been made and will be announced at LIVES 2019 on Wednesday 2nd October.

There is a proposal to change the focus of the research funding in the ESICM so that funding is focussed more on supporting studies which will lead to larger funding from national and transnational bodies, as it is acknowledged that the resources of the Society do not stretch to funding clinical trials. The suggestion is that studies should focus on cross-border projects which will lead to grant applications for larger awards, and that consideration be given to funding infrastructure such as statistical support and eCRF creation. Feedback is invited on these suggestions to ACM (mozza@doctors.org.uk).

The Research Committee is keen to launch a research education course and we will be seeking faculty nominations from sections, including the Infection Section. A call for nominations will be issued later this year.

Guidelines – PP updated on current guideline status

The guideline on antibiotic de-escalation has already been submitted to ICM.

The guideline on TDM is close to completion, awaiting endorsement from the partner organisations.

Pneumonia working group - Despoina Koulenti (DK) updated the meeting

PneumoINSPIRE study of nosocomial pneumonia – 1600 patients have been recruited, data cleaning continues with some input from paper CRFs continuing.

ALL-ICU of antibiotic levels in lung lining fluid – funding has been secured for multiple Australian sites, with phase 2 of the study aiming to start in 2020.

HAP² study of Host-targeted approaches for the prevention and the treatment of hospital-acquired pneumonia the HAP² network (lead by Dr Antoine Roquilly, CHU Nantes) has secured EU2020 funding and is due to start in 2020.

Severe CAP multiple criteria decision analysis study led by Jordi Rello – there is a call for steering committee members, contact Jordi if interested.



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Non-pharmacological prevention of VAP guideline -the scope of the guideline remains to be finalised to ensure it is practicable, with the review group meeting once the scope is agreed. Aim to deliver by end 2020.

Proposals for pneumonia studies are requested.

Election of the new head of the WG will occur today at the group meeting.

eLearning Infection track with ESICM academy

PACT modules – on pyrexia and infection control strategies are available, the antibiotic module is starting to be written.

An infection education track is ongoing, with LIVES2019 sessions badged to this. These sessions can also be accessed after the congress for members enrolled on the Infection track.

AOB

HB proposed a combined masterclass in antibiotic stewardship, incorporating TDM. Results from the A-TEAM survey suggest considerable demand. PP suggested a formal proposal be discussed with Melania Istrate in the first instance.

Frederick Sjovall raised question of examining ICU and hospital level antibiotic consumption on a European level, PP suggested a proposal be put forward for section endorsement. Discussion about whether this could be collected alongside resistance rates and profile.