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**MINIMUM CRITERIA FOR  
REGISTERING AS A RADIATION ONCOLOGIST  
IN THE MALAYSIAN NATIONAL SPECIALIST REGISTER**

**Definition of a Radiation Oncologist**

A Radiation Oncologist is a specialist trained in the science and practice of Radiation Oncology.

Radiation oncologists work as an integral part of multi-disciplinary teams to provide multi-modality care to patients with cancer.

**Eligibility For Registration****1. Basic Medical Degree**

- 1.1 Has a basic medical degree recognized by the Malaysian Medical Council (MMC).
- 1.2 Is fully registered as a medical doctor with the MMC

**2. Post-Graduate Specialist Qualifications**

- 2.1 List of recognized qualification:
  - Fellow of the Royal Australian and New Zealand College of Radiologists (FRANZCR)
  - Any other equivalent as recommended by the National Specialist Committee for Clinical Oncology on a case to case basis.

**3. Clinical Experience**

- 3.1 The period of training shall be a minimum of 4 years:

**4. Postings**

- 4.1 Training in Radiation Oncology must be held in a centre recognised by the National Specialist Committee for Clinical Oncology.

**5. Specialist Training Syllabus**

Specialist training is to consist of

- 5.1 Basic Medical Sciences relevant to Radiation Oncology.  
Includes :
  - Radiation Oncology Physics,
  - Radiation and Cancer Biology,
  - Anatomy and Pathology
- 5.2 Structured training in the clinical Management of Cancers and Specific Individual Sites.
  - The training emphasises on the multidisciplinary approach to the management of the cancer patient. This involves selection of

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appropriate treatment, patient immobilization, treatment planning, dosimetry and the daily care of the patient undergoing radiotherapy.

- Training should include on-call commitments and management of oncological emergencies.

### 5.3 Core radiotherapy procedural skills

Includes :

- Competency in interpreting radiological imaging, simulation and localization procedures in radiation treatment planning, dosimetry and computer planning, treatment set up of patient, radiation prescription, treatment and monitoring of response and toxicity.
- Quality Assurance, commissioning and radiation protection,
- Brachytherapy and the use of sealed and unsealed sources of radiation,
- The principles of systemic therapy use and toxicity especially when systemic therapy is part of the management of the cancer patient. especially administration of drugs and medicines related to radiation oncology.
- Cancer supportive and palliative care procedures.

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### **Post-Qualification Training and gazettement**

- 6.1 Post-qualification training shall be for a period of not less than 6 months. Government doctors must be gazetted. Equivalent rules will be applicable to university medical lecturers

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Any application that does not conform to the above requirement shall be reviewed on a case to case basis by the National Specialist Committee for Clinical Oncology.

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