

HULL UNIVERSITY TEACHING HOSPITALS NHS TRUST

Referral Criteria for Medical CT Radiation Exposures

Musculo-Skeletal Referrals including Spine

The Ionising Radiation (Medical Exposure) Regulations 2017

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Consultation Process			
Advice, Guidance and agreement sought from:			
Dr Gupta Lead MSK Radiologist.		Dr Moore – Radiation Protection Advisor	
Mrs Cooper - CT Section Manager HRI.		Dr Wood – Radiation Protection advisor.	
CT Management Team.		Mrs Tomlinson – CT Section Manager CHH.	
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Managers		Clinical Staff	Medical Staff
		Nursing Staff	
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22/05/2018	2	Andrew Stephens	General Update and review
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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

Scan Request	History	Question needing to be answered
C Spine	Known Fracture	Follow up
	Neck pain. known malignancy. MRI Contraindicated	? Cord compression
T Spine	Post Op spinal Fixation	? Position of operative implants
	Known Fracture	Follow up
	Thoracic Back pain. known malignancy. MRI Contraindicated	? Cord compression
L Spine	Low back pain. MRI contraindicated	? Spinal stenosis
	Low back pain.	? Spondylithesis
	Post Op spinal Fixation	? Position of operative implants
	Known Fracture	Follow up
	Low back pain known malignancy. MRI Contraindicated	? Cord compression
Extremity	Pain. Limited range of movements	? Loose bodies / Fracture
	ORIF / Joint replacement	? Position of implants
		? Infection
	Complex Fracture	? Position of fragments
For surgical procedure	Pre operative planning	
Pelvis	For surgical procedure	Pre operative planning

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