


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>Accredited to BS 70000:2017</b>	<b>Hull University Teaching Hospitals NHS Trust</b> <b>Issue No: 001 Issue date: 25 October 2019</b>	
	<b>Radiation Physics Castle Hill Hospital Cottingham HU16 5JQ United Kingdom</b>	<b>Contact: Richard Whitlam Tel: +44 (0)1482 461193 E-Mail: Richard.Whitlam@hey.nhs.uk Website: <a href="https://www.hey.nhs.uk/queens/services/radiation-physics/">https://www.hey.nhs.uk/queens/services/radiation-physics/</a></b>

**Activities performed by the Organisation at the locations specified below**

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

#### Testing locations:

Location details	Activity	Location code
<b>Address</b> Radiation Physics Castle Hill Hospital Cottingham HU16 5JQ United Kingdom	<b>Local contact</b> Richard Whitlam	Treatment Planning  A
<b>Address</b> Radiotherapy Castle Hill Hospital Cottingham HU16 5JQ United Kingdom	<b>Local contact</b> Richard Whitlam	Treatment Planning (VSim, manual Orthovoltage only)  B



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Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Activity	Examination / Procedure Performed	Equipment/Techniques used	Location 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>- Breast</li> <li>- Head and Neck</li> <li>- Prostate</li> <li>- Lung</li> <li>- Oesophagus</li> <li>- Bladder</li> <li>- Pancreas</li> <li>- Brain</li> <li>- Rectum</li> <li>- Anal Canal</li> </ul>	Documented In house methods 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> <li>○ Stereotactic - SBRT (lung only)</li> </ul> </li> </ul>	A
	Dosimetric calculations and evaluation for planning adult <b>Palliative</b> MV photon treatments for all sites	<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</li> </ul>	Documented In house methods (Procedure number) using the following : <ul style="list-style-type: none"> <li>• Independent dose calculation software               <ul style="list-style-type: none"> <li>○ PTW Diamond</li> <li>○ IBA Compass</li> </ul> </li> <li>• Point Dose Measurements               <ul style="list-style-type: none"> <li>○ Ionisation chamber detector array</li> <li>○ IBA MatriXX Evolution</li> </ul> </li> <li>• Volumetric Measurement               <ul style="list-style-type: none"> <li>○ IBA Compass and Aria</li> </ul> </li> <li>• EPID Based Measurements               <ul style="list-style-type: none"> <li>○ Aria</li> </ul> </li> </ul>	A B (VSim only)

