

## 2010 Cardiology (amendments 2016) ARCP Decision Aid

The table that follows includes a column for each training year which documents the targets that have to be achieved for a satisfactory ARCP outcome at the end of the training year. This decision aid replaces all previous versions from 1 November 2016. Please refer to curriculum for definition of competency levels and guidance on number and format of assessments.

### 1. Core curriculum requirements for all trainees

	ST3	ST4	ST5	ST6	ST7
<b>ALS (Course and certificate) also 2.24</b>	Valid	Valid	Valid	Valid	Valid
<b>IRMER (Course and certificate) also 2.25</b>			Valid	Valid	Valid
<b>Examination</b>			Specialist Exam attempted/passed	Specialist Exam attempted/passed	Specialist Exam passed
<b>Audit (cumulative requirement)</b>			1 Completed Audit or Quality Improvement Project		2nd Completed Audit or Quality Improvement Project
<b>MSF to assess Good Medical Practice</b>		Satisfactory		Satisfactory	
<b>Patient Survey to assess Good Medical Practice (e.g. post ward round or outpatients)</b>			1 Survey		1 Survey
<b>Management and teaching Courses</b>					Completed
<b>Teaching skills</b>	Teaching Observation				Teaching Observation
<b>CPD (annual attendance requirements at organised teaching or equivalent as organised by local programme)</b>	60% attendance	60% attendance	60% attendance	60% attendance	60% attendance

<b>Common competencies<sup>^</sup></b>	ES confirmation that satisfactory progress is being made	ES confirmation that satisfactory progress is being made	ES confirmation that satisfactory progress is being made	ES confirmation that satisfactory progress is being made	ES confirmation that level 3 / 4 achieved for all common competencies
<b>Log book of procedures</b>	Documentation completed	Documentation completed	Documentation completed	Documentation completed	Documentation completed
<b>Educational Supervisor's report</b>	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
<b>Multiple Consultant reports (MCR)</b>	4 - 6	4 - 6	4 - 6	4 - 6	4 - 6
<b>SLE requirements to cover Core Cardiology Curriculum, General Medical Competencies relevant to Cardiology and Core Procedures (See checklist below)</b>	5 CbD or mini-CEX  3 ACATs (Acute Medical or Cardiac take)*	5 CbD or mini-CEX  3 ACATs (Acute Medical or Cardiac take)*	5 CbD or mini-CEX  3 ACATs (Acute Medical or Cardiac Take)*		
<b>SLE requirements to cover Advanced Modular Syllabi and core topics not covered in ST3-5 (see checklist below)</b>				5 CbD or mini-CEX  2 ACATs (Acute Cardiac Take)	5 CbD or mini-CEX  2 ACATs (Acute Cardiac Take)
<b>Minimum DOPS requirements (see table below and assessment section of curriculum)</b>	4-6	4-6	4-6	4-6	4-6

\* ACAT for medical take if on GIM rota and cardiac take if on Cardiology rota

<sup>^</sup>10 of the common competencies do not require directly linked evidence in the ePortfolio

## 2. Checklist for curricular competencies

<b>General Medicine Competencies Relevant to Cardiology (to be completed by the end of ST5)</b>	<b>ST3</b>	<b>ST4</b>	<b>ST5</b>		
Chest Pain 2.1.a*					
Breathlessness 2.2 & 2.3*					
Syncope and pre-syncope 2.7*					
Palpitation 2.8*					
Black out/collapse*					
Shocked patient					
Unconscious patient					
GI bleeding Acute Confusion					
Medical Complications during acute illness and following surgical procedure					
<b>* Note overlap with Cardiology Core Curriculum topics below</b>					
<b>Core Cardiology Curricula Topics (to be completed by the end of ST7)</b>	<b>ST3</b>	<b>ST4</b>	<b>ST5</b>	<b>ST6</b>	<b>ST7</b>
1. Chest pain					
2. Stable angina					
3 Acute coronary syndromes and myocardial infarction					
4. Acute breathlessness					
5. Chronic breathlessness					
6. Heart failure					
7. Cardiomyopathy					
8. Patients with valvular heart disease					
9. Pre-syncope and syncope					
10. Arrhythmias					

11. Atrial fibrillation					
12. Pericardial disease					
13a. Primary and secondary prevention of cardiovascular disease					
13b. Hypertension					
13c. Lipid Disorders					
14. Adult Congenital Heart Disease					
15. The prevention and management of endocarditis					
16. Diseases of the Aorta and Cardiac Trauma					
17. Cardiac Tumours					
18. Cardiac rehabilitation					
19. Assessment of Patients with CV Disease Prior to Non-Cardiac Surgery					
20. Assessments of Patients Prior to Cardiac Surgery					
21. Care of Patients Following Cardiac Surgery					
22. Management of Critically Ill Patients with Haemodynamic Disturbances					
22. Heart Disease in Pregnancy					
24. Resuscitation – Basic and Advanced Life Support					
25. Radiation Use and Safety					
26. Community Cardiology					
27. Pulmonary Arterial Hypertension (PAH)					
28. Clinical Genetics and Inherited Cardiovascular Conditions					

<b>Core Procedures and Investigations (to be completed by the end of ST5)</b>	<b>ST3</b>	<b>ST4</b>	<b>ST5</b>	
1. Basic investigations: ECG, Ambulatory ECG and BP, Exercise Testing, CXR				
2. Echo (core)				
3. Nuclear Cardiology (core)				
4. CMR Resonance (core)				
5. Cardiac CT (core)				
6. Heart Rhythm Training (core)				
7. Interventional Cardiology (core)				
8. Pericardiocentesis				

### 3. Checklist for curricular competencies - Specialist area syllabus

<b>No</b>	<b>Units</b>	<b>Specialist area description</b>	<b>ST6</b>	<b>ST7</b>
4.1	4	Advanced Adolescent and Adult Congenital Heart Disease		
4.1b.	1	Heart disease in Pregnancy		
4.2.	4	Advanced Rhythm Training - EP + devices		
	2	Devices only		
4.3	2	Heart Failure (Advanced)		
4.4.	4	Interventional Cardiology		
5a	2	Cardiac Imaging - Echo 1		
	4	Cardiac Imaging - Echo 2		
5b	2	Nuclear		
5c	2	CMR		
5d	2	Cardiac CT		
6	1	Inherited Cardiovascular Conditions		

When two x 2 unit modules are chosen the balance between the completed competencies by the end of ST6 may differ but should be 50% overall combined for both modules. Guidance on allocation to advanced modules and dual CCT training in cardiology and GIM is available on the cardiology page of the [JRCPTB website](#).

#### 4. Core procedures and investigations requiring DOPs assessment

Please refer to the current curriculum for definition of competency levels and guidance on number and format of assessments.

	<b>ST3</b>	<b>ST4</b>	<b>ST5</b>	<b>ST6</b>	<b>ST7</b>
Transthoracic Echocardiography	Initial experience documented within Echocardiography Curriculum Delivery Tool and DOPS Level 1	Continuing experience documented within Echocardiography Curriculum Delivery Tool and DOPS Level 2	Completion of Echocardiography Curriculum Delivery Tool + Level 3 DOPS or BSE accreditation	Completion of Echocardiography Curriculum Delivery Tool + Level 3 DOPS or BSE accreditation	Completion of Echocardiography Curriculum Delivery Tool + Level 3 DOPS or BSE accreditation
Cardiac Catheterization	Level 1	Level 1-2	Level 2 *	Level 2-3	Level 3
Temporary Pacing	Level 1	Level 2	Level 2	Level 2	Level 3
Permanent Pacing	Level 1	Level 1	Level 2	Level 2	Level 2
Pericardiocentesis	Level 1	Level 1	Level 2	Level 2	Level 3
Cardioversion	Level 2	Level 3	Level 3	Level 3	Level 3

\*Trainees who wish to train in PCI must have achieved Level 3 competency in angiography by the end of ST5