


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>10318</b> Accredited to BS 70000:2017	<b>Western Health and Social Care Trust</b> <b>Issue No: 004 Issue date: 05 February 2024</b>	
	<b>North West Cancer Centre</b> Altnagelvin Hospital Londonderry BT47 6SB United Kingdom	<b>Contact: Mary Costello</b> <b>Tel: +44 (0)2871 345 171 212342</b> <b>Mobile: 07825 866111</b> <b>Website: <a href="http://www.westerntrust.hscni.net/">http://www.westerntrust.hscni.net/</a></b>

Activities performed by the Organisation at the locations specified below

### Departments covered by the organisation and their relevant activities

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



10318  
Accredited to  
BS 70000 : 2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Western Health and Social Care Trust**  
**Issue No: 003    Issue date: 05 February 2024**

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

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



10318  
Accredited to  
BS 70000 : 2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Western Health and Social Care Trust**  
**Issue No: 003    Issue date: 05 February 2024**

**Testing performed by the Organisation at the locations specified**

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"><li>- Linear Accelerators (Linacs)</li></ul>	Documented In house methods using the following: <ul style="list-style-type: none"><li>• Varian Truebeam</li><li>• Eclipse Planning System</li></ul>	A B (daily QC only)
END			