

## European School of Neonatology (ESN) Pre-congress Course at jENS 2023

Tuesday, 19 September 2023, 09:00 - 16:30 CEST

**ESPR section name:**

Circulation, Haematology & Oxygen Transport

**Course chair(s):**

Silvia Martini, Kasper Kyng and Eirik Nestaas

**Main theme:**

Neonatologist Performed Echocardiography (NPE)

**ECTS points:**

0.5

**Capacity:**

The number of attendees is limited to 40.

**Course objectives:**

- To provide an introduction to Neonatologist Performed Echocardiography (NPE), both theoretically (lectures) and practically (hands-on).
- To discuss the use of NPE for the assessment of several causes of neonatal haemodynamic failure

**Course programme:**

Time		Topic	Speaker
Start	End		
09.00	09.10	Welcome	Eirik Nestaas
09.10	09.30	How to get good images.	Samir Gupta
09.30	10.10	Routine Ultrasound Views	Eirik Nestaas
10.10	10.40	Review "Use of NPE in our clinic – clinical context".	Patrick McNamara
10.40	11.10	Coffee break	
11.10	11.40	Assessment of PDA.	Silvia Martini
11.40	12.10	Assessment of PPHN .	Kasper Kyng
12.10	12.40	Assessment of Neonatal Shock.	Aisling Smith
12.40	13.30	Lunch	
13.30	15.00	Hands-on Sessions*	Faculty
15.00	15.15	Coffee break	
15.15	16.15	Hands-on Sessions*	Faculty
16.15	16.30	Wrap-up	S. Martini & K. Kyng
16.30		End	

**\*Hands-on Sessions:**

There will be multiple stations during the hands-on sessions in the afternoon so Echocardiography can be practiced in smaller groups allowing for a hands-on experience for everyone (both on simulator and volunteers, i.e. healthy children).

**Faculty:**

Name	Institution	Country
Aisling Smith	Rotunda Hospital, Department of Neonatology.	Ireland
Eirik Nestaas	Division of Medicine and Laboratory Sciences, University of Oslo and Akershus University Hospital.	Norway
Kasper Kyng	Department of Paediatrics, Aarhus University.	Denmark
Patrick McNamara	Stead Family Department of Pediatrics, University of Iowa.	United States
Samir Gupta	School of Engineering and Computing Sciences, Durham University.	United Kingdom
Silvia Martini	Neonatal Intensive Care Unit, IRCCS Azienda Ospedaliero-Universitaria di Bologna, University of Bologna.	Italy