

HULL UNIVERSITY TEACHING HOSPITALS NHS TRUST

Referral Criteria for Medical CT Radiation Exposures

Cardiac Referrals

The Ionising Radiation (Medical Exposure) Regulations 2017

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Consultation Process			
Advice, Guidance and agreement sought from:			
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Managers		Nursing Staff	
		Medical Staff	
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INTRODUCTION

This document is written to ensure that departmental process conforms with the Ionising Radiation (Medical Exposure) Regulations 2017 (IRMER 2017).

PURPOSE

Referral Criteria: This document ensures the CT department is compliant with regulation 6(5a) of the Ionising Radiation (Medical Exposure) Regulations 2017.

It provides advice for referrers of patients for x-ray examinations to the CT department at Hull University Teaching Hospitals NHS Trust.

Valid clinical indications are listed but are not exhaustive.

Referrers are also advised to access I refer through e learning for health.

(<http://www.e-lfh.org.uk/home>)

Or discuss with a Consultant Radiologist

PROCEDURES

History	Scan Request	Question needing to be answered
Atypical Chest Pain, Risk factors for Coronary Heart Disease	Coronary angiogram+/- Coronary Calcium Score	? Coronary Artery Calcium Burden and / or Coronary Artery Disease
Previous CABG; new chest pain	Coronary Angiogram	? Diseased graft
Coronary Artery Stent, new chest pain	Coronary Angiogram	? Blocked stent
Failed Catheter Coronary Angiogram	Coronary Calcium Score and Coronary angiogram	? Coronary Artery Calcium Burden and / or Coronary Artery Disease / ? Origin of coronary arteries
Valvular Heart Disease	Coronary Angiogram	For assessment
Infection	Coronary Angiogram	? Endo carditis
Assessment of Pulmonary Veins	Pulmonary Venogram	? For atrial ablation ? Left atrial appendage clot. To assess anatomy of pulmonary veins.
Pre Op Assessment of Ascending Aorta	Thoracic Aorta	? Porcelain Aorta: ? Degree of calcification of ascending aorta
Pre Op Assessment – TAVI Planning	Whole Aorta – TAVI Planning	? Suitable for TAVI
For Pacemaker or other device replacement	CT Coronary Angiogram	? Location of leads

PROCESS FOR MONITORING COMPLIANCE

Regular audit shall take place to ensure referrers are providing radiology with sufficient clinical history to justify CT examination. Results shall be presented to CTMT / RPA

REFERENCES

Royal College of Radiologists (2012) iRefer 7th Ed. Royal College of Radiologists http://portal.e-lfh.org.uk/myElearning/Index?HierarchyId=0_28429 accessed 18/01/2016