

NeoCard-UK 2024

Neonatal Cardiology & Haemodynamics Conference, United Kingdom

Monday 23rd – Tuesday 24th September 2024

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 23rd September

08:00 – 08:50

Registration

08:50 – 09:00

Welcome & Introduction

Session 1

09:00 - 09:25

The transitional circulation in infants with CCHD: A Cardiologist perspective - *Dr Caroline Jones*

09:25 - 09:50

Haemodynamic management of severely growth retarded infant - *Professor Willem de Boode*

09:50 - 10:15

There is a family history of an inherited cardiac condition - what investigations are appropriate in the neonatal period? - *Dr Bernadette Khodaghalian*

10:15 - 10:45

Debate: Inotropes should be used as per standard unit policy - *Dr Aisling Smith (For) & Professor Yogen Singh (Against)*

10:45 - 11:00

Panel discussion

11:00 – 11:15

Refreshment Break and Networking

Session 2

11:15 - 11:40

POCUS vs NPE: Framework for practice - *Professor Yogen Singh*

11:40 - 12:05

Physiology based management of Neonatal Shock - *Professor Samir Gupta*

12:05 - 12:30

Current evidence for using NIRS to guide haemodynamic management - *Dr Tomasz Szczapa*

12:30 - 13:00

Debate: You can't run a neonatal unit without 24/7 echo cover - *Dr Phani Kiran Yajamanyam (For) & Dr Jayanta Banerjee (Against)*

13:00 - 13:15

Panel discussion

13:15 – 14:00 Lunch Break and Networking

Session 3: Controversies (15 min each)

14:00 - 14:15

Low platelet count – Where to draw the line? - *Dr Jayanta Banerjee*

14:15 - 14:30

Should Sodium bicarbonate be used on neonatal intensive care unit? - *Dr Nandiran Ratnavel*

14:30 - 14:45

Is Cath closure of PDA safe in babies below 1000g? - *Dr Chetan Mehta*

14:45 - 15:00

Evidence for Fluid resuscitation of infants with septic shock - *Dr Sundaram Janakiraman*

15:00 - 15:15

Enoxaparin use for Intravascular thrombosis - *Dr Phani Kiran Yajamanyam*

15:15 - 15:30

Artificial intelligence in Haemodynamic monitoring - *Dr Tomasz Szczapa*

15:30 - 15:45

Panel discussion

15:45 – 16:00

Refreshment Break and Networking

Session 4 – Case based Discussion Neonatal Haemodynamics

16:00 - 17:00

How bedside functional echo helped clinical management on the NICU - *Professor Yogen Singh & Professor Afif El-Khuffash*

For more information and to register, visit:

www.neonatalcardiology.co.uk

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Day 2 Tuesday 24th September

08:00 – 08:25

Registration

08:25 – 08:30

Introduction to Day Two

Session 5

08:30 – 08:55

Antenatal detection and counselling of parents with fetal CCHD - *Dr Caroline Jones*

08:55 – 09:20

Exit management of Critical Congenital Heart Disease - *Dr David Crossland*

09:20 – 09:45

When right ventricle goes wrong in pulmonary hypertension - *Professor Willem de Boode*

09:45 – 10:15

Debate: Feeds should be stopped during packed cell transfusion - *Dr Sundaram Janakiraman (For) & Professor Afif El-Khuffash (Against)*

10:15 – 10:30

Panel discussion

10:30 – 10:45

Refreshment Break and Networking

Session 6 - Hot topics (15 min each)

10:45 – 11:00

Management of symptomatic neonates/ infant with tetralogy of Fallot - *Dr David Crossland*

11:00 – 11:15

Universal Early echo haemodynamic screening in micro-preemie - *Dr Aisling Smith*

11:15 – 11:30

Utility of functional echo in managing CDH - *Dr Phani Kiran Yajamanyam*

11:30 – 11:45

Management of pulmonary hypertension in infants with BPD - *Dr Nim Subhedar*

11:45 – 12:00

Updates in management of Neonatal Arrhythmias - *Dr Bernadette Khodaghalian*

12:00 – 12:30

Panel discussion

12:30 – 13:30

Lunch Break and Networking

Session 7

13:30 – 13:55

Do's & Don'ts for transport of infants with complex congenital heart disease - *Dr Nandiran Ratnavel*

13:55 – 14:20

Role of cardiac function assessment in managing PDA - *Professor Afif El-Khuffash*

14:20 – 14:45

Diagnosed Pulmonary vein stenosis in sick preterm infant – Now what to do? - *Dr Chetan Mehta*

14:45 – 15:15

Debate: iNO should not be used in cases of Congenital diaphragmatic hernia - *Dr David Crossland (For) & Dr Nim Subhedar (Against)*

15:15 – 15:30

Panel discussion

15:30 – 15:45

Refreshment Break and Networking

Session 8 – Case based Discussion – Paediatric Cardiology

15:45 – 16:45

Congenital heart diseases in Newborn: Approach to management - *Dr David Crossland & Dr Caroline Jones*

16:45 – 16:50

Thanks & Close

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Organising Faculty

Professor Samir Gupta

Professor of Neonatology,
Durham University, UK
and Chair Division of Neonatology,
Sidra Medicine, Doha, Qatar

Dr Sundaram Janakiraman

Consultant Neonatologist,
James Cook University Hospital,
Middlesbrough, UK

Professor Patrick McNamara

Professor of Paediatrics,
University of Iowa Hospitals and Clinics, USA

Dr Majd Abu-Harb

Consultant Neonatologist,
Paediatric Cardiologist,
Sunderland Royal Hospital, UK

Professor Jonathan Wyllie

Consultant Neonatologist,
Paediatrician with Expertise in Cardiology,
James Cook University Hospital,
Middlesbrough, UK

Dr Caroline Jones

Consultant Paediatric & Fetal Cardiologist,
Alder Hey Children's Hospital,
Liverpool, UK

Dr David Crossland

Consultant ACHD and Paediatric Cardiologist,
Freeman Hospital,
Newcastle upon Tyne, UK

Dr Nim Subhedar

Consultant Neonatologist,
Liverpool Women's Hospital, UK

Professor Willem de Boode

Professor of Neonatology,
Radboudumc Amalia Children's Hospital,
The Netherlands

Speaker Faculty

Dr Jayanta Banerjee

Consultant Neonatologist,
Imperial College London, UK

Dr David Crossland

Consultant ACHD and Paediatric Cardiologist,
Freeman Hospital, Newcastle upon Tyne, UK

Professor Willem de Boode

Professor of Neonatology,
Radboudumc Amalia Children's Hospital,
The Netherlands

Professor Afif EL-Khuffash

Neonatologist and Professor of Paediatrics, The
Rotunda Hospital, Dublin, Ireland

Professor Samir Gupta

Professor of Neonatology,
Durham University, UK and Chair Division of
Neonatology, Sidra Medicine, Doha, Qatar

Dr Sundaram Janakiraman

Consultant Neonatologist, James Cook
University Hospital, Middlesbrough, UK

Dr Caroline Jones

Consultant Paediatric & Fetal Cardiologist,
Alder Hey Children's Hospital, Liverpool, UK

Dr Bernadette Khodaghalian

Paediatric Cardiologist with a specialist interest
in inherited cardiac conditions,
Alder Hey Children's Hospital, Liverpool, UK

Dr Chetan Mehta

Consultant Paediatric Cardiologist
and Lead Interventional Cardiologist,
Birmingham Women's and Children's
NHS Foundation Trust,
Birmingham, UK

Dr Nandiran Ratnavel

Consultant Neonatologist,
The Royal London Hospital, London, UK

Dr Tomasz Szczapa

Consultant Neonatologist,
Poznan University of Medical sciences, Poland

Professor Yogen Singh

Professor of Paediatrics – Neonatology, UC
Davis Children's Hospital, Sacramento, US

Dr Aisling Smith

Consultant Neonatologist, The Rotunda
Hospital, Dublin, Ireland

Dr Nim Subhedar

Consultant Neonatologist, Liverpool Women's
Hospital, Liverpool, UK

Dr Phani Kiran Yajamanyam

Attending Neonatologist,
Sidra Medicine, Doha, Qatar

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RCPCH and BSE CPD points have been applied for. 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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