

**ACTIVITIES REPORT
EUSEM PEDIATRIC SECTION
2009 - 2011**

Activities have been on two shores:

- A. The Paediatric Section
- B. REPEM, the EUSEM Paediatric Research Network

A. The Paediatric Section Activities

1. Section Growth: Our section is consistently growing. At present, it consists of 26 members representing 11 countries.

2. APEC Course: Members of the Paediatric Section have developed an educational course on advanced paediatric emergency care (APEC), with the aim of providing the knowledge and skills necessary for clinicians taking care of children in emergencies. A file with the course agenda and goals is attached. The course was held as a pre-conference course in Valencia in 2009 (MEMCIV) and again in Stockholm 2010 as part of the EUSEM annual congress. The course was very well received and was given very positive feedback.

3. Paediatric Track at EUSEM Conferences: The Paediatric Section managed to organise paediatric tracks at the two above-mentioned congresses.

4. European Training Syllabus in Paediatric Emergency Medicine: The European Working Group of Paediatric Emergency Medicine is currently in elaborating on the 'European Training Syllabus in Paediatric Emergency Medicine'. This document depicts the list of competences and skills that should be acquired by a certified Paediatric Emergency Medicine (PEM) physician in Europe. The first European PEM Syllabus document was drafted six years ago and it has experienced a definite development during the last year in the hands of Jean-Christophe Mercier. Jean-Christophe Mercier is a paediatrician and emergency physician from Paris, France, and is a member of the European Board of Paediatrics and he is currently working together with the Paediatric Section of EuSEM in the development of PEM in Europe. The document has been sent for approval to the European Board of Paediatrics and the Multidisciplinary Joint Committee on Emergency Medicine. It is expected that the document will be approved this year.

5. Next Section Chairman Elect: During the section meeting held in Stockholm 2010, Dr. Javier Fernandez Benito was elected as chairman elect and after one year of overlap will replace Prof. Hezi Waisman as chairman of the section in 2012.

B. Research in European Pediatric Emergency Medicine – REPEM

1. Joining PERN: In 2006, the EUSEM Paediatric Section established a research network of paediatric emergency medicine in Europe - REPEM. In 2009, REPEM, together with four other research networks in PEM (PERC, PECARN, PEMCRC and PREDICT) joined a global network of research networks in paediatric emergency medicine named PERN (Pediatric Emergency Research Network). In the first collaborative study of the PERN network, the H1N1 study on identifying severe outcome and death of H1N1 predictors was undertaken. Twenty European centres associated with REPEM contributed data to the study, which was the largest centre within the PERN network umbrella. Articles on the formation of PERN have been published both in the European Journal of Emergency Medicine and in Paediatric Emergency Care (Paediatric emergency research networks: A global initiative in pediatric emergency medicine. European Journal of Emergency Medicine 17(4): 224-227, 2010 and Pediatric Emergency Care, 26(8):541-543, 2010, see attached).

2. The SEPEM Study: The current study conducted by REPEM is the Sepsis in Pediatric Emergency Medicine study (SEPEM). The principle investigator of this study is Dr. Patrick Van de Voorde (Belgium). The first part is a retrospective study to investigate the incident and outcome of sepsis/septic shock in paediatric emergency departments in Europe. The second part will be a prospective study to investigate whether adherence to the recently published protocol on early goal-directed therapy in septic shock indeed improves outcome.