

2010 Paediatric Cardiology ARCP Decision Aid – REVISED MARCH 2016

The tables below detail the requirements for satisfactory ARCP outcome at the end of each training year. This document replaces all previous versions from **March 2016**. Evidence of required competencies must be provided in the educational supervisor's report for each year of training.

CORE TRAINING REQUIREMENTS					
	Core curriculum requirements for ALL trainees			Specialist area trainees	
	ST4	ST5	ST6	ST7	ST8
Common competencies	Confirmation from ES report that these are attained Acceptable performance for level of training in MSF	Confirmation from ES report that these are attained	Confirmation from ES report that these are attained Acceptable performance for level of training in MSF Satisfactory result from patient survey	Confirmation from ES report that these are attained	Confirmation from ES report that these are attained Acceptable performance for level of training in MSF
Resuscitation	Valid APLS/EPLS				
IRMER¹	Valid IRMER			Valid IRMER (depending on specialist area)	
Educational supervisor's report	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
MCR	4 (incl. one report from another department)	4 (incl. one report from another department)	4 (incl. one report from another department)		4 (incl. one report from another department)
Audit	1 completed audit/service improvement by ST6			2nd completed audit/service improvement by ST8	
Exams	Satisfactory mark of at least 50% in KBA by ST6 ²				
Log book³	Completed	Completed	Completed	Completed	Completed

<i>Continued</i>	ST4	ST5	ST6	ST7	ST8
CPD	Morphology course Basic echo course Attendance at 80% national training days	Attendance at 80% national training days	Attendance at 80% national training days	Attendance at specialist area courses and/or conferences	Attendance at specialist area courses and/or conferences
Management and NHS structure	Information governance online course	Participation in management system (e.g. rota organisation/teaching sessions) by ST6		Management course (by end ST7) Evidence of understanding of local/national management issues in MSF/ES report	
Teaching		Teaching observation		Teaching observation	Teaching observation with results of feedback
General paediatric cardiology	Trainees should be competent in:				Trainees should maintain general paediatric cardiology competencies
	Assessment of patients presenting with some of the common cardiology conditions Assessment and management of some common paediatric cardiac emergencies	Assessment of patients presenting with most of the common cardiology conditions Assessment and management of most common paediatric cardiac emergencies	Assessment of patients presenting with any of the common cardiology conditions Assessment and management of all common paediatric cardiac emergencies including post-op.		
Minimum DOPS (range of procedures)	4-6	4-6	4-6	Dependent on area (see below)	
SLE requirement	5 CBD/mini-CEX	5 CBD/mini-CEX (must include post op)	5 CBD/mini-CEX (must include 1 on discharge planning)		
ACHD	3-6 months experience in ACHD excluding on-call by ST6 5 CBDs (one must relate to pregnancy) by ST6				
Fetal echo	5 CBDs including discussion of counselling by ST6				

1. An IRMER certificate must be obtained before trainees are permitted in the catheter laboratory
2. Failure to obtain a satisfactory mark in KBA will not prevent progression and trainees will be given the opportunity to repeat exam in ST7/8.
3. Logbooks should contain a variety of skills including TTE, TOE, epicardial echo, cardiac catheterisation etc.

CORE & SPECIALIST PROCEDURES					
	Core curriculum requirements for ALL trainees			Specialist area trainees	
	ST4	ST5	ST6	ST7	ST8
Transthoracic echo	Level 1	Level 2	Level 3	Level 3	
Trans-oesophageal & epicardial echo	Level 1	Level 1-2	Level 2	(Specialist training requirements only)	
Emergency pericardiocentesis*	Level 1	Level 1-2	Level 3	Level 3	
Cardioversion	Level 1	Level 2	Level 3	Level 3	
Pacing	Level 1	Level 1	Level 2 Insertion of temporary pacing wire (DOPS) Management of post-op pacing (CbD)	Level 3 (Pacing and EP only)	
12 lead ECG/CXR	Level 1	Level 2	Level 3	Level 3	
Ambulatory ECG/event recorder/exercise tolerance test	Level 1	Level 2	Level 3	Level 3	
Balloon atrial septostomy (echo guidance only)	Level 1	Level 2	Level 3	Level 3	
Cardiac catheterisation	Level 1	Level 1	Level 1	(Specialist training requirements only)	

*DOPS in pericardiocentesis may also be achieved using simulation tools

Definitions:

Level 1 – able to perform the procedure/interpret investigation under direct supervision/assistance

Level 2 – able to perform the procedure/interpret investigation with limited supervision/assistance

Level 3 – competent to able to perform the procedure/interpret investigation unsupervised and deal with complications

Events giving concern: The following events occurring at any time may trigger review of trainee's progress and possible remedial training: *issues of professional behaviour; poor performance in work-place based assessments; poor MSF performance; issues arising from supervisor report; issues of patient safety.*

SPECIALIST TRAINING REQUIREMENTS					
	Core curriculum trainees			Specialist area trainees	
	ST4	ST5	ST6	ST7	ST8
Fetal cardiology	Level 1 achieved by ST6			Level 2 Satisfactory scores for 5 CbDs including counselling issues	Level 3 Satisfactory scores for 5 CbDs including counselling issues
Advanced echo	Level 1 achieved by ST6			Level 2 for intra-operative echo Level 2 for advanced functional assessment 5 CbDs	Level 3 for intra-operative echo Level 3 for advanced functional assessment 5 CbDs
Specialist imaging (MRI ± CT)	Level 1 achieved by ST6			Level 2 scanning/reporting 5 CbDs	Level 3 scanning/reporting 5 CbDs
Cardiac catheterisation	Level 1 achieved by ST6			Competent second operator; level 2 for less complex procedures 5 CbDs	Level 3 as first operator for less complex procedures 5 CbDs
Pacing and electrophysiology	Level 1 achieved by ST6			Level 2 for pacemaker implantation and second operator for EP studies 5 CbDs	6 months in adult EP department Level 3 for pacemaker implantation; Level 3 for less complex studies 5 CbDs
Adolescent and adult congenital heart disease	Level 1 achieved by ST6			10 CbDs including pregnancy and employment	10 CbDs
Pulmonary hypertension	Level 1 achieved by ST6 (including 2 CbDs on PVR studies)			10 CbDs (including interpretation of PVR study), 2 mini-CEX	10 CbDs
Transplantation cardiology	Not applicable			10 CbDs, 2 mini-CEX	10 CbDs

There is an option for trainees to undertake the subspecialties above in years ST7 and ST8 as modular training. If training is being performed in this modular manner, with 2 subspecialties studied for one year each, then the competency level of each should be assessed as per the decision grid for ST7 in that sub-speciality. A valid IRMER certificate is required for cardiac catheterisation, pacing and electrophysiology and specialist imaging.