

Clinical Radiology

Curriculum 2021



The Royal College of Radiologists

Interventional radiology ARCP decision aid and progression grids

Individual progress will be monitored by an annual review, the annual review of competency progression (ARCP). This facilitates decisions regarding progression through the training programme, as well as identifying any requirements for targeted or additional training where necessary. The following decision aid offers guidance on the domains to be reviewed and minimum expectations for progress. The decision aid should be used alongside the progression grids detailing the expected level of progress for the capabilities in practice (CiPs) at each stage of training.

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ARCP decision aid

Assessment		ST4	ST5	ST6	CCT	
Satisfactory workplace based assessments (minimum per year – pro rata for LTFT trainees)	mini-IPX	6	6	6	Critical progression point	
	Rad-DOPS	12	12	12		
	MSF	1	1	1		
	Teaching Observation	2	2	2		
	QIPAT	1	1	1		
	MDTA	2	2	2		
Clinical research		One research project undertaken during CR or IR subspecialty training, evidenced in Kaizen (e.g. by a research evaluation form or publication)				Critical progression point
Educational Supervisor's Report	Generic CiPs	Confirms trainee is meeting or exceeding expectations and no concerns for CR and IR CiPs At ST6 confirms trainee has met the requirements for completion of training for CR and IR CiPs				
	Specialty Specific CiPs					
	Milestones & procedures					
Examinations		FRCR 2B			Critical progression point	

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Progression grids

Generic CiP	ST1	ST2	ST3		ST4	ST5	CCT
1. Demonstrate the professional values and behaviours expected of all doctors as outlined in Good medical practice	4	4	4	Critical progression point	4	4	Critical progression point
2. Successfully function within the health service and healthcare systems in the UK	2	2	2		3	4	
3. Engage in reflection, clinical governance and quality improvement processes to ensure good practice	2	3	3		3	4	
4. Engage in evidence-based practice and safeguard data, including imaging data	3	3	3		4	4	
5. Act as a clinical teacher and supervisor	2	2	3		3	4	
6. Work well within a variety of different teams, communicating effectively with colleagues and demonstrating the skills required to lead a team	2	3	3		3	4	

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Specialty Specific CiP	ST1	ST2	ST3		ST4	ST5	CCT
7. Appropriately select and tailor imaging to patient context and the clinical question(s)	2	2	3	Critical progression point	4	4	Critical progression point
8. Provide timely, accurate and clinically useful reports on imaging studies	2	2	3		3	4	
9. Appropriately manage imaging examination lists/procedures according to clinical need and professional expertise	2	2	3		3	4	
10. Evaluate image quality and utilise knowledge of imaging sciences to optimise image quality	2	2	3		4	4	
11. Safely manage the imaging and image-guided intervention needed to support emergency care	2	2	2		3	4	
12. Effectively contribute an imaging opinion to a multidisciplinary team (MDT) meeting	1	1	2		3	4	

Specialty Specific CiP		ST4	ST5	ST6	CCT
13. Clinically manage all patients undergoing interventional radiology procedures under their care	Critical progression point	2	3	4	Critical progression point
14. Provide essential image guided therapy in emergency care as well as elective care in patients with complex pathology and multiple co-morbidities		2	3	4	

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Milestones and procedures for general interventional radiology

Milestones and procedures			ST4	ST5	ST6	CCT
All	Treatment of haemorrhage	Critical progression point	2	3	4	Critical progression point
	Treatment of ischemia		2	3	4	
	Management of sepsis		2	3	4	
	Management of luminal stenosis/obstruction		2	3	4	
	Management of thrombo-embolic disease		2	3	4	
Vascular intervention	Abdominal endovascular aortic aneurysm repair (EVAR)		2	3	4	
	Thoracic endovascular aortic aneurysm repair (TEVAR)		2	3	4	
	Complex EVAR e.g. fenestrated techniques		2	2	3	
Interventional oncology	Tumour ablation		2	3	4	
	Tumour embolotherapy		2	3	4	

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Milestones and procedures for interventional neuroradiology

Milestones and procedures		ST4	ST5	ST6	CCT
US guided arterial puncture (including carotid artery puncture)	Critical progression point	2	3	4	Critical progression point
Cerebral and spinal angiography including use of microcatheters, triaxial systems and occlusion testing		2	3	3	
All endovascular forms of treatment of intra/extra cranial aneurysm and treatment of cerebral vasospasm		2	2	3	
Embolisation for haemorrhage e.g. epistaxis and vessel trauma		2	2	3	
Endovascular procedures for device migration, malfunction or vessel perforation		2	2	3	
Cervical vessel angioplasty and stenting including carotid blow out		2	2	3	
Endovascular treatment of stroke due to large vessel occlusion (mechanical thrombectomy)		2	3	3	
Thrombolysis (arterial and venous sinus)		2	3	4	
Embolisation of dural, brain, craniofacial or spinal tumour		2	2	3	
Embolisation of cerebral, dural and spinal AVM or AVF		2	2	3	