

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

## A Neonatal and Paediatric Course

Friday 10 July 2026 (08:30 to 17:15 hours)

(RCPCH CPD applied)

**Registration - please go to [cardiologyskills.co.uk](http://cardiologyskills.co.uk) – For Registration & Card payments (Fee £99)**

### **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) – 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, Gilford, UK

#### Course Faculty:

S Sadagopan, Consultant Paediatric Electrophysiologist, Southampton General Hospital

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

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

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

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

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

### Programme outline

|             |                              |  |   |
|-------------|------------------------------|--|---|
| 9-9.15      | Registration & House keeping | Venugopalan  |   |
| 9.15-10.00  | Neonatal SVT                 | Neonatal SVT responding to adenosine<br><i>Aravind Shastri</i>   | SVT not responding to adenosine<br><i>Shankar Sadagopan</i>                         |
| 10.00-10.45 | VT                           | ECG diagnosis of VT<br><i>Aravind Shastri</i>  | When to investigate? How to treat?<br><i>Shankar Sadagopan</i>                      |
| 11.-11.45   | ECG in CHD                   | CHD – pre and post op<br><i>Anjum Gandhi</i>   | Some challenging cases<br><i>Dirk Wilson</i>  |
| 11.45-12.30 | Ectopics                     | Ectopics and heart blocks<br><i>Dhaval Dave</i>  | When to investigate? When to treat?<br><i>Vinay Bhole</i>                           |
|             |                              |  |   |
| 13.15-14.00 | Cardiac syncope              | Structural causes<br><i>Venugopalan P</i>  | Arrhythmic causes<br><i>Brian McCrossan</i>   |
| 14.00-14.45 | Cardiomyopathies             | ECG diagnosis<br><i>Prashanthi Katta</i>   | Diagnostic challenges and management<br><i>Abbas Khushnood</i>                      |
| 15.00-15.45 | Long QT Syndromes            | LQTS clinical presentation and ECG diagnosis<br><i>Anna McCorquodale</i>                                     | Diagnostic challenges and monitoring for ADHD medications<br><i>Brian McCrossan</i> |
| 15.45-16.30 | Other Conditions             | Myo-pericarditis, pulmonary hypertension, electrolyte disturbance etc– ECG diagnosis<br><i>Venugopalan P</i> | Management strategies<br><i>Dirk Wilson</i>   |
| 16.30-17.00 | Final Q&A                    |  | <i>All Faculty</i>  |