

Dear Colleague

Please see the updates of the Scientific Programme

Scientific Programme <u>click here</u>

The Scientific Programme will focus on current key issues in critical care. An internationally acclaimed speaker faculty is involved in directing the pre-congress workshops and participating in the scientific meeting. Programme highlights include:

Workshops: Practical hands-on sessions which will be restricted to a limited number of participants. These include: Cardiac and Non-Cardiac Ultrasound in the Critically III Patient, Basic Assessment & Support in Intensive Care Instructor course, Mechanical Ventilation Course, Percutaneous Tracheostomy as well as Basic and Advanced Airway Workshops.

Plenary Lectures: "State of the Art" presentations by leading experts in the field. These sessions will constitute a regular feature of the meeting. The lectures include:

== >	Haemodynamic monitoring of the critically ill patient: What do we do? (Monty Mythen)
== >	Critical Care: Where to next? (Jean-Louis Vincent)
== >	State of the art: The root cause of critical illness (John Marshall)
== >	Disaster preparedness: where are we and where should we be? (Edgar Jiminez)
=== >	Intrabdominal Hypertension: Cardiopulmonary considerations during resuscitation (Manu Malbrain)

Interactive Meet-the-Expert Sessions: These 90 minute sessions are designed to address cuttingedge issues by a panel of clinical experts. These include Haemodynamic Monitoring, ARDS, Nutrition, Fluids

INTRAVASCULAR VOLUME RESUSCITATION IN THE CRITICALLY ILL

I use crystalloid	(Anders Perner)
I use colloid	(Bertrand Guidet)
I restrict chloride	(Nor'azim Younis)

Debates: will be a regular feature *addressing controversial issues by experts in the field. They include:*

- ==> Ultrasound guidance for central venous catheterization is unnecessary (Daniel De Backer/David Muckart)
- ==> Combination antimicrobial therapy is unwarranted for gram negative nosocomial sepsis (Anand Kumar/Jeff Lip
- ==> Duration of antibiotic therapy has to be guided by biomarkers (Zsolt Molnar/Jean-Louis Vincent)

Thematic Parallel Sessions: *Sixty-five parallel sessions which will include, tutorials, clinical ward rounds, updates on recent trials, clinical applications and evidence based reviews of the literature. As a snap shot:*

Targeted Haemodynamic resuscitation	Jukka Takala
ECMO: How do you do it?	Marco Ranieri
Enter the new era of hemodynamic monitoring: The Microcirculation.	Can Ince
Assessment of intravascular volume	Jean Louis Teboul
Quantitative resuscitation of sepsis induced tissue hypoperfusion	Phil Dellinger
A renal colloid: A pipe dream?	John Myburg
Assisted ventilation minimizes lung injury	Paolo Pelosi
Predicting AKI in the ICU	Johan Groeneveld

Nursing Programme Highlights:

Maintaining competency in the ICU			
Dying in the ICU: Perceptions of ICU staff			
Promotion of patient safety in the ICU			
Protocolised Nutrition: How to get it right			
A practical approach to infection control			
Advancing Nursing Education and Training: Country Perspective			
Promoting Palliative Care in the ICU: Implications for Nursing Care			
Critical Care in Africa: Meeting the Challenges			

Paediatric Programme Highlights:

Plenary Lecture:	Palliative Care in the PICU – how do we make the experience bearable
Plenary Lecture:	Have we really made significant advances in Paediatric Critical Care in the last decade?
Parallel Sessions	
Respiratory support – What should we be doing for our patients?	Practical provision of oxygen
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Actually oxygen is bad

	High flow (humidified) oxygen CPAP and Non-invasive ventilation Panel discussion
Elimination of VAP – a dream or a	Bundles are NOT what we need (15 min)
real possibility? What do we need?	Only bundles have made a significant difference Bundles are OK – if they're implemented Panel discussion
Critical care for children – metabolic challenges	Glucose control – is that the real goal, or have we missed the point?
inclubble chancinges	Metabolic challenges in the PICU
Critical care for children – the brain	Cooling is where it's all at – or is it? What monitoring I would like on my child's brain (30 minutes) Finding the optimal place for sedation and analgesia with a developing brain Is "chemical restraint" OK when "physical restraint" isn't?
Ethics:	Quality of life & resource needs for ventilator dependent children Decisions about resource allocation (at multiple levels)
Sepsis:	Viral infections – relatively ignored (at our peril) Tuberculosis and the PICU It's actually all in the micro-circulation isn't it Focus on infection control in the PICU – new technology and approaches
Fluids and Renal support in the PICU / NICU	Making sense of fluid and electrolyte therapy in the critically ill child Making sense of fluid and electrolyte therapy in the critically ill neonate How do we rehydrate critically ill children with dehydration Renal support therapy – simpler is often better (or at least equivalent). Applying the therapy in practice
Ethics: Clinical ward round:-Who	

deserves this bed?

Website Quick-links: http://www.criticalcare2013.com/

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