

Entrustable Professional Activities (EPAs)

List of EPAs for Radiation Oncology

EPA Title	EPA Entrustment Level to be Attained by Exit
EPA 1: Conducting first visit consultations	Level 4
EPA 2: Approving radiotherapy plans	Level 4
EPA 3: Managing treatment toxicity and response during radiotherapy	Level 4
EPA 4: Conducting follow-up clinics for surveillance post-radiotherapy	Level 4

Entrustment Scale

Entrustment Level	Description
Level 1	Not allowed to practice EPA
Level 2	Allowed to practise EPA only under proactive, full supervision
Level 3	Allowed to practise EPA only under reactive/on-demand supervision
Level 4	Allowed to practise EPA unsupervised
Level 5	Allowed to supervise others in the practice of EPA

Radiation Oncology EPA 1

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Title	Conducting first visit consultations
Specification and limitations	<u>Components of this EPA:</u> This EPA assesses residents based on General Oncology knowledge and competencies required for conducting a first visit consultation. 1. Evaluating patients' problems (review history and physical examination). 2. Interpreting laboratory and radiological results. 3. Assessing suitability for radiotherapy and goals of any treatment offered, including reasonable alternatives to radiotherapy. 4. Determining optimal radiotherapy technique and dose. 5. Communicating radiotherapy treatment plan, conduct and toxicities to patient (and next of kin). 6. Assessing patient for mental capacity and obtaining valid informed consent. 7. Coordinating and communicating care plans with radiation oncology staff (via CT sim form) and other disciplines (e.g. medical, surgical oncology). <u>Limitations:</u> Complex and in-depth sub-specialty related medical conditions requiring senior specialist and multidisciplinary input are excluded.
EPA Entrustment Level to be Attained by Exit	Level 4

Radiation Oncology EPA 2

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Title	Approving radiotherapy plans
Specification and limitations	<u>Components of this EPA:</u> 1. Determining optimal setup and immobilisation for simulation. 2. Appropriately requesting imaging co-registration/fusion. 3. Identifying and contouring gross tumour volume (GTV) based on imaging and clinical findings. 4. Identifying the appropriate clinical target volume. 5. Generating a planning target volume (PTV) with an appropriate margin. 6. Contouring appropriate organs at risk (OARs). 7. Evaluating a radiotherapy plan appropriately. <u>Limitations:</u> Does not apply to radiotherapy plans without CT simulation e.g. clinical markup.
EPA Entrustment Level to be Attained by Exit	Level 4

Radiation Oncology EPA 3

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Title	Managing treatment toxicity and response during radiotherapy
Specification and limitations	<u>Components of this EPA:</u> 1. This EPA focuses on the care of the patients throughout the course of radiotherapy, including technical issues that may arise during therapy. 2. This includes identifying and managing acute radiation toxicities, urgent or emergent issues during therapy, complications from other modalities (chemotherapy, surgery), psychosocial and supportive care issues. 3. Evaluating digital reconstructed radiographs, online imaging to assess accuracy of patient set up and verify a treatment plan and recommends adjustments if required. 4. Communicating and interacting with other members of the interprofessional radiotherapy team. <u>Limitations:</u> Nil
EPA Entrustment Level to be Attained by Exit	Level 4

Radiation Oncology EPA 4

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Title	Conducting follow-up clinics for surveillance post-radiotherapy
Specification and limitations	<u>Components of this EPA:</u> This EPA focuses on follow up patients post radiotherapy in outpatient setting. This includes the following: 1. Managing long-term toxicities of radiotherapy and oncology treatment, addressing long term complications of treatments and disease. 2. Identifying and managing recurrence. 3. Developing a clear follow up plan. 5. Communicating with patient and family on recurrence (break bad news). 6. Communicating with other healthcare providers. <u>Limitations:</u> Complex and in-depth sub-specialty related medical conditions requiring senior specialist and multidisciplinary input are excluded.
EPA Entrustment Level to be Attained by Exit	Level 4