


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 10318 Accredited to BS 70000:2017	Western Health and Social Care Trust Issue No: 003 Issue date: 22nd February 2021	
	North West Cancer Centre Altnagelvin Hospital Londonderry BT47 6SB United Kingdom	Contact: Sheila Loughlin Tel: +44 (0)2871 345 171 x212339 E-Mail: Sheila.Loughlin@westerntrust.hscni.net Website: http://www.westerntrust.hscni.net/

Activities performed by the Organisation at the locations specified below

Departments covered by the organisation and their relevant activities

Department details	Activities undertaken	Code
Radiotherapy Physics Altnagelvin Hospital Londonderry BT47 6SB United Kingdom Local contact Andrew Reilly	Radiotherapy Physics <ul style="list-style-type: none">• Treatment Planning• Patient Specific QA• Linac QA• In-Vivo Dosimetry	A
Radiotherapy Altnagelvin Hospital Londonderry BT47 6SB United Kingdom Local contact Andrew Reilly	Radiotherapy <ul style="list-style-type: none">• Treatment Planning• Linac QA	B



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DETAIL OF ACCREDITATION

Activity	Examination / Procedure Performed	Equipment/Techniques used	Code
External Beam Radiotherapy treatment of Adults	Dosimetric calculations and evaluation for planning of radical MV photon treatments for:	Documented In house methods (PHY-TXP-QAP-001 TP) using the following:	A
	<ul style="list-style-type: none"> - Prostate - Breast - Lung - Head and Neck - Bladder - Rectum 	<ul style="list-style-type: none"> • Radiotherapy Treatment Planning System / Eclipse Treatment Planning System <ul style="list-style-type: none"> ○ VSim ○ IMRT ○ VMAT 	
	Dosimetric calculations and evaluation for planning adult Palliative MV photon treatments for all sites	Documented In house methods (PHY-TXP-QAP-001 TP) using the following:	A B
	Verification of MV photon treatment plans by:	Documented In house methods (PHY-TXP-QAP-001 TP) using the following:	A B (VSim only)
	<ul style="list-style-type: none"> - Independent Dose Verification 	<ul style="list-style-type: none"> • Independent dose calculation software <ul style="list-style-type: none"> ○ Sun Nuclear DoseCHECK ○ Sun Nuclear PerFRACTION 	
	<ul style="list-style-type: none"> - Patient Specific QA and In-vivo Dosimetry 	<ul style="list-style-type: none"> • Point Dose Measurement <ul style="list-style-type: none"> ○ Landauer nanoDots • Volumetric Measurement <ul style="list-style-type: none"> ○ Sun Nuclear ArcCHECK • EPID Based Measurements <ul style="list-style-type: none"> ○ Sun Nuclear PerFRACTION ○ Varian Portal Dosimetry 	



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Activity	Examination / Procedure Performed	Equipment/Techniques used	Code
External Beam Radiotherapy treatment of Adults (cont'd)	Commissioning, quality control and maintenance of the following: <ul style="list-style-type: none">- Linear Accelerators (Linacs)	Documented In house methods using the following: <ul style="list-style-type: none">• Varian Truebeam• Eclipse Planning System	A B (daily QC only)
END			