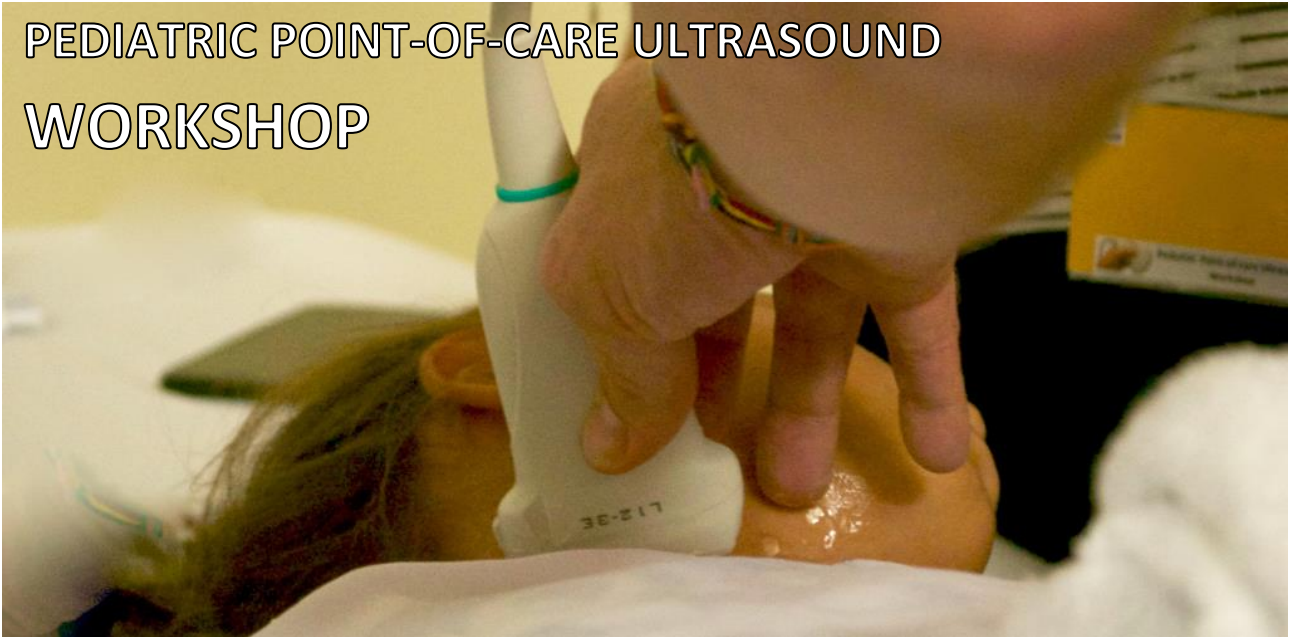


# PEDIATRIC POINT-OF-CARE ULTRASOUND WORKSHOP



Provided by the Pediatric Emergency Department of Meyer University Children's Hospital

## KEYNOTE SPEAKER

### Giovanni Volpicelli, MD, FCCP

San Luigi Gonzaga University Hospital, Torino, Italy  
Associate Prof. in Internal Medicine  
Editor-in-Chief Critical Ultrasound Journal  
Academic Editor Medicine  
Associate Editor European Respiratory Society Educational  
WINFOCUS Lung Ultrasound Programme Director

## FACULTY

### Ron Berant, MD

Schneider Children's Medical Center of Israel

### Angela Cirilli, MD

Cohen's Children's Hospital, NY

### Ayelet Shles, MD

Meir Medical Center, Kfar Saba, Israel

### Stephanie J. Doniger, MD, RDMS, FAAP, FACEP

St Christopher's Hospital for Children, Philadelphia, PA  
NYU Withrop Hospital, Mineola, NY

### Sarah D. Jones, MD, FCEM, MBChB, BSc, DCH

Alder Hey Children's NHS Foundation Trust  
Liverpool, UK

## COURSE DIRECTOR

### Niccolò Parri, MD

Meyer University Children's Hospital, Florence, Italy

**SPACE IS LIMITED!**

## DETAILS AND REGISTRATION

simulazionemeyer@gmail.com

## June 11-12<sup>th</sup>, 2018

**Villa la Quiete, via di Boldrone 1  
50141, Florence, Italy**

## COURSE DESCRIPTION

This workshop will familiarize the target audience to the uses of Point-of-Care Ultrasound (POCUS) with respect to the emergent and critically ill 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 ultrasound in the undifferentiated hypotensive patient, focused cardiac evaluation, eFAST, diagnostic applications as soft tissues and musculoskeletal ultrasound, focused abdominal, lung ultrasound, ocular ultrasound.

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

Under the patronage of



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 emergent and critically ill 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 pediatric emergency medicine.
- Recognize the relevant focused findings and pitfalls associated with pediatric emergency 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

**Ron Berant, MD.** Pediatric Emergency Physician, Elected President P2 Network, Lead physician for Point-of-Care Ultrasound at Schneider Children's Medical Center of Israel.

**Angela Cirilli, MD.** Pediatric Emergency Physician, Assistant Professor of Emergency Medicine and Ultrasound Director, Department of Emergency Medicine, St Johns Riverside Hospital, NY and Cohen's Children's Hospital, NY

**Ayelet Shles, MD.** Pediatric Emergency Physician at Meir Medical Center, Kfar Saba, Israel

**Stephanie J. Doniger, MD, RDMS, FAAP, FACEP.** Pediatric Emergency Physician, St Christopher's Hospital for Children, Philadelphia, PA and NYU Withrop Hospital, Mineola, NY

**Sarah D. Jones, MD, FCEM, MBChB, BSc, DCH.** Pediatric Emergency Physician at Alder Hey Children's NHS Foundation Trust, Liverpool, UK

**Niccolò Parri, MD.** Pediatric Emergency Physician, Chair Pediatric Section EuSEM, Lead physician for Point-of-Care Ultrasound, Meyer University Children's Hospital, Florence, Italy

## PROGRAM

Day 1	Monday, June 11	
8.00-8.30	Registration	
8.30-8:45	Greetings, presentation of the course and faculty	
8.45 -9.30	Ultrasound basic principles – Knobology	
9.30-10.00	FAST	
10.00-10.30	Lung Ultrasound	
10.30-10:45	Coffee Break	
10.45-12.45	<i>Hands-on session (FAST, lung)</i>	
13.00-13.30	Lunch	
13.30-14.15	Soft tissues and MSK	
14.15-15.00	Focused abdomen	
15:00-17:00	<i>Hands-on (soft tissues, MSK, focused abdomen)</i>	
Day 2	Tuesday, June 12	
8.30-9.15	Focused Cardiac, IVC	
9.15-10.00	Head and Neck	
10.00-10.15	Coffee break	
10.15-12:30	<i>Hands on</i>	
12.30-13.15	Lunch	
13.15-13.45	Procedures	
13.45-14.30	Shock (let's tie it all together) (RUSH)	
14.30-16.00	<i>Hands on</i>	
16.00-16.30	How to become competent, E-Resources	
16.30-16.45	Q&A	
16.45-17.00	Summary and feedback. Written test (only for Italian CME)	

### Scientific Secretary

**Dr. Niccolò Parri**

Emergency Department, Trauma Center - Meyer University Children's Hospital. e-mail: niccolo.parri@meyer.it

### Secretary

**Donatella Rossi**

e-mail: simulazionemeyer@gmail.com

office - + 39 055 5662812 – fax + 39 055 5662613

Meyer University Children's Hospital, Viale Pieraccini 24, 50139 – Florence, Italy

**Registration fee Euro 400,00**

## WORKSHOP VENUE

**Villa La Quiete (address: via di Boldrone 1, 50141 – Firenze, Italy)** takes its name from the fresco "La Quiete che pacifica il vento" (the calm that pacifies the wind), painted in 1632 by Giovanni da San Giovanni. The Villa was acquired in 1432 by Niccolò da Tolentino and in 1453 passed to Pierfrancesco of Lorenzo de' Medici and remained in the Medici family until 1561. In 1627 the Villa was purchased by the Grand Duchess of Tuscany, Christina of Lorraine and in 1650 passed to Eleonora Ramirez de Montalvo, founder of the secular Congregation of the Little Ancille of the Holy Trinity, whose main scope was the religious and cultural education of noble Florentine maidens. The church pertaining to the Villa was built and consecrated in 1688 upon commission by the Grand Duchess Vittoria della Rovere.

In 1716 the Grand Duchess Anna Maria Luisa de' Medici, Electress of the Palatinate, assumed the patronage of the Montalvo, choosing La Quiete as a place of holiday and spiritual retreat. The frescoes on the ground floor date back to this period and the Italian garden is still considered among the most beautiful and best preserved Medici Gardens. With the suppression of all monasteries carried out by the Savoy government in 1864, Villa La Quiete became property of the state. The lay order of the Ancille of Holy Trinity was nonetheless allowed to continue their educational mission for young girls. Until the first half of the twentieth century, the Women's Conservatory La Quiete enjoyed a remarkable prestige, but since the Second World War, this centuries-old institution lost its role with a drastic decline in importance. Villa La Quiete is a property of the Regione Toscana and is managed by the University Museum System.

Further info: <https://www.msn.unifi.it/vp-46-villa-la-quiete.html>

