



The Intensive Connection

Systemic inflammation and Sepsis – Section Meeting - 25th October 2022

Participants:

Massimo Girardis, Italy (girardis@unimore.it)
Srdjan Gavrilovic, Serbia (srdjan_gavrilovic@yahoo.com)
Marc Leone, France (marc.leone@ap-hm.fr)
Fredrik Sjoval, Sweden (fredrik.sjoval@med.lu.se)
Lene Russel, Denmark (lene.russel@mail.dk)
Xavier Forceville, France (xforceville@invivo.edu)
Josep Trenado, Spain (jtrenaal@gmail.com)
Hendrik Bucht, Germany
Sascha David, Switzerland (sascha.david@usz.ch)
Barbara Tamowicz, Poland (barbaratamowicz@wp.pl)
Ricard Ferrer, Spain (ricard.ferrer@vhebron.net)
Nathan Nielsen, USA (nathan.nielsen@gmail.com)
Nicole Juffermans, Netherlands (n.p.juffermans@amsterdamumc.nl)
David Perez-Torres, Spain (davidpereztorres@gmail.com)
Mohammed Abdel Monem, Egypt (mohammedicu1@gmail.com)
Margarita Borislavova, France (drborislavova.m@gmail.com)
Lucia Serio, Italy (luserio@hotmail.it)
Martina Tosi, Italy (tosimartina@gmail.com)
Stefano Busani, Italy (stefano.busani@unimore.it)
Elisa Damiani, Italy (elisa.damiani@univpm.it)
Gennaro De Pascale, Italy (gennaro.depascale@unicatt.it)

- 1. Introduction:** Greetings from the Chairman Massimo Girardis. Presentation of participants. Last section meeting was on April 2022. We need to nominate new representatives for the Research Committee and the Clinical Training Committee. Please send your candidature and CV to the Section Chair MG.
- 2. Global Sepsis Alliance (Antonio Artigas):** The GSA is a non-profit organization founded in 2010 with the mission of providing global leadership to reduce the worldwide burden of sepsis. As of today, more than 110 organizations from all over the world have joined the Global Sepsis Alliance, and more than 13,000 hospitals, individuals, healthcare professionals and organizations have signed the World Sepsis Declaration. On May 26th, 2017, the World Health Assembly and the World Health Organization made sepsis a global health priority, by adopting a resolution to improve, prevent, diagnose, and manage sepsis. The adoption of sepsis as a global priority was initiated by the Global Sepsis Alliance who gathered the consensus and authority of clinicians and families from over 70 countries. In 2012, the GSA initiated World Sepsis Day. Every year on September 13, countless events raising awareness on sepsis are organized all over the world. The GSA also organizes the World Sepsis Congress every two years (last one in 2021), as well as free online congresses (WSC Spotlight) shining a spotlight on one particular issue of sepsis in the years in between.



The Intensive Connection

The GSA is establishing 6 regional sepsis alliances to work closer with local stakeholders, regional governments and the regional WHO officers (African SA, European SA, Latin American Sepsis Institute, Asia Pacific SA, Eastern Mediterranean SA, North American SA in planning stage). Every year, the GSA grants Global Sepsis Awards to honor major contributions in the global fight against sepsis.

- 3. Report from Research Committee (Marc Leone):** the Research Committee is composed of the Chairperson of the Research Committee, one representative from each Section (nominated by the section chair and approved by the Executive Committee), two representatives of the NEXT Committee, one representative of the N&AHP Committee. The Research Committee is responsible for Research awards, endorsement of surveys and projects, coordinating trials. We need to nominate a new representative for the SIS section (ML is at end of his mandate). The RC representative will have to participate to 3-4 meetings per year for the selection of best projects. If anyone is interested in participating, please send an email with the candidature.
- 4. Report from Clinical Training Committee (Lene Russel):** We need to nominate a new representative for the SIS section. The main goal is to follow-up on the educational face-to-face activities (master classes, modular training, identifying new activities, report on concerns), as well as to provide a link to the COBA. At present, the SIS-endorsed activities are: the Sepsis and Severe Infection Master Class (endorsed by the Infection Section and the SIS section, Chairs: Ricard Ferrer and Pedro Pova); the CBS (Case-Based Fundamentals) in septic shock. Suggestions for the educational strategy for 2023-2024: masterclass on immunocompromised patients; design of a sepsis pathway; immunology and immunological interventions; bleeding/DIC; other?
LR showed the planned courses for LIVES 2023 (Milan): 1-day event pre-congress on Research pathway (LEVEL 3), hands-on and simulation (HM, MV, Trauma, ECMO, RRT), other face-to-face pre-congress courses (leadership and management, GENIUS, EDIC II prep course), case based essentials with active involvement. Keypoints from the last CTC meeting (23th Oct 2022): alignment between countries, design of advanced courses (debate on what is “advanced” and how to define an expert), defining clear learning goals.
- 5. Report from e-learning Committee (Srdjan Gavrilovic):** SG showed the ACE courses related to Systemic Inflammation and Sepsis:
-*Immunocompromised patients* – 4 parts: recognizing the immunocompromised patient in the ICU; mechanisms of acquired immunodeficiency; managing the immunocompromised patient; preventing infection in the immunocompromised patient. Authors: Nishith Mewada, Olufisayo Otusanya, Folarin Sogbetun, Nathan D. Nielsen. The course is up to date. Next update is planned for 2023.
-*Sepsis and Septic Shock* – First edition authors: Maria Theodorakopoulou, Christian Scheer, AME Spoelstra De Man, Marc Leone, Claude Denis Martin, Nathan D. Nielsen. 4 parts: Introduction, definition and recognition of sepsis (2022 update: Frank Bloos, Xavier Wittebole); Resuscitation and hemodynamic support of the patient with sepsis (2022 update: Francisco Chacon Lozsan, Jaume Mesquida); Identification and control of the



The Intensive Connection

source of infection (2022 update: Diego Bastos Porto, Carlos Enrique Orellana Jimenez);

Adjuvant therapies in sepsis (2022 update: Lene Russel, Ligia Pires)

-*Sepsis in the Returning Traveller*: this course is becoming *Sepsis from Tropical Diseases* (3 parts: Critical Illness and Sepsis from Tuberculosis Disease; Sepsis from Severe Malaria; Sepsis from Severe Dengue and Other Viral Hemorrhagic Fevers) – currently under review, expected completion in days/weeks.

The policy of the e-Learning Committee is to update all ACE courses immediately after every LIVES congress, with a deadline before Christmas.

6. **Report from Social Media and Digital Content Committee (Elisa Damiani):** ED showed the structure of the SMDC Committee. Katia Donadello is taking over as the Chair of this committee. The main mission of the committee is to promote the activities of the ESICM, as regards both research and education, by means of social media and the ESICM website. As a representative for the SIS section, ED is in charge of updating the SIS section webpages, monitoring and reviewing scientific texts and updating the relevant literature on the webpage. ED showed the SIS webpages and the sections dedicated to research and educational activities. The research projects currently reported in the website are: SAILORS Study, AbSES, GAINS –this part probably needs an update. The relevant literature related to systemic inflammation and sepsis is updated ideally on a monthly basis. The section “Article Reviews” contains brief reviews/comments on relevant papers in the field: if anyone wants to contribute by writing a review of a particularly relevant article to be published in this section, please send an email.

7. **ESICM Masterclass (Ricard Ferrer):** the next Masterclass will be in February. A new director needs to be selected. Discussion on the opportunity to have a certificate at the end of the masterclass.