

# 5th International Bedside Ultrasound Workshop in Pediatric Emergency, Neonatal and Intensive Care Medicine

meets

## PEMS POCUS WORKSHOP

### **preliminary program**

#### **Schedule: day 1**

07:30 AM Sign-In

08:00 AM Welcome and Introduction to POCUS Ultrasound

08:15 AM Physics and Fundamentals of Ultrasonography

08:45 AM Abdominal Exam FAST and FAFF

09:15 AM Thoracic Exam: Pneumonia, Pleural Effusion and Pneumothorax

09:45 AM Shock and Hypotension

10:15 AM Coffee Break

10:30 AM **Hands-On Skills (120 min)**

12:30 PM Lunch Break

01:15 PM Basic Cardiac views

01:45 PM Acute Abdomen in Neonates, Babies and Toddlers

02:15 PM Thoracic Exam 2): Pneumonia, Pleural Effusion and Pneumothorax

02:45 PM Basics Vascular Access

03:05 PM Coffee Break

03:30 PM **Hands-On Skills (120 min)**

05:30 PM Concluding

## **Schedule: day 2**

- 07:30 AM Sign-In
- 08:00 AM LV Systolic Function Assessment
- 08:30 AM Interactive Cardiac Cases
- 09:00 AM Ocular Exam (Monitoring of Intracranial Pressure)
- 9:30 AM Transcranial Doppler (Monitoring of Intracranial Pressure)
- 10:00 AM Coffee Break
- 10:30 AM **Hands-On Skills (120 min)**
- 12:30 PM Lunch Break
- 01:15 PM Approach to Lumbar puncture
- 01:45 PM Interactive Cases
- 02:05 PM Vascular Access and Umbilical Venous Cannulation in Neonates
- 02:35 PM Thoracic Exam 3): Lung Exam on the ventilator
- 03:00 PM Coffee Break
- 03:30 PM **Hands-On Skills (120 min)**
- 05:30 PM Concluding Remarks, Evaluation

## **Faculty - confirmed**

Maky Fraga MD, Neonatology at Children's Hospital of Philadelphia - Assistant Professor University of Pennsylvania (US)

Thomas Conlon MD, Critical Care Medicine at Children's Hospital of Philadelphia - Assistant Professor University of Pennsylvania (US)

Aaron E. Chen MD, Pediatric Emergency Medicine, Director of Emergency Ultrasound at Children's Hospital of Philadelphia - Assistant Professor University of Pennsylvania (US)

Nicole Sekarski MD Pediatric Cardiologist Children's Hospital Lausanne – Professor University Hospital Lausanne (CH)

Bert Hennig, MD Pediatric Cardiologist, Head of the Pediatric Department Sana Kliniken Leipziger Land (GER)

Rebecca Anderson MD, Pediatric ICU at Children's Hospital Zürich (CH)

Sonja Fontana MD, Pediatric Emergency Medicine at Children's Hospital Zürich (CH)

Fabrizio Romano MD, Pediatric Emergency Medicine at Children's Hospital Inselspital – University Hospital Bern (CH)

Volker Umlauf MD, Pediatric Critical Care Medicine at Children's Hospital Inselspital – University Hospital Bern (CH)

Aude Tonson la Tour MD, Co-head of the Pediatric Department at Hôpital de la Tour Geneva (CH)

Sara Schnyder MD, Pediatric Emergency Medicine at Children's Hospital Inselspital – University Hospital Bern (CH)

Steffen Schmidt MD, Pediatric Emergency Medicine at Children's Hospital Inselspital – University Hospital Bern (CH)