

NeoCard-UK 2025

16th Neonatal Cardiology & Haemodynamics Conference, United Kingdom

Monday 22nd – Tuesday 23rd September 2025

The Edgbaston Park Hotel, 53 Edgbaston Park Road,
Birmingham B15 2RS and Online



Conference Director: Professor Samir Gupta

Learning Objectives: To review neonatal haemodynamic and perinatal cardiology topics and provide updates from recent publications and research to guide cardiovascular management. The conference includes lectures and interactive discussions and invites attendees to share best practice via both the online networking hub and live networking opportunities.

Aimed at: NeoCard-UK is aimed at neonatologists, paediatricians, paediatric cardiologists, paediatric intensivists, advanced neonatal nurse practitioners and neonatal nurses.

Day 1 - Monday 22nd September

08:00 – 08:50	Registration & Coffee
08:50	Welcome & Introduction – Prof Samir Gupta
09:00 – 11:00	Session 1 Chairs: Prof Samir Gupta & Dr Caroline Jones
09:00	IUGR arteries: where have all the vessels gone? – Prof Arvind Sehgal
09:25	Cardio-pulmonary resuscitation and outcomes in extreme premature infants – Prof Charles C Roehr
09:50	Newborn resuscitation in infants with cardiac problems – Prof Jonathan Wyllie
10:15	Hemodynamic consequences of respiratory interventions in premature infants – Prof Arvind Sehgal
10:40	Panel discussion
11:00 – 11:30	Refreshment break, Exhibits & Networking
11:30 – 13:00	Session 2 Chairs: Dr David Crossland & Dr Nim Subhedar
11:30	Echocardiography assessment of patent ductus arteriosus – Dr Maria Carmen Bravo
11:55	Acetaminophen (Paracetamol) as early treatment of presymptomatic ductus arteriosus – Prof Jean Christophe Roze
12:20	Critical appraisal of early targeted treatment of PDA – Prof Samir Gupta
12:45	Panel discussion
13:00 – 14:00	Lunch, Exhibits & Networking
14:00 – 15:30	Session 3 Chairs: Dr Majd Abu-harb & Dr Sundaram Janakiraman
14:00	Fetal primary cardiomyopathy: Current state and strategies to improve outcome – Dr Caroline Jones
14:25	Impact of therapeutic hypothermia on cardiopulmonary performance – Prof Eirik Nestaas
14:50	Functional Echocardiography & Assessment of Pulmonary Hypertension – Prof Willem deBoode
15:15	Panel discussion
15:30 – 15:45	Coffee break
15:45 – 16:45	Session 4 – Expert opinion & Panel discussion Chairs: Dr David Crossland & Dr Maria Carmen Bravo Dr Maria Carmen Bravo, Prof Eirik Nestaas, Prof Charles C Roehr, Prof Florian Kipfmueeller, Prof Willem deBoode Weaning inotropes after stabilisation of infant Pulmonary hypertension in infant with hypoxic encephalopathy Ethics of cardiovascular resuscitation of <26 week gestation babies at birth
19:00	Conference Dinner - Lloyd Suite, Hornton Grange

For more information and to register, visit:
www.neonatalcardiology.co.uk

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Day 2 - Tuesday 23rd September

08:00 – 08:50	Registration & Coffee
08:50	Welcome & Recap of Day 1 — Prof Samir Gupta
09:00 – 11:00	Session 5
	Chairs: Prof Samir Gupta & Prof Willem deBoode
09:00	Fetal growth restriction: How the first nine months shape the rest of your lives – Prof Arvind Sehgal
09:25	Hemodynamics at the edge of viability – Dr Nim Subhedar
09:50	Role of non-invasive cardiac output monitoring in preterm neonates during postnatal transition – Dr Silvia Martini
10:15	Using MRI to investigate altered brain development in fetuses and infants with congenital heart disease – Dr Daniel Cromb
10:40	Panel discussion
11:00 – 11:30	Refreshment break, Exhibits & Networking
11:30 – 13:00	Session 6
	Chairs: Dr Sundaram Janakiraman & Dr Caroline Jones
11:30	Artificial intelligence to improve screening for congenital heart disease – Dr Thomas Day
11:55	Cardiovascular biomarkers for prediction of outcomes in infants with CDH – Prof Florian Kipfmueeller
12:20	Stably unstable: Who goes to cath lab vs. Who goes to OR AND When – Dr David Crossland
12:45	Panel discussion
13:00 – 14:00	Lunch, Exhibits & Networking
14:00 – 15:30	Session 7
	Chairs: Prof Jonathan Wyllie & Dr Caroline Jones
14:00	Pharmacotherapy for management of pulmonary hypertension – Prof Florian Kipfmueeller
14:25	Nutritional considerations for the neonate with congenital heart disease – Prof Jon Dorling
14:50	Can echocardiography reliably assess diastolic performance in preterm infants? – Dr David Crossland
15:15	Panel discussion
15:30 – 15:45	Coffee break
15:45 – 16:45	Session 8 – Expert opinion & Panel discussion
	Chairs: Dr David Crossland & Dr Caroline Jones
	Prof Arvind Sehgal, Prof Florian Kipfmueeller, Dr Caroline Jones, Dr Nim Subhedar, Dr Silvia Martini
	Biggest mistake I ever made and what I learned from it
	Cardiac arrest of CCHD patient in NICU
	Neonatal hypertension
16:45 – 16:50	Thanks & Close — Prof Samir Gupta

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Organising Faculty

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Chair Division of Neonatology, Sidra Medicine, Doha, Qatar

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Professor of Neonatology,
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University of Bristol, UK

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Professor Emeritus,
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President of French Society
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This meeting has been awarded with 2 BSE points.
RCPCH CPD approved. Please note that CPD Credits can only be claimed if
you join the conference live, either online or in person (rather than
watching the recording later).

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