

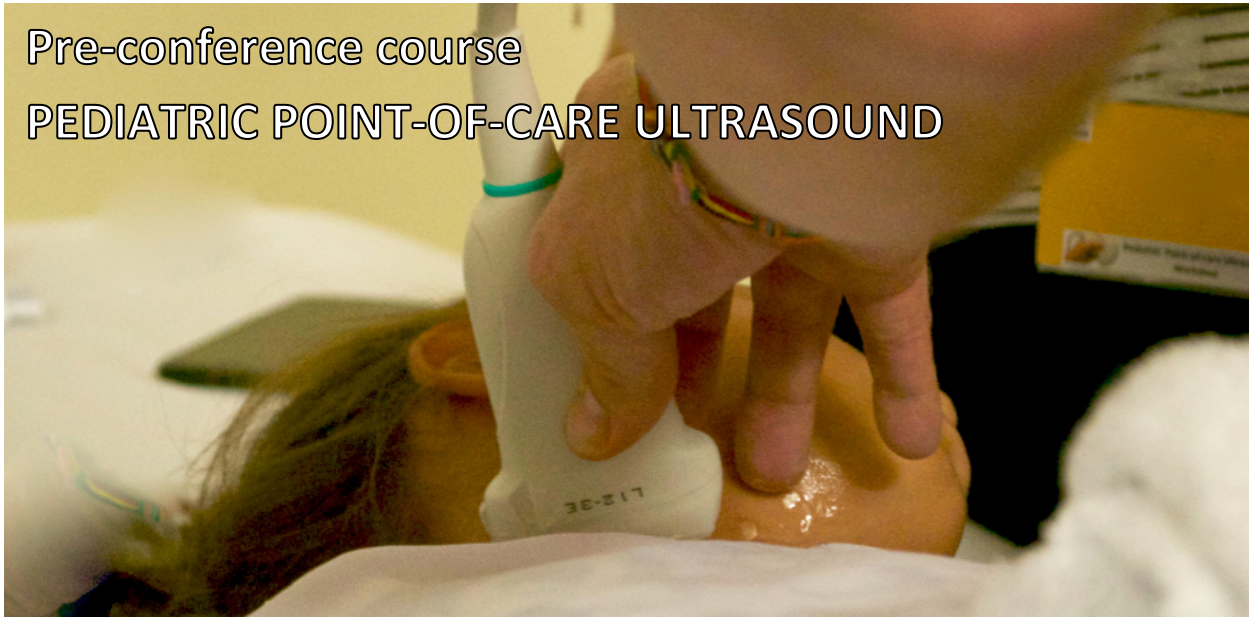


The 7<sup>th</sup> Congress of the  
**EUROPEAN ACADEMY OF PAEDIATRIC SOCIETIES**  
October 30 - November 3, 2018, Paris, France

A Joint Scientific and Educational Event of  
**EAP, ESPNIC and ESPR**



## Pre-conference course PEDIATRIC POINT-OF-CARE ULTRASOUND



Provided by the Pediatric Section of the European Society of Emergency Medicine (EuSEM) in collaboration with the European Academy of Paediatrics (EAP)

### COURSE COORDINATOR

**Corinne Wyder, MD**  
Kurwerk, Burgdorf, Switzerland



European Academy of Paediatrics

Paediatric Section of U.E.M.S.  
Union Européenne des Médecins Spécialistes

### FACULTY

**Niccolò Parri, MD**  
Meyer University Children's Hospital, Florence, Italy  
**Ron Berant, MD**  
Schneider Children's Medical Center of Israel  
**Sarah D. Jones, FRCEM, MBChB, BSc, DCH**  
Alder Hey Children's NHS Foundation Trust, Liverpool, UK  
**Alessandra Montemaggi, MD**  
Meyer University Children's Hospital, Florence, Italy  
**Magali Gauthey, MD**  
Hôpital de la Tour, Meyrin, Geneve and Hopitaux  
Universitaire de Geneve, Switzerland  
**Shirley Friedman, MD**  
Dana-Dwek Children's Hospital, Tel-Aviv Souraski medical  
center, Israel

**SPACE IS LIMITED!**

**29 & 30 October 2018**

**Palais des congrès de Paris  
2 Place de la Porte Maillot, 75017  
Paris, France**

### COURSE DESCRIPTION

This course will familiarize General Pediatricians to the uses of Point-of-Care Ultrasound (POCUS) with respect to the emergent pediatric patient.

It includes basic and advanced applications and combines lecture with hands-on scanning on live models.

Sessions will include emergency and resuscitative POCUS applications as focused cardiac evaluation, eFAST, diagnostic applications as soft tissues and musculoskeletal ultrasound, focused abdominal and lung ultrasound.

Supervision is provided by a POCUS trained faculty and pediatric emergency medicine physicians.



The 7<sup>th</sup> Congress of the  
**EUROPEAN ACADEMY OF PAEDIATRIC SOCIETIES**  
October 30 - November 3, 2018, Paris, France

A Joint Scientific and Educational Event of  
**EAP, ESPNIC and ESPR**



**Point-of-Care Ultrasound is optimal in pediatrics with the goal to improve patient care through safe, rapid, and effective means. Participants will learn basic point-of-care ultrasound applications to enhance clinical skills in caring for the acute pediatric patient.**

## LEARNING OBJECTIVES

At the conclusion of the course, participants should be able to:

- Describe how physics relates to ultrasound image acquisition and processing.
- Describe the principles of ultrasound operation, use of artifacts, and optimization of images.
- Identify the indications for and limitations of the use of Point-of-Care Ultrasound in pediatrics acute care.
- Recognize the relevant focused findings and pitfalls associated with point-of-care ultrasound applications.
- Implement clinical practice guidelines and standard protocols to help reduce risk and improve patient outcomes when using ultrasound techniques.

## AUDIENCE

Practicing physicians in Pediatrics, Emergency medicine, Pediatric emergency medicine, other Pediatric sub-specialists: Trauma/ER, Critical Care, Surgeons, Anesthesia, Fellows, Residents.

## FACULTY

**Niccolò Parri, MD.** Pediatric Emergency Physician, Chair Pediatric Section EuSEM, Lead physician for Point-of-Care Ultrasound, Meyer University Children's Hospital, Florence, Italy. Niccolò Parri is a pediatric emergency physician working both at the emergency department and trauma center at Meyer Children's Hospital. He completed the SIUMB (EFSUMB) ultrasound diploma. Currently he's leading 3 main research project on PEM POCUS and participates to several international POCUS educational initiatives.

**Ron Berant, MD.** Pediatric Emergency Physician, at the Emergency Department of Schneider Children's Medical Center of Israel. He completed a clinical fellowship in Pediatric Emergency Medicine and in Point-of-Care Ultrasound both at The Hospital for Sick Children, Toronto, Canada. He is the elected President P2 Network and lead physician for Point-of-Care Ultrasound at Schneider Children's Medical Center of Israel.

**Sarah D. Jones, FRCEM, MBChB, BSc, DCH.** Pediatric Emergency Physician at Alder Hey Children's NHS Foundation Trust, Liverpool, UK. She completed a clinical fellowship in Pediatric Emergency Medicine and in Point-of-Care Ultrasound both at The Hospital for Sick Children, Toronto, Canada

**Alessandra Montemaggi, MD.** Pediatrician at Meyer University Children's Hospital, Florence, Italy. She completed an honorary fellowship in the pediatric intensive care unit of the Evelina Children's Hospital in London. She completed a trainership in Point-of-Care Ultrasound at The Hospital for Sick Children, Toronto, Canada.

**Magali Gauthey, MD.** Head, Pediatric Emergency Medicine, hôpital de la Tour, Meyrin, Geneve and Staff, Pediatric Emergency Medicine, Hopitaux Universitaire de Geneve. She completed a clinical fellowship in Pediatric Emergency Medicine and in Point-of-Care Ultrasound both at The Hospital for Sick Children, Toronto, Canada.

**Shirley Friedman, MD.** Pediatric Intensive Care Physician and the leader for the Point-of-Care Ultrasound service at "Dana-Dwek" children's hospital, Tel-Aviv Souraski medical center, Israel. She completed a clinical fellowship in Pediatric intensive care medicine at Great Ormond Street Hospital, London, UK and a trainership in Point-of-Care Ultrasound at The Hospital for Sick Children, Toronto, Canada



The 7<sup>th</sup> Congress of the  
**EUROPEAN ACADEMY OF PAEDIATRIC SOCIETIES**  
October 30 - November 3, 2018, Paris, France

A Joint Scientific and Educational Event of  
**EAP, ESPNIC and ESPR**



## PROGRAM

### Day 1

### Monday, October 29

8.30-9.00	Greetings, presentation of the course and faculty	
9.00-9.45	Ultrasound basic principles – Knobology and artifacts	Niccolò Parri
9.45 -10.15	FAST	Sarah D. Jones
10.15-10.30	Break	
10.30-11.15	Lung Ultrasound	Niccolò Parri
11.15-13:00	<i>Hands-on: knobology, FAST and lung ultrasound</i>	
13.00-13.45	Lunch	
13.45-14.45	Focused cardiac and IVC	Ron Berant
14.45-16.00	<i>Hands-on: cardiac and IVC</i>	
16.00-16.45	Let's tie it all together – RUSH exam	Ron Berant
16:45-17:00	Q&A, feedback on day 1	

### Day 2

### Tuesday, October 30

8.30-9.00	Summary of day 1	
9.00-9:45	Focused abdomen: intussusception, appendicitis, pyloric stenosis	Shirley Friedman
09.45-10.45	<i>Hands on: Abdomen: intussusception, appendicitis, pyloric stenosis</i>	
10.45-11:00	Break	
11.00-11.45	Soft tissue and MSK (lymph node, cellulitis, abscess, hip effusion, fractures)	Magali Gauthey
11.45-12.45	<i>Hands-on: Soft tissue and MSK</i>	
12.45-13.45	Lunch	
13.45-15.00	<i>Hands on: advanced ultrasound management of the acute patient</i>	
15.00-15.45	How to get competent, continuous (E)learning, (E)resources	Ron Berant
15.45-16.00	Feedbacks, Q&A	