

## The Established CTC Service Practitioner Framework - Recommendations for radiographer education, scope of practice and experience

Level of Skill Acquisition / example job title	Cumulative and ongoing experience	Scope of Practice	Education and Training
<b>1. Novice Beginner</b>  <i>Radiographer practitioner<sup>1</sup></i>	<20 CTC	<ul style="list-style-type: none"> <li>Direct supervision</li> <li>May undertake part of the CTC procedure</li> </ul>	HCPC registration / general CPD evidence In- house training, mentoring in progress Complete the E-Learning for Healthcare (ELFH) <sup>2</sup> CTC module
<b>2. Advanced Beginner</b>  <i>Radiographer Practitioner</i>	>20 CTC completed > 100 per annum to maintain skills	<ul style="list-style-type: none"> <li>Indirect supervision</li> <li>May manage the full CTC procedure</li> <li>Seek and document informed consent</li> <li>Follows a fixed protocol</li> </ul>	HCPC / CTC-related CPD  Attendance at CTC short course and/or enrol on PG credit-bearing CTC-related module
<b>3. Competent</b>  <i>Radiographer Practitioner</i>	> 100 CTC completed  > 100 per annum to maintain skills	<ul style="list-style-type: none"> <li>Autonomous radiographer practice</li> <li>Seek and document informed consent</li> <li>Undertake procedural modifications</li> <li>Undertake preliminary clinical evaluation<sup>4</sup> (first read)</li> <li>Determine need for staging or further imaging</li> <li>Audit of own CTC practice</li> </ul>	HCPC / CTC-related CPD  Attendance at CTC short course and complete PG credit-bearing CTC-related module
<b>4. Proficient</b>  <i>Advanced Clinical Practitioner<sup>3</sup></i>  <i>Advanced Radiographer Practitioner</i>	> 500 CTC completed  >100 per annum to maintain skills	<ul style="list-style-type: none"> <li>Seek and document informed consent</li> <li>Engage in CTC expert clinical practice</li> <li>Provide advice and consultancy to others in radiology and externally</li> <li>Preliminary clinical evaluation / provisional reporting<sup>4</sup></li> <li>Determine need for staging or further imaging</li> <li>Undertake CTC audit and research</li> <li>Authorisation / protocolling (IRMER Practitioner)</li> <li>Coordinating local specialist CTC training</li> <li>Assisting with policy and protocol development</li> </ul>	HCPC / CTC-related CPD  SCoR advanced practitioner accreditation <sup>5</sup>  Pg Cert related to CTC practice (performance, reporting and service development)  Working towards full Masters award
<b>5. Expert</b>  <i>Advanced Clinical Practitioner;</i>  <i>Service Lead;</i> <i>Consultant Radiographer<sup>6</sup></i>	> 750 CTC completed  > 50 per annum to maintain expert skills	<ul style="list-style-type: none"> <li>Seek and document informed consent</li> <li>Engage in CTC expert clinical practice</li> <li>Engage in provisional reporting<sup>3</sup></li> <li>Determine need for staging or further imaging</li> <li>Lead CTC department audit and research</li> <li>Authorisation / protocolling (IRMER Practitioner)</li> <li>Trainer: coordinating or providing local and/or national specialist CTC training</li> <li>Leading CTC service design and improvement</li> <li>Leading policy and protocol development and review, and ensuring compliance by all staff</li> </ul>	Full Masters award (e.g. MSc including CTC-related modules)  N.B. While the HEE ACP framework recommends a 'Masters level award' for the Advanced Clinical Practitioner <sup>7</sup> , SCoR recommend a doctoral level award for Consultant Practitioners <sup>8</sup> SCoR consultant practitioner accreditation <sup>9</sup>

The five skill acquisition levels (left hand column) follow the Benner (1984) model of skills acquisition<sup>10</sup> where the practitioner moves from protocol guided practice to intuitive and autonomous practice.

<sup>1</sup> Education and career framework for the radiography workforce: <https://www.sor.org/learning/document-library/education-and-career-framework-radiography-workforce/9-autonomous-practice-practitioners>

<sup>2</sup> E-Learning for Healthcare Image Interpretation modules: <https://www.e-lfh.org.uk/image-interpretation/>

<sup>3</sup> <https://www.sor.org/learning/document-library/education-and-career-framework-radiography-workforce/10-advanced-practitioners>

<sup>4</sup> Preliminary Clinical Evaluation and Reporting by Radiographers: Policy and Practice Guidance; SCoR, Feb 2013. <https://www.sor.org/learning/document-library/preliminary-clinical-evaluation-and-clinical-reporting-radiographers-policy-and-practice-guidance>

<sup>5</sup> <https://www.sor.org/career-progression/advanced-practitioners/advanced-practitioner-accreditation>

<sup>6</sup> <https://www.sor.org/learning/document-library/education-and-career-framework-radiography-workforce/11-consultant-practitioners>

<sup>7</sup> Health Education England ACP Framework: <https://hee.nhs.uk/our-work/advanced-clinical-practice/multi-professional-framework>

<sup>8</sup> Consultant radiographer guidance for the support of new and established roles <https://www.sor.org/learning/document-library/consultant-radiographer-guidance-support-new-and-established-roles>

<sup>9</sup> <https://www.sor.org/career-progression/consultants/consultant-practitioner-accreditation>

<sup>10</sup> Benner models of nursing theory. <http://www.nursing-theory.org/theories-and-models/from-novice-to-expert.php>