

Basic Paediatric & Neonatal Echocardiography Course

Date: 28th February (Saturday) & 1st March 2026 (Sunday)

Venue: Stoke Mandeville Hospital Aylesbury HP21 8AL

Core target audience: Paediatric consultants, trainees, SAS doctors and Locally Employed Doctors

Course fee: £500 for 2 days or £250 for 1 day (If anyone wish to join partly)

Number of delegates limited to 20

This activity applied for RCPCH CPD approval

Payment by: BACS (Online)

Account name: Paeds Cardio Courses

Account sort code: 40-08-68

Account Number: 30219797

Registration Link: [Basic Paediatric & Neonatal Echocardiography - Paediatric Cardiology Courses](https://www.paedscardiocourses.co.uk/courses/basic-paediatric-and-neonatal-echocardiography-course)

Course Director: Dr Prakash Dey Consultant Paediatrician Stoke Mandeville Hospital Aylesbury

Email to: info@paedscardiocourses.co.uk or p.dey@nhs.net

Topics covered:

1. Essential cardiac ultrasound Physics including Doppler
2. An approach to segmental sequential analysis
3. Echo Windows and views
4. Echo assessment of PPHN & Functional assessment
5. PDA assessment in the neonate
6. Normal echo images album
7. Echo assessment of CHD – Part I (Acyanotic Heart Diseases)
8. Echo assessment of CHD – Part II (Cyanotic Heart Diseases)
9. Abnormal echo image album

Key learning aims and objectives:

- Participants will familiarise with the relevant cardiac morphology
- Participants will learn the different echo windows and views
- Participants will achieve an understanding of the physics around good echo imaging
- Participants will understand the echo imaging of different heart defects
- Participants will perform supervised echocardiograms on babies and children
- Participants will be able to recognise a range of abnormal echocardiograms

Programme – 28 February 2026 (Saturday)

08.30 - 09.00	Registration & Coffee @ Post Graduate Medical Centre, Stoke Mandeville Hospital, Aylesbury	All Faculties
09.00 - 09.15	Welcome (including house keeping)	Prakash Dey Consultant, Stoke Mandeville Hospital
09.15 - 10.15	Essential Physics & Image Optimisation	Dr P Venugopalan Consultant, Brighton Hospital
10.15 - 11.15	An approach to segmental analysis	Prakash Dey Consultant, Stoke Mandeville Hospital
11.15 - 11.30	Tea, Coffee & Refreshments	
11.30 – 12.00	PDA assessment in the neonate	Narayana Vayyetti Consultant, Warrington Hospital
12:00 - 13:00	Normal ECHO images	Prakash Dey Consultant, Stoke Mandeville Hospital
13.00 - 14.00	Lunch	
14.00 - 17.00	Hands on stations @ Paediatric out-patient department Stoke Mandeville Hospital	All Faculties

Programme – 1st March 2026 (Sunday)

08.30 - 09.00	Registration, Tea & Coffee @ Postgraduate Medical Centre Stoke Mandeville Hospital	
09.00 - 09.30	Recap Windows/Views/Probes	Prakash Dey Consultant, Stoke Mandeville Hospital
09.30 - 10.30	Echo assessment of Acyanotic Heart Diseases	Satish Adwani Consultant, Oxford University Hospital
10.30 - 11.30	Echo assessment of Cyanotic Heart Diseases	Shakirah Balogun Consultant, Stoke Mandeville Hospital
11.30 - 11.45	Tea, Coffee & Refreshments	
11.45 - 12.15	Functional Assessment & PPHN	Mahesh Nanjundappa Consultant, Kings College London
12.15 – 12.45	Coronary Assessment	Archana Verma Registrar, Oxford University Hospital
12.45 - 13.00	Abnormal ECHO image album	Sankar Narayanan Consultant, Watford Hospital
13.00 - 14.00	Lunch	
14.00 – 17.00	Hands on stations @ Paediatric out-patient department Stoke Mandeville Hospital	All Faculties
17.00	Feedback & Final Q&A	Prakash Dey Consultant, Stoke Mandeville Hospital