

Examination Protocols and Authorisation Protocols for Medical CT Radiation Exposures

Vascular Referrals excluding Neuro & Cardiac

CHH & HRI

The Ionising Radiation (Medical Exposure) Regulations 2017

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Consultation Process			
Advice, Guidance and agreement sought from:			
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Target Audience			
		Clinical Staff	
Managers		Nursing Staff	
		Medical Staff	
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01/05/2018	2	Andrew Stephens	Review and general update.

INTRODUCTION

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

PURPOSE

1. Exam Protocols: This document ensures the CT department is compliant with regulation 6(4) of the Ionising Radiation (Medical Exposure) Regulations 2017. Regulation 6(4) requires employers to write exposure protocols associated with medical exposures. It is a legal requirement for all IRMER Practitioners and IRMER Operators to follow these procedures
2. Authorisation Protocol: This document ensures the CT department is compliant with regulation 11(5) of the Ionising Radiation (Medical Exposure) Regulations 2017. If a patient attends the CT department and their request conforms to the criteria set out in this document, the IRMER Operator is entitled to authorise the individual medical exposure detailed in the request.

PROCEDURES

History	Scan Request	Question needing to be answered	Protocol	Delegated to Radiographer Authorisation
Neck swelling, engorging neck vessels	Chest	? SVC Obstruction	Protocol A - bilateral injection	Y
Enlarging AAA on U/S;	Abdomen / Abdominal Aorta	? Abdominal Aortic Aneurysm suitable for EVAR / surgical repair	Abdominal Aorta	Y
Known Aortic Aneurysm / Dissection	Abdomen / Abdominal Aorta	Surveillance ? Intervention required	Abdominal Aorta	Y
Patient for living renal donation	Renal Donor Assessment	Assessment of vascularity and integrity of potential donor kidney.	Renal Donor Assessment Protocol	Y
For DIEA breast reconstruction surgery	Abdomen	Assessment of abdominal perforator vessels	DIEA Protocol	Y
PUJ Obstruction	Renal Angiogram	? Crossing Vessels	Renal Angiogram	Y

PROCESS FOR MONITORING COMPLIANCE

Regular audit shall take place to ensure radiographers are authorising according to this protocol. Results shall be presented to CTOG / RPA

REFERENCES

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