

**HEALTH PROFESSIONS COUNCIL OF SOUTH AFRICA  
MEDICAL AND DENTAL PROFESSIONS BOARD  
COMMITTEE FOR MEDICAL SCIENCE**

**APPLICATION FOR ACCREDITATION TO TRAIN INTERN MEDICAL  
PHYSICISTS**

Kindly submit the following documentation when applying for accreditation of training facilities for Medical Physicists:

1. Intern Training Programme
2. CVs of the individuals who will be doing the training, demonstrating their qualifications and experience to perform the training (no longer than 4 pages per person).
3. A description of the training facilities together with a list of relevant equipment to perform the training.
4. A self assessment form (complete the form below)

**SELF ASSESSMENT FORM**

<b>1. PARTICULARS OF TRAINING FACILITY / AFFILIATION</b>
University / Private Institution:
Head of facility:
Address:
E-mail:
Telephone: <span style="float: right;">Fax:</span>

<b>2. PARTICULARS OF TRAINING FACILITY</b>	
Training Division/Facility/Hospital:	
Coordinator of Training Programme:	
Address:	
E-mail:	
Telephone:	Fax:

<b>3. DISCIPLINE FOR WHICH APPLICATION IS MADE</b>
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Medical Physicists

<b>4. INTERN TRAINING:</b>
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**4.1 CRITERIA FOR ACCEPTING INTERNS FOR TRAINING**

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**4.2 PROGRAMME:**

List the different elements of the programme and the duration of each

a. ....

b. ....

c. ....

d. ....

e. ....

f. ....

**4.3 FORMAL ASSESSMENT OF COMPETENCE**

Yes

No

**4.4 LIST DIFFERENT METHODS OF ASSESSMENT**

a.....

b.....

c. ....

d. ....

**5. STAFF**

**5.1 Staff responsible for intern training:**

Title & Name	Highest Academic Qualification	HPCSA Registration	Training capacity: Full-time/ Part-time	CV provided (Yes or No)

**5.2 PROJECTS FOR INTERN TRAINING:**

Are interns involved in suitable research projects? .....

How is their contribution assessed? .....

**6. FACILITIES FOR INTERN TRAINING:**

**Are the following facilities available?**

**LIBRARY**

- Access to relevant literature      Yes       No
- Access to online literature      Yes       No

**COMPUTER FACILITIES**

- Internet      Yes       No
- Programs for Word processing      Yes       No
- Construction and maintenance of databases      Yes       No

## LABORATORIES

- OECD, GLP or GCP standards or ISO standards for laboratories Yes  No
  - SANAS Yes  No
  - Suitable equipment Yes  No
- LECTURING FACILITIES** Yes  No

## RADIOLOGY

- Computerised tomography Yes  No
- Ultrasound system Yes  No
- Doppler ultrasound techniques Yes  No
- Quality assurance and Exposure measuring equipment Yes  No
- X-ray unit
  - ♦ General Yes  No
  - ♦ Mobile Yes  No
  - ♦ Fluoroscopy Yes  No
  - ♦ Mammography Yes  No

## RADIOTHERAPY

### Teletherapy unit

- Linear accelerator (photon and electron beams) Yes  No
- Cobalt units Yes  No
- X-ray unit (<300 kV) Yes  No

### Brachytherapy

- Sealed sources Yes  No
- Remotely control afterloading Yes  No
- Unsealed radionuclides Yes  No

**Dosimetry**

- Calibrated measuring devices for external beams and brachytherapy Yes  No
- Thermoluminescence dosimetry system Yes  No
- Radiation survey monitor Yes  No

**Treatment planning**

- Computerised planning system Yes  No

**NUCLEAR MEDICINE**

- Licensed laboratory Yes  No
- Scintillation camera with digital imaging and data processing Yes  No
- Scintillation counter system with multi channel analyser for *in vivo* and *in vitro* radioactivity assessment Yes  No
- Calibrated measuring devices for the determination of radioactivity administered to patients for diagnoses and therapy Yes  No
- Geiger-Müller type contamination monitor and calibrated ionization chamber survey monitor Yes  No

**RADIATION PROTECTION PROGRAMME**

- Is a radiation protection programme followed in the hospital Yes  No
- Are the medical physicist responsible for radiation protection Yes  No

Comments: .....

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**7. INTERN MEDICAL PHYSICISTS**

Number of intern posts

Number of filled intern posts

Ratio (intern to full time equivalent training staff)

Comments: .....

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