



## CanMEDS Framework Used to Inform the Radiology CPD Program



The program caters to development across a range of seven roles which encompass the competencies of the specialty. These roles are based on the CanMEDS model<sup>1</sup> which stipulate the medical expert and six non-medical expert roles as they pertain to radiodiagnosis: Team work; Communication skills; Patient support and advocacy; Professionalism; Management and administrative skills; Research and education.

The CanMEDS<sup>2</sup> roles, as adapted to diagnostic radiology in the RANZCR context, are illustrated below:

Skill Set	CPD Activities
<b>Medical Expert</b>	<ul style="list-style-type: none"> <li>Expert radiology knowledge</li> <li>Clinical decision-making skills</li> <li>Interventional expertise and judgement</li> </ul> <p><b><i>This is the default used when none of the other roles are nominated</i></b></p>
<b>Communicator</b>	<ul style="list-style-type: none"> <li>6 Publications and presentations <ul style="list-style-type: none"> <li>6.1 Articles in peer reviewed journals <ul style="list-style-type: none"> <li>6.1C Editorial/opinion/comment letter/book review/invited expert article</li> </ul> </li> <li>6.3 Presentation at international, national or state level meetings <ul style="list-style-type: none"> <li>6.3A Keynote/plenary speaker</li> <li>6.3B Paper/poster at conference</li> <li>6.3C Invited lecturer at conference</li> <li>6.3D Session chair/panel member</li> <li>6.4 Formal presentations at in-house or local meetings</li> </ul> </li> </ul> </li> </ul>
<b>Professional</b>	<ul style="list-style-type: none"> <li>1 Audit activities and quality assurance activities <ul style="list-style-type: none"> <li>1.2 Peer review of performance audit</li> </ul> </li> <li>2 Professional and clinical governance <ul style="list-style-type: none"> <li>2.1 Participation in RANZCR governance</li> <li>2.2 Participation in other clinical governance activities</li> <li>2.6 Formal evaluation of a peer's performance for medical council or medical board</li> </ul> </li> <li>4 Self-directed learning <ul style="list-style-type: none"> <li>4.2 Self-directed learning <ul style="list-style-type: none"> <li>4.3A RANZCR web-based learning</li> <li>4.3B Other web based learning</li> <li>4.3C Web-based workshops</li> </ul> </li> <li>4.4 Journal reading</li> <li>4.5 Sabbatical</li> <li>4.6 Reflective diary</li> </ul> </li> <li>7 Conferences and meetings: <ul style="list-style-type: none"> <li>7.1 RANZCR and special interest group meetings</li> <li>7.2 Imaging conferences</li> <li>7.3 In-house educational or clinical meetings</li> <li>7.4 General medical conferences</li> <li>7.5 Non-imaging medical professional courses for radiologists</li> <li>7.6 Cultural competence activities</li> <li>7.7 Practical skills workshops attendance</li> </ul> </li> </ul>

<sup>1</sup> Adapted from the CanMEDS Physician Competency Diagram with permission of the Royal College of Physicians and Surgeons of Canada copyright © 2009.

<sup>2</sup> Frank JR (2005) The CanMEDS 2005 physician competency framework. The Royal College of Physicians and Surgeons of Canada, Ottawa.

<b>Patient support and advocacy</b>	<ul style="list-style-type: none"> <li>1 Audit and quality assurance activities <ul style="list-style-type: none"> <li>1.1A Clinical audit</li> <li>1.1B Breast Screen audit</li> </ul> </li> <li>2 Professional and clinical governance <ul style="list-style-type: none"> <li>2.3 Risk management activities – patient related</li> <li>2.4C MQAP or MRI clinical image review</li> </ul> </li> </ul>
<b>Collaborator/ Team Work</b>	<ul style="list-style-type: none"> <li>1 Audit and quality assurance activities <ul style="list-style-type: none"> <li>1.1C Peer consensus audit</li> <li>1.3 Active presentation of cases with feedback</li> <li>1.4 Quality audit</li> </ul> </li> <li>5 Radiology research <ul style="list-style-type: none"> <li>5.2B Co-investigator (research project)</li> </ul> </li> </ul>
<b>Manager</b>	<ul style="list-style-type: none"> <li>2 Professional and clinical governance <ul style="list-style-type: none"> <li>2.3 Risk management activities – practice related</li> <li>2.4A Practice accreditation activities – assessor</li> <li>2.4B Practice accreditation activities – assessee</li> <li>2.5 Participation in international governance activities</li> <li>2.7 Professional practice management</li> </ul> </li> <li>7 Conferences and meetings: <ul style="list-style-type: none"> <li>7.8 Convening of meetings <ul style="list-style-type: none"> <li>Convening of RANZCR ASM <ul style="list-style-type: none"> <li>7.8A Principal scientific convenor</li> <li>7.8B Co-convenor</li> <li>7.8C Session convenor</li> <li>7.8D Small group practical instructor</li> </ul> </li> <li>Convening of other meetings <ul style="list-style-type: none"> <li>7.8E Principal scientific convenor</li> <li>7.8F Co-convenor</li> <li>7.8G Session convenor</li> <li>7.8H Small group practical instructor</li> </ul> </li> </ul> </li> </ul> </li> </ul>
<b>Researcher/ Scholar (Education)</b>	<ul style="list-style-type: none"> <li>3 Education <ul style="list-style-type: none"> <li>3.1 Teaching of trainees</li> <li>3.2 Supervision of trainees</li> <li>3.3 Supervision of research students</li> <li>3.4 Supervision of overseas trained doctors</li> <li>3.5A College examiner</li> <li>3.5B University medical student examiner</li> <li>3.5C Exam question development</li> <li>3.5D Assessment of trainees</li> </ul> </li> <li>5 Radiology Research <ul style="list-style-type: none"> <li>Editorial duties for peer reviewed journals <ul style="list-style-type: none"> <li>5.1A Reviewer</li> <li>5.1B Member of Editorial Board</li> <li>5.1C Editor of Journal</li> </ul> </li> <li>5.2 Research investigator <ul style="list-style-type: none"> <li>5.2A Principal investigator</li> <li>5.2B Co-investigator</li> <li>5.2C Participation</li> </ul> </li> <li>5.3 Sabbatical by research</li> </ul> </li> <li>6 Publications and presentations <ul style="list-style-type: none"> <li>6.1 Articles in peer reviewed journals <ul style="list-style-type: none"> <li>6.1A First author</li> <li>6.1B Second or later author</li> </ul> </li> <li>6.2 Books and chapters <ul style="list-style-type: none"> <li>6.2A First author of book</li> <li>6.2B Second or later author of book</li> <li>6.2C First author of chapter</li> <li>6.2D Second or later author of book</li> <li>6.2E Editor of book</li> </ul> </li> </ul> </li> <li>4 Self-directed learning <ul style="list-style-type: none"> <li>4.1 Formal post graduate study</li> </ul> </li> </ul>