

Preliminary Program (confirmed speakers)

Thursday 15.03.2012

Hypoxia and cardiovascular system

Hypoxic survival: from oxygen-sensing to survival strategies

Max Gassmann Zurich

Cardiovascular physiology applied to intensive care

Steve Schwartz Toronto

Fetal and transitional aspects of cardiovascular physiology

Istvan Seri Los Angeles

Overview on hemodynamic monitoring devices

Joe Carcillo Pittsburgh

Microvascular dysfunction in the critically ill

Dick Tibboel Rotterdam

Update on neonatal and pediatric sepsis treatment and outcome

Joe Carcillo Pittsburgh

Choosing patient tailored hemodynamic monitoring, oxygen delivery targets and therapies

- after cardiopulmonary bypass
- in the child suffering from acute lung injury
- in hemorrhagic shock
- in burn patient
- in the sick preterm infant

Steve Schwartz Toronto

Brian Kavanagh Toronto

Phil Spinella St Louis

Marc Jeschke Toronto

Istvan Seri Los Angeles

Case presentation at round table

Heart and pulmonary hypertension

Single ventricle physiology

Sarah Tabbutt San Francisco

Chronic compensated and acute decompensated heart failure

Steve Schwartz Toronto

Update on surgical and medical hypoplastic left heart syndrome management

Sarah Tabbutt San Francisco

The perioperative child with critical Fontan circulation

Steve Schwartz Toronto

Borderline left heart disease

Sarah Tabbutt San Francisco

Case presentation at round table

Pulmonary hypertension

Maurice Beghetti Geneva



Preliminary Program (confirmed speakers)

Friday 16.03.2012

Respiratory system

Respiratory physiology and lung mechanics applied to intensive care	Andreas Schibler Brisbane
Old and new insights in ventilation associated lung injury	Brian Kavanagh Toronto
Ventilatory / nonventilatory strategies in neonatal RDS/ CLD	David Tingay Melbourne
Ventilatory / nonventilatory strategies in pediatric ALI / ARDS	Brian Kavanagh Toronto
Difficult airway: the anesthesiologist's view	Markus Weiss Zurich
Emergency intubation in the sick neonate	David Tingay Melbourne
Emergency intubation in the critically ill child	Andreas Schibler Brisbane
Management of analgesia/sedation in the ventilated child: is there a between pain disease, induced delirium and muscle weakness?	Dick Tibboel Rotterdam
Case presentation at round table	

Mechanical organ support

Update on mechanical cardiopulmonary support	To be announced
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Burn, metabolism and liver trauma

The major burn patient: old and new aspects in pathophysiology and therapies	Marc Jeschke Toronto
Update on insuline therapy in the critically ill	
<ul style="list-style-type: none"> - what are the new pros - and additional cons 	Marc Jeschke Toronto Brian Kavanagh Toronto
Multidisciplinary approach to life-threatening pediatric liver trauma and abdominal compartment syndrom	
<ul style="list-style-type: none"> - the surgeon - the intensivist 	Jeffrey Upperman Los Angeles Phil Spinella St Louis
Management of severe necrotising enterocolitis	
<ul style="list-style-type: none"> - the surgeon's view - the intensivist's view 	Jeffrey Upperman Los Angeles Dick Tibboel Rotterdam
Case presentation at round table	



Preliminary Program (confirmed speakers)

Saturday 17.03.2012

Brain

Cerebrovascular physiology applied to intensive care

Ben Wagner Bern

Cerebral hemodynamics during transitional period

Istvan Seri Los Angeles

Neurosurgical options in the treatment of intracranial hypertension

Ann-Christine Duhaime Boston

Medical pediatric guidelines on severe head trauma

Phil Spinella St Louis

Outcome prediction during / after neonatal hypothermia

Linda de Vries Utrecht

Management of the neonatal posthemorrhagic hydrocephalus

- the surgical options
- the medical options

Ann-Christine Duhaime Boston

Linda de Vries Utrecht

Case presentation at round table

heart-lung interaction

Cardiopulmonary interactions in the critically ill child

Andreas Schibler Brisbane

Cardiopulmonary interactions perinatally

David Tingay Melbourne

Cardiopulmonary interactions in single ventricle

Sarah Tabbutt San Francisco

