Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

10317

Accredited to BS 70000:2017

Hull University Teaching Hospitals NHS Trust

Issue No: 006 **Issue date:** 08 September 2025

Radiation Physics
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Activities performed by the Organisation at the locations specified below

Departments covered by the organisation and their relevant activities

Department details		Activity	Location code
Address Radiation Physics Castle Hill Hospital Cottingham HU16 5JQ United Kingdom	**Local contact** Richard Whitlam	Radiotherapy Physics • Treatment Planning • CT and Patient Specific QA • Linac and Orthvoltage QA	A
Address Radiotherapy Castle Hill Hospital Cottingham HU16 5JQ United Kingdom	**Local contact** Richard Whitlam	Radiotherapy • CT Imaging • Treatment Planning • Linac & CT QA	B

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DETAIL OF ACCREDITATION

Activity	Examination / Procedure Performed	Equipment/Techniques used	Location code
External Beam Radiotherapy treatment of Adults	Pre and On treatment Imaging for purpose of planning for : - Breast - Head and Neck - Prostate - Lung - Oesophagus - Bladder - Pancreas - Brain - Rectum - Anal Canal	Documented In house methods (LOC_PRD_2) using the following: • Computerised Tomography - Siemens Somatom Go Open Pro scanners, 128 slice.	B
	Dosimetric calculations and evaluation for planning of **radical** MV photon treatments for: - Breast - Head and Neck - Prostate - Lung - Oesophagus - Bladder - Pancreas - Brain - Rectum - Anal Canal	Documented In house methods using the following: • Radiotherapy Treatment Planning System / Eclipse Treatment Planning System o VSim o IMRT o VMAT o Stereotactic - SBRT (lung only)	A
	Dosimetric calculations and evaluation for planning adult **palliative** MV photon treatments for all sites	• Radiotherapy Treatment Planning System / Eclipse Treatment Planning System o VSim	A & B
	Verification of MV photon treatment plans by: - Independent Dose Verification	Documented In house methods (Procedure number) using the following: • Independent dose calculation software o PTW Diamond o IBA Compass o Suncheck	A B (VSim only)

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Activity	Examination / Procedure Performed	Equipment/Techniques used	Location code
External Beam Radiotherapy treatment of Adults	Verification of MV photon treatment plans by (Cont'd) - Patient Specific QA	Documented In house methods (Procedure number) using the following: - Point Dose Measurements o Ionisation chamber detector array o IBA MatriXX Evolution - Volumetric Measurement o IBA Compass o Mobius3D - EPID Based Measurements - Varian Portal Dosimetry	A
	Manual calculations for planning MeV electron and kV photon adult treatments of: - Superficial lesions - non-malignant skin conditions	Documented In house methods (TP-PRC-5 and TP-PRC-12) using the following: • Manual calculation using documented data tables	A B
	Commissioning, quality control and maintenance of the following equipment: • external beam radiation equipment: - Linear Accelerators (Linacs) - Orthovoltage • Computerized Tomography equipment:	Documented In house methods (EM-PRC-7, EM-PRC-8 and EM-PRC-13) using the following: • Varian Truebeam • Clinac iX / OBI • Halcyon • Eclipse Planning System • XStrahl 200 Documented In house methods LOC -PRC-6 using the following: • Siemens Somatom Go Open Pro scanners, 128 slice.	A B (daily QC only)
END			