

ECG in Clinical Practice: From Basics to Confidence (Remote delivery on Zoom)

A Neonatal and Paediatric Course

Friday 29 January 2027 (08:30 to 17:15 hours)

(RCPCH CPD applied)



Registration - <https://cardiologyskills.co.uk/home/courses/from-basics-to-confidence/>

Registration fee £99 (using the above link); Plus £20 if you add the Basics e-Learning

Target audience

- Paediatric, Neonatal, PICU and Emergency Paediatric Consultants and Trainees
- Locally Employed Doctors and Foundation Programme Trainees
- Paediatric & Neonatal Clinical Nurse Specialists and Advanced Nurse Practitioners
- Other Allied Health care professionals who manage babies, children & young people
- International Medical Graduates (IMG) – to upskill local management pathways

Course Objectives

- This is a clinical and problem-oriented ECG & Arrhythmia course.
- Participants will refresh reporting of normal ECG in neonates and children (pre-course reading/ECG Basics e-Learning) – the course as such will focus on ECG beyond the basics.
- Participants will achieve an understanding of the recognition and management of SVT, VT, ectopics and heart blocks.
- Participants will update on investigations in the context of suspected cardiomyopathies and congenital heart disease.
- Participants will be able to recognise and manage a range of abnormal ECGs including Long QT and medication use.
- Participants will revise the ECG diagnosis of pulmonary hypertension, pericarditis, myocarditis, electrolyte disturbances etc

Course Organisers and Faculty

Course Directors:

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

Course Organiser:

P Patel, Consultant Paediatrician, Royal Surrey Hospital, Guildford, UK

Course Faculty:

D Wilson, Consultant Paediatric Cardiologist, Children's Heart Unit, Cardiff

V Bhole, Consultant Paediatric Electrophysiologist, Birmingham Children's Hospital

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

A Khushnood, Consultant Paediatric Cardiologist, Sheikh Khalifa Medical City, Abu Dhabi

B Khodaghalian, Consultant Paediatric Cardiologist, Alder Hey Children's Hospital, Liverpool

A Gandhi, Consultant Paediatrician with Cardiology Expertise, University Hospitals 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

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

D Dave, Consultant Paediatrician with Cardiology Expertise, Kings Mill Hospital, UK

A Verma, Paediatric SPIN Trainee, Southampton General Hospital.

Programme outline (on Zoom platform)

9-9.15	Registration & House keeping	Venugopalan P	
9.15-10.00	Neonatal SVT	Neonatal SVT responding to adenosine <i>Aravind Shastri</i>	SVT not responding to adenosine <i>Brian McCrossan</i>
10.-10.45	Ectopics	Ectopics and heart blocks <i>Dhaval Dave</i>	When to investigate? When to treat? <i>Vinay Bhole</i>
11.00-11.45	VT	ECG diagnosis of VT <i>Aravind Shastri</i>	When to investigate? How to treat? <i>Vinay Bhole</i>
11.45-12.30	ECG in CHD	CHD – pre and post op <i>Anjum Gandhi</i>	Some challenging cases <i>Dirk Wilson</i>
13.15-14.00	Cardiac syncope	Structural causes <i>Brian McCrossan</i>	Arrhythmic causes <i>B Khodaghalian</i>
14.00-14.45	Cardiomyopathies	ECG diagnosis <i>Prashanthi Katta</i>	Diagnostic challenges <i>Abbas Khushnood</i>
15.00-15.45	Long QT Syndromes	LQTS clinical presentation and ECG diagnosis <i>Anna McCorquodale</i>	Diagnostic challenges and monitoring for ADHD medications <i>Brian McCrossan</i>
15.45-16.30	Other Conditions	Myo-pericarditis, pulmonary hypertension, electrolyte disturbance etc– ECG diagnosis <i>Archana Verma</i>	Management strategies <i>Dirk Wilson</i>
16.30-17.00	Final Q&A		<i>All Faculty</i>