

# Neonatal & Paediatric ECG & Arrhythmia Course (Remote delivery on Zoom)

Friday 14 June 2024 (08:30 to 17:15 hours)

**(RCPCH CPD approved)**

**Registration - please email: [venu.gopalan@paediatriccardiology.uk](mailto:venu.gopalan@paediatriccardiology.uk); Registration fee: £99.**

## **Target audience**

- Paediatric, neonatal, PICU and Emergency Paediatric consultants and trainees
- Allied Health care professionals who deal with children and babies
- CAMHS professionals who are faced with the task of reviewing ECGs.

## **Course Objectives**

- This is a Basic Plus course.
- Participants will refresh reporting of normal ECG in neonates and children.
- Participants will achieve an understanding of the recognition and management of cardiac arrhythmias.
- Participants will update on investigations in the context of sudden death in the family.
- Participants will be able to recognise a range of abnormal ECGs including normal and abnormal rhythm disturbances, and Long QT related issues (ADHD medications etc)
- Participants will refresh the role of the paediatrician in children with dizziness/syncope/palpitation.
- Participants will learn the basics of 24-hour tape interpretation in paediatric population.

## **Course Organisers and Faculty**

### Course Directors:

P Venugopalan, Consultant Paediatrician with Cardiology Expertise, University Hospitals Sussex NHS Foundation Trust

S Raina, Consultant Paediatrician with Cardiology Expertise, Princess Alexandra Hospital, Harlow, London

### Course Faculty:

B McCrossan, Consultant Paediatric Cardiologist, Royal Belfast Hospital for Sick Children, Belfast

A Gandhi, Consultant Paediatrician with Cardiology Expertise, Heart of England Hospital, Birmingham

A Shastri, Consultant Paediatrician with Cardiology Expertise, Norwich & Norfolk Uni Hospitals NHS Trust

P Katta, Consultant Paediatrician with Cardiology Expertise, East Surrey Hospital, London (13)

Dr A McCorquodale, Consultant Paediatrician, Princess Alexandra Hospital, Harlow, London

O Muntean, Consultant Paediatrician with Cardiology Expertise, Conquest Hospital, Hastings

A Iyengar, Paediatric Cardiology Registrar, GOSH

B Ramachandran, Senior Paediatric Trainee, East of England Deanery.

## Neonatal & Paediatric ECG & Arrhythmia Course (Remote delivery)

Friday 14<sup>th</sup> June 2024 (08:30 to 17:15 hours)

08.30 – 09.00	<b>Registration &amp; Log in procedures</b>	
09.00 – 09.15	Welcome & Programme outline	Sanjay / Anna / Venu
	<b>Moderator – AM Sessions – A McCorquodale</b>	
09.15 – 10.00	Please have a quick look at this ECG (normal paediatric ECG)	P Venugopalan
10.00 – 10.45	Neonatal ECG - including benign neonatal arrhythmias.	A Shastri
10.45 – 11.15	ECG in Congenital Heart Defects	P Katta
11.15 – 11.30	<b>Coffee Break</b>	
	Sessions (20 min + 10 min discussion)	
11.30 – 12.00	SVT in the neonate – diagnosis and management	A Shastri
12.00 – 12.30	Long QT syndrome and ADHD medications	B McCrossan
12.30 -13.00	Cardiac syncope – a secondary care approach	A McCorquodale
13.00 – 14.00	<b>Lunch Break &amp; Prayer Time</b>	
	<b>Moderator – PM Sessions – P Katta / S Raina</b>	
14.00 – 14.30	24-hour tape interpretation	B McCrossan
14.30 – 15.00	POTS – role of the paediatrician	A Gandhi
15.00 – 15.30	Diagnose this ECG (Basics) - practical session 1	A Iyengar
15.30 – 15.45	<b>Coffee Break</b>	
15.45 – 16.15	Diagnose this ECG (CHD) - practical session 2	P Katta
16.15 – 16.45	Diagnose this ECG (Rhythm)– practical session 3	O Muntean/B Ramachandran
16.45 – 17.15	<b>Concluding session with Q&amp;A</b>	All Faculty