

HULL UNIVERSITY TEACHING HOSPITALS NHS TRUST

Referral Criteria for Medical CT Radiation Exposures

CT Colonography Referrals

The Ionising Radiation (Medical Exposure) Regulations 2017

| Document Control | | | |
|---|--|---|---------------------------|
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| Lead IRMER Practitioner: | Dr Maliakal | Review Date: | August 2026 |
| Document Managed by Name: | Mr Stephens | Ratification Committee: | CT Management Team |
| Document Managed by Title: | CT Speciality Manager Radiation Protection Supervisor | Date EIA Completed: | August 2023 |
| Consultation Process | | | |
| Advice, Guidance and agreement sought from: | | | |
| Dr Byass / Dr Helbren – CTC Radiologist. | | Dr Moore – Radiation Protection Advisor | |
| Mrs Cooper - CT Section Manager HRI. | | Mrs Tomlinson CT Section Manager CHH | |
| CT Management Team. | | Dr Wood – Radiation Protection Advisor. | |
| Mrs B Bishop Lead CTC Radiographer | | Dr Binns / Dr Kennan Lead Body Radiologists | |
| Key words (to aid intranet searching) | | | |
| | | | |
| Target Audience | | | |
| | | Clinical Staff | |
| Managers | | Nursing Staff | |
| | | Medical Staff | |
| Version Control | | | |
| Date | Version | Author | Revision description |
| 21/08/2023 | 2 | A Stephens | General Review and update |

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 |
|--------------------|--|--------------------------------------|
| CT Colonography | Anaemia – Under 85 yrs Male HB <110 Female Hb < 100 Optical Colonoscopy Contraindicated | ? Polyps; ? Bowel Cancer |
| | Anaemia and Weight Loss Aged 70-85yrs | |
| | Rectal Bleeding ; No Change in Bowel habit +/- Weight loss +/-Abdo pain Aged 70 – 85yrs | |
| | Rectal Bleeding Change of Bowel habit to constipation Under 70 yrs | |
| | Rectal Bleeding Change of Bowel habit to constipation Optical Colonoscopy Contraindicated 70 - 85 yrs | |
| | Cancer seen on Optical Colonoscopy | To exclude proximal lesion |
| | Previous Polyps Optical Colonoscopy Contraindicated | ? recurrent polyps ? Polyp growth |
| | Bowel Symptoms: Failed Optical Colonoscopy | ? Polyps; ? Bowel Cancer |
| | Bowel Symptoms: Optical Colonoscopy Contraindicated | ? Polyps; ? Bowel Cancer |
| | Previous CT Abdo Pelvis raised concern re large bowel | ? Polyps; ? Bowel Cancer |

CT IRMER Procedures

| Scan Request | History | Question needing to be answered |
|-----------------|---|---------------------------------|
| CT Colonography | BCSP – Failed Optical Colonoscopy | ? Polyps; ? Bowel Cancer |
| | BCSP – Optical Colonoscopy Contraindicated | ? Polyps; ? Bowel Cancer |
| | Change in bowel habit – No Rectal bleeding Consultant Colorectal surgeon request | ? Polyps; ? Bowel Cancer |
| | FH Bowel Cancer | ? Polyps; ? Bowel Cancer |
| | Stricture on Optical Colonoscopy | ? Malignant ? diverticular |
| | | |

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