

CURRICULUM – Syllabus document

CORE RADIOLOGY SYLLABUS (One Core booklet)

Cardiac radiology

1)	Develop an appropriate imaging strategy for the following presentations:
	<ul style="list-style-type: none">• Acute chest pain• Stable chest pain• Cardiovascular chest trauma• Exertional shortness of breath• Stroke and paradoxical embolism• Syncope• Sudden collapse• Palpitations with confirmed arrhythmia
2)	Recognise imaging features of the following diagnoses:
	<ul style="list-style-type: none">• Coronary artery disease and its complications• Normal imaging findings post cardiac surgery• Valvular heart disease including endocarditis• Common/basic congenital heart disease• Heart failure• Acute aortic syndrome• Common/significant cardiomyopathy (hypertrophic cardiomyopathy, dilated cardiomyopathy, arrhythmogenic right ventricular cardiomyopathy, amyloid, myocarditis)• Pericarditis• Acute and chronic pulmonary embolism• Cor pulmonale
3)	Appropriately manage the following imaging examinations and procedures:
	<ul style="list-style-type: none">• ECG gated CT of the chest• CT Coronary angiography• Safely administer beta blockers and GTN prior to coronary CT• Chest x-ray features of cardiac disease

HIGHER SPECIAL INTEREST SYLLABUS (Individual booklets)

Cardiac radiology

1)	Develop an appropriate imaging strategy for the following presentations:
	<ul style="list-style-type: none">• Symptoms related to acquired or congenital cardiac disease• Imaging prior to structural intervention• Complications of medical/surgical interventional treatment• Imaging patients with cardiac devices• Imaging heart disease in pregnancy

2)	Recognise imaging features of the following diagnoses:
	<ul style="list-style-type: none">• Complex congenital heart disease• Major vessel disease (thoracic aneurysm, Marfan's syndrome, vasculitis)• Complications of medical/surgical/interventional treatment• Cardiomyopathy including complex cardiomyopathies (eg restriction, non-compaction, parametric mapping)• Prosthetic valves• Complex pericardial disease• Cardiac tumours• Secondary hypertension• Pulmonary arterial hypertension

3)	Appropriately manage the following imaging examinations and procedures:
	<ul style="list-style-type: none">• Complex cardiovascular CT, including CT prior to cardiac interventions, e.g. TAVI, AF ablation• Cardiac MR including stress imaging• Nuclear cardiology including SPECT and/or PET including stress imaging• Understand the role of echocardiography• Understand the role of invasive angiography

- | | |
|--|---|
| | <ul style="list-style-type: none">• Prepare and lead multi disciplinary team meetings |
|--|---|