

PEMSIG NEWSLETTER
FEBRUARY 2018

Message from Chair

Hi Everyone – I hope that 2018 has started well for you all. This is certainly going to be a busy year for PEMSIG with ICEM Mexico in June. We were honoured by an invitation from Dr. Flavio Figueroa Uribe (PEM, Mexico) for PEMSIG to assist the local organizing committee (LOC) with PEM content. I want to thank Flavio, and both Adriana Yock (Costa Rica) & Liliana Caceres (Argentina), for their ongoing support, hard work and liaison regarding how PEMSIG can contribute to the conference. I'm delighted that we have PEMSIG speakers contributing to the daily PEM track and that we will be running two Marketplace events in Mexico. For the first time, will be running *bilingual* Marketplaces, with English & Spanish speaking stallholders at each stall. If you are attending ICEM Mexico and want to be involved in the Marketplace, we may still have some slots available, so please contact Adriana or myself.

We are also gearing up for our 2nd PEMSIG elections at the BGM in Mexico – a special communication will be sent out in the next few weeks which will outline details of the election process, the electable posts, nomination forms etc. Please do take part, we are a relatively young but rapidly growing, diverse international group and the more that people participate, the stronger we will become.

As ever I am indebted to the hard-working project leads who are all working overtime to complete their project deliverables by June – please read about their work in their updates in this newsletter. And a huge thanks to Adriana for putting together this newsletter and for all her ongoing hard work.

I will leave you with a quote that is quite fitting for PEMSIG and perhaps also for many of us chipping away at the seemingly impossible frontiers of PEM around the world:

“Start by doing what’s necessary; then do what’s possible; and suddenly you are doing the impossible.”

[Francis of Assisi]



Baljit Cheema (PEMSIG Chair)

PEMSIG Active Projects

Project	Project Lead
Standards Revision	Rod Lim
Education Curriculum	Rahim Valani
PEM RoadMap	Camilo E. Gutiérrez
Website, Tools and Resources	Haiko Jahn & Sashi Ganapathy
PEMSIG Membership	Ffion Davies
PEM Research	Franz Babl

Message from Secretary

Greetings to Everyone!

First of all, I wish you all a Happy New Year! I hope this year is full of successes and blessings. This is the first newsletter for 2018. Last year was full of projects for our group. As you know in June 2018 ICEM Mexico is coming and we will have PEMSIG elections. Our group member is getting bigger and we hope that in Mexico we can include as many PEM doctors from Central , South America and around the world.

Adriana Yock (PEMSIG Secretary)



Enjoying the winter in the Northern Hemisphere



IFEM Meetings at ACEP Washington 2017



PEMSIG Members at ACEP Washington



Liliana Caceres (Argentina) and Adriana Yock (Costa Rica)

Updates from Project Leads

Standards Revision

Greetings from your PEMSIG Standards lead. We have the amazing opportunity to revise the International Standards of Care for Children in Emergency Departments in preparation for our meeting in Mexico City in the summer. An executive committee is busy at work reviewing all submitted and revised chapters, and will be excited to share to the general membership the completed document for review and input in the spring.

After the presentation at IFEM 2018, our hope is to develop a publication/distribution plan in order to highlight this important work. As well, we will seek opportunities to translate this work into many different languages.

Dr. Rodrick Lim



PEM Education Curriculum

A happy new years to all and best for 2018!

There has been great momentum with the international PEM curriculum project. In order to better appreciate the differences between the adult and pediatric patient along different domains, we divided the requirements into three categories: presenting complaints, procedures, and professionalism.

We have completed the initial Delphi process and will continue to build on the expertise of the group with further input. We will be circulating the list to members of different regions for input so as to ensure it is not centric to a particular region. If you are interested in providing your input for the curriculum, please contact me at r.valani@utoronto.ca

We aim to present the preliminary items at ICEM this year, and hope to see you there.

Rahim Valani



PEM RoadMap

**Has your country recently developed Emergency Medicine as a specialty?
Do you have Pediatric Emergency Medicine specialists taking care of the children in your region?
Do your current workforce recognize the key differences when treating ill or injured children?
Could you make an impact in the care of your children?**

As new acute care systems develop worldwide, it is more and more evident that children have different health care needs than adults. The benefits of having clinicians with interests, knowledge, and dedicated training in Pediatric Emergency Medicine (PEM) are that they can better understand and manage children with emergency care needs.

In the developing PEM Roadmap Project, we will delineate the strategies to help your country or region develop Pediatric Emergency care programs tailored to your needs. Will be a document in which we will highlight those needs that pertain to the care of children, and will give you tools and a pathway to approach your national medical boards and other local authorities to recognize and formally credential PEM as a distinct sub-specialty, and also aid in the development of specific training programs in PEM that are recognized by governments, academic institutions, and professional healthcare networks.

By sharing the collective experience of a number of countries and organizations who have successfully been able to bridge the gap and develop PEM systems, we will deliver a frame work of how to develop and sustain a recognized PEM structure that adapts to the specific needs of your region.

By compiling and distilling the collective experience of experts in a number of countries and organizations who have successfully been able to bridge the gap and develop PEM systems, we will create this Roadmap.

Camilo E. Gutiérrez (Chair Elect 2018 PEMSIG)



Website, Tools and Resources

Together with Sashikumar Ganapathy and a lot of help from Carol Reardon and the Team from Cloud Made Simple we have updated the PEMSIG section on IFEM

website <https://www.ifem.cc/about-us/special-interest-groups/paediatric-emergency-medicine-special-interest-group/>

There you can find a general introduction to our group, the mission statement, links to the current standard documents.

There is a separate section for training with the PEM fellowship directory and the anticipated PEM curriculum. Also we have created a PEM resource section including national and international PEM organisations that we link into, relevant literature and journals and PEM related FOAMED.

If you have any suggestions or if you would like to add or update anything, let us know please.

Follow us on Twitter #PEMSIG,

Facebook www.facebook.com/PEMSIG

Sashikumar Ganapathy and Haiko Jahn



News from the Pediatric Emergency Research Networks (PERN)

The PERN collaboration has had several publications recently including

- Schuh S, Babl FE, Dalziel SR, Freedman SB, Macias CG, Stephens D, Steele DW, Fernandes RM, Zemek R, Plint AC, Florin TA, Lyttle MD, Johnson DW, Gouin S, Schnadower D, Klassen TP, Bajaj L, Benito J, Kharbanda A, Kuppermann N; Pediatric Emergency Research Networks (PERN). **Practice Variation in Acute Bronchiolitis: A Pediatric Emergency Research Networks Study.** *Pediatrics.* 2017 Dec;140(6)
- Dr Mintegi, Spain, in Pediatric Emergency Care and in Pediatrics - **International Variability in Gastrointestinal Decontamination With Acute Poisonings.**
 - Mintegi S, Dalziel SR, Azkunaga B, Prego J, Arana-Arri E, Acedo Y, Martinez-Indart L, Benito J, Kuppermann N; Pediatric Emergency Research Networks (PERN) Poisoning Working Group. *Pediatrics.* 2017 Aug;140(2). pii: e20170006. doi: 10.1542/peds.2017-0006.
 - Mintegi S, Azkunaga B, Prego J, Qureshi N, Dalziel SR, Arana-Arri E, Acedo Y, Martinez-Indart L, Urkaregi A, Salmon N, Benito J, Kuppermann N; Pediatric Emergency Research Networks (PERN) Poisoning Working Group. **International Epidemiological Differences in Acute Poisonings in Pediatric Emergency Departments.** *Pediatr Emerg Care.* 2017 Jan 24.

A number of studies are currently being planned by the PERN collaboration including work on the PERN Consensus Statement on Asthma (Dr Simon Craig, Australia) and the Community-Acquired Pneumonia project (Drs. Todd Florin and Nate Kuppermann, US) which is currently being submitted to several ethics committees and will start recruitment in 2018.

The next PERN meeting will be held at the Pediatric Academic Societies Meeting in Toronto in May 2018.

Franz Babl



PEMSIG Membership

As our membership lead I'm delighted to say that the PEMSIG network continues to grow steadily. We now have 77 members representing most parts of the world.

We particularly encourage membership from regions with less representation. These include European countries (the UK is well represented – is that in Europe?!), African countries (South Africa is well represented), Southeast Asia (India and Singapore are well represented), and Central and South America.

If you know of anyone who may be interested, they should email admin@ifem.cc with a copy of their CV which I will circulate to our Executive team for approval. There is usually a turnaround time of just a few days.

If you would like a copy of the publicity flyer, please email me.

I look forward to the ICEM conference in June in Mexico City where hopefully as many of you as possible will meet either for the first time, or again as old friends.

Dr Ffion Davies



International Federation for Emergency Medicine

Are you interested?
Or do you know a colleague
who may be interested.....?

Introducing the Paediatric Emergency Medicine Special Interest Group

**A network of international health care professionals
with interest in Paediatric Acute Care joined in a virtual community**

Promote

Sharing of information amongst Paediatricians, Emergency Physicians & Paediatric Emergency Physicians
On-line and in person networking, mentoring and support from interested individuals around the world
Collaboration & best practice in education and training in the field of Paediatric Emergency Care

Act

Be a contact point and a resource for projects related to paediatric care worldwide
Provide advice and information to all member organisations at local, national or regional levels

Resources

A directory of international fellowship opportunities for physicians
Curriculum for Paediatric Emergency Medicine training programs
International Standards of Care of Children in Emergency Departments
Roadmap for the development of Paediatric Emergency Medicine in your country

If you are interested in learning more or in joining the PEMSIG Group, please contact admin@ifem.cc



English



Spanish



Chinese

Upcoming Conferences

ICEM Mexico 2018

We would like as many PEMSIG members to join us for the **2018 ICEM conference in Mexico City, June 5th-9th** where we will have PEM tracks, our Biannual General Meeting, and all be contributing to the now famous PEM marketplace! On behalf of the ICEM 2018 Organising Committee, we have pleasure in inviting you to join us at the 17th International Conference on Emergency Medicine in beautiful Mexico City!

Register at www.icem2018.com or enquire at contacto@icem2018.com

We look forward to greeting you and your colleagues at our very first International Conference on Emergency Medicine in Central America!



2018 Mexico City
ICEM U
International Conference on Emergency Medicine
SOCIEDAD MEXICANA DE MEDICINA DE EMERGENCIAS, A.C.

June 5 to 9, 2018, Banamex
Center/Mexico City

Pre-Congress Workshop-Course
**Integral Attention
Pediatric Trauma IAPeT**

June 4 - 5, 2018
Space limited to 30 people
(Registrations as of April 1, 2018 \$130.00 USD)

SIGN UP
www.icem2018.com
INFORMATION
contacto@icem2018.com





June 5 to 9, 2018, Banamex
Center/Mexico City

International Conference on Emergency
Medicine ICEM

International Conference on
Pediatric Emergency Medicine (Inside the
ICEM)

June 6 to 9, 2018

20 Foreign Teachers

10 National Teachers

Registration \$200.00 USD

Includes 4 days of pediatric tracks (morning 6 to 9)
and Market Place (evening 6 and 7)

ADDRESSED TO:

- Emergency pediatricians
- Pediatricians
- Intensivist Pediatricians
- General and specialists nurses

SIGN UP

www.icem2018.com

INFORMATION

contacto@icem2018.com

SEE THE PROGRAM

www.icem2018.com



**SOCIEDAD MEXICANA
DE MEDICINA
DE EMERGENCIAS, A.C.**

International Federation For Emergency Medicine
Miembro Total



Pediatric Emergency Tracks



PEDIATRIC EMERGENCY MEDICINE TRACK ICEM

6-9 JUNE 2018

Platicas en Español e Ingles con traducción Simultanea a los dos idiomas
(Español / Ingles; Ingles /Español)

200 USD (Incluye Tracks Matutinos y Market Place Vespertino)



Date/ Time		Ponente/Speaker
1st Day	6 june	
Coordinator		
800-830 hrs	Difficult airway management. Do we need help?	Irais Gutierrez. Mexico
8.30-9:00	Pediatric Management in a state of Disaster	Baljit Chemma Sudafrica
9:00-9:30	Approach to the pediatric patient in areas of conflict with low and high density population	Flavio Figueroa Uribe. Mexico
9:30-1000	From bleeding to permissive hypotension. Delay resuscitation an alternative in pediatric trauma.	Camilo Gutiérrez USA
10:00-10:30	Organization of Pediatric Emergency Services in Israel.	Dr. Heizi Waisman Israel
10:30-11:00	The Brain: Achilles'heel of the critically ill or injured patient	Patrick van de Voorde Bélgica
2nd Day	7 june	
Coordinator	Dr Miguel Liera	
800-830 hrs	Damage control in the first 20minutes of pediatric trauma. Can you apply this to pediatric patient?	Adiel Garcia Cuellar USA
8.30-9:00	Translating knowledge into clinical care for children in the emergency department	Ed Oakley Australia
9:00-9:30	Utility of Hipertonic Solutions in severe TBI	Valentina Vega Rangel. Mexico
9:30-1000	High efficacy and efcency in CPR. Applicability in Pediatrics	Liliana Caceres Argentina
10:00-10:30	Pediatric Emergency Room: lessons learned and what can we do to improve?	Frederick Bloom USA
10:30-11:00	Status Epilepticus in the paediatric patient: What treatment options do we have?	Javier Prego Uruguay



PEDIATRIC EMERGENCY MEDICINE TRACK ICEM

6-9 JUNE 2018

Platicas en Español e Ingles con traducción Simultanea a los dos idiomas (Español / Ingles; Ingles /Español)

200 USD (Incluye Tracks Matutinos y Market Place Vespertino)



3rd Track	8 june	
Coordinator	Dr. José Martinez Alvarez	
800-830 hrs	High Flow Nasal Cannula in Bronchiolitis	Franz Babl Australia
8.30-9:00	Analgesia and sedation in pediatric emergency	Dr. Ciara Martin Irlanda
9:00-9:30	Organ dysfunction due to severe sepsis: How do I recognize in a busy pediatric OPD?	Indumathi santhanam India
9:30-1000	Acute Encephalopathy: What to do in ED?	Adriana Yock Corrales Costa Rica
10:00-10:30	Heart Rate Variability (HRV) in the prediction of serious infections - applicability to the Paediatric ED	Dr Chong Shu-Ling Singapore
10:30-11:00	PEM pearls and controversies	Ffion Davies UK
4to Track	9 june	
Coordinator		
800-830 hrs	Quality and Safety in the Pediatric Emergency Department	Robert Schafermeyer USA
8.30-9:00	Critical Care from scratch...setting up a PICU in a rural hospital	Dr Prinetha Moodley South africa
9:00-9:30	Delayed Sequence Intubation. Could it be an option in the pediatric population?	Felix Vasquez Diaz (Mexico)
9:30-1000	The wheezy infant and preschooler in the Emergency Department	Colin Powel UK
10:00-10:30	Developing the PAT-POPS tool: a live National Institute for Health Research study	Andrew Rowland UK
10:30-11:00	H1N1 Influenza. The pediatric patient a special case. Mexican Experience	Omar Flores Del Razo. Mexico

PEMSIG Marketplace

This year we will have another Marketplace in ICEM Mexico and we hope it will be again a success. We invite you all to visit our stalls, learn and have fun! To give a flavor of what it is, the following is excerpted from “The ‘Marketplace’ – a novel conference teaching and learning model.” SAMJ 2014:

The word ‘marketplace’ brings to mind a bustling, colorful place where shoppers come to browse goods. The range of items on offer may vary from week to week and from market to market, but is usually led by one principle: what do the shoppers around here want to buy? The same principle of supplying a need can be applied to the ‘purchase’ of knowledge at medical conferences. However, most conferences tend to offer solely didactic lectures with little opportunity for meaningful direct interaction between the delegates and experts/speakers.

Over the past few years, a novel and highly popular teaching and learning event called the Paediatric Marketplace has been run at the Emergency Medicine Society of South Africa conferences in Cape Town. The central idea is to have a dynamic, fun, interactive session based on a market-style environment, where delegates (shoppers) browse and chat with experts (stallholders), who tailor their teaching to individual needs.

Between ten and twelve market-stalls are set up on any topics of interest (e.g. cardiopulmonary resuscitation, triage, intraosseous line insertion, the ‘blue baby’, fluid management in children, cervical spine immobilization, foreign body removal techniques, childhood poisoning, etc.). The stalls have eye-catching and inviting materials such as posters, interactive cases, quizzes, video material, radiology images, etc. Mannequins and/or equipment to demonstrate skills are available where appropriate. Delegates are free to browse at their own pace, and they will naturally stop and spend time at stalls that interest them.

The Marketplace session is a vibrant, novel and interactive conference event where experts tailor their teaching to the needs of the delegate. Isn’t this what all learners in the education marketplace want?



OUR PEMSIG
MARKETPLACE
— full steam ahead

**The ‘Marketplace’ – a novel
conference
teaching and learning model.
Cheema, B. SAMJ October 2014, Vol.
104, No. 10: 651-652.
DOI:10.7196/SAMJ.8820**



ICEM Hong Kong 2014



PEM MARKET PLACE ICEM MEXICO 2018



DAY 1. Medical PEM 14:00 a 17:00 hrs. Wednesday



NAME OF STANDS	COORDINATORS
1. PEM SIG Information (Membership/Projects)	Ffion Davies (UK) Adriana Yock (Costa Rica)
1. Toxicology	Flavio Figueroa (México) Sashikumar Ganapathy (India)
1. Child Abuse	Valentina Vega Rangel (México) Andrew Roland (UK)
1. Arrhythmias/Desfibrilación	Omar Flores (Mexico) Ed Oakley (Australia)
1. Sedation and Analgesia	Ciara Martin (Ireland) Fernando Soto (Puerto Rico)
1. Pediatric and Neonatal CPR	Liliana Caceres (Arg) Felix Vasquez (Mexico)
1. Shock and Fluids	Indumathy Santhanam (India) Patrick Van de Voorde (Belgica)
1. Intraosseous	Julia Hernandez (Mexico) Prinetha Moodley (South Africa)
1. Respiratory Emergencies	Javier Prego (Uruguay) Colin Powel (UK)
1. Rashes	Ryan Mary (UK) Jose Maria Estrada (El Salvador)
1. Telemedicine in PEM and social media	Haiko Jahn (UK) Heizi Waisman (Israel)
1. Ask Anything	Camilo Gutiérrez (USA) Baljit Cheema (South Africa)



PEM MARKET PLACE



ICEM MEXICO 2018 Day 2. PEDIATRIC - Trauma, Pre-hospital and Surgical (14:00-17:00 Thursday)



NAME OF STANDS	COORDINATORS
1. PEM SIG information (Membership/Projects)	Adriana Yock (Costa Rica) Baljit Cheema (South Africa)
1. Minor injuries (Tips y Tricks)	Camilo Gutierrez (USA) Ed Oakley (Australia)
1. Emergency cricotiroidectomy by puncture and surgery and retrograde intubation	Dr. Omar Flores (México) TBA
1. Triage/ Disaster	Adiel García Cuellar (USA) Carlos Jiménez (México)
1. CT or Not to CT for head injury	Franz Babl (Australia) Valentina Vega (México)
1. Pericardiocentesis and thoracic emergency drainage	Miguel Liera Bañuelos. (México) Flavio Figueroa (México)
1. Burn patient	Prientha Moodley TBA
1. Trauma Assessment	Heizi Waisman (Israel) Haiko Jahn (UK)
1. Pediatric Transport	Chong Shu-Ling (Singapore) Michelle Alisio (UK)
1. Abdominal Pain	Colin Powel (UK) Joanne F Paul (Trinidad Tobago)
1. Ultrasound in PEM	Felipe León Vega (México) TBA
1. Ask Anything	Ffion Davies (UK) Liliana Cáceres (Argentina)
1. ?NIV	Stuart Dialzel (New Zealand) **expert in Non-invasive ventilation ** ADD STALL

Spread the word!

Please encourage colleagues to join our group as new members, by sending a CV/resume and contacting Carol Reardon at carol.reardon@acem.org.au

PEMSIG Members

First name	Family name	Role	Country	IFEM Member Organisation/Other Org	Email Address
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