



## SAUDI FELLOWSHIP TRAINING PROGRAM

### NUCLEAR MEDICINE

#### Promotion Examination

##### Written Examination Format:

- A written examination shall consist of one paper with not less than 25 SAQ (Short Answer Questions). The exam duration is 150 minutes. Up to 10% of unscored items can be added for pretesting purposes.
- The examination shall contain type K2 questions (interpretation, analysis, reasoning, and decision-making) and type K1 questions (recall and comprehension).
- The examination shall include basic concepts and clinical topics relevant to the specialty.
- Clinical presentation questions include history, clinical findings, and patient approach. Diagnosis and investigation questions; include the possible diagnosis and diagnostic methods. Management questions; including treatment and clinical management, either therapeutic or nontherapeutic, and complications of management. Materials and Instruments questions; including material properties, usage, and selection of instruments and equipment used. Health maintenance questions; include health promotion, disease prevention, risk factors assessment, and prognosis.





### Passing Score:

The trainee's performance is assessed in each of the evaluation formulas according to the following scoring system:

Score	Less than 50%	50% – 59.4%	60% - 69.4%	More than 70%
Description	Clear Fail	Borderline Fail	Borderline Pass	Clear Pass

1. To upgrade the trainee from a training level to the next level, she/he must obtain at least a **Borderline Pass** in each evaluation form.
2. The program director may recommend to the local supervision committee to request the promotion of the trainee who did not meet the previous promotion requirement according to the following:
  - A. In case the trainee gets a **Borderline Fail** result in one of the evaluation forms, the remaining evaluation forms must be passed with **Clear Pass** in at least one of them.
  - B. In case the trainee gets a **Borderline Fail** result in two of the evaluation forms to a maximum, provided they do not fall under the same theme (Knowledge, Attitude, Skills). The remaining evaluation forms must be passed with **Clear Pass** in at least two of them.
  - C. The promotion must be approved in this case by the scientific council for the specialization.





### Blueprint Outlines:

No.	Sections	%
1	Musculoskeletal	17%
2	Cardiac Pulmonary	18%
3	Endocrine/Therapy	20%
4	GI/GU	10%
5	Neurology	5%
6	Oncology	20%
7	Applied Basics	5%
8	Non-imaging/BMD	5%
Total		100%

### Notes:

- Blueprint distributions of the examination may differ up to +/-5% in each category.
- Percentages and content are subject to change at any time. See the SCFHS website for the most up-to-date information.
- Research, Ethics, Professionalism, and Patient Safety are incorporated within various domains.





### **Suggested References:**

1. Nuclear Medicine: The Requisites, Ziessman, Harvey.
2. Essentials of Nuclear Medicine Imaging, Mettler.
3. Nuclear Medicine, Bennet.
4. Orthopedic Nuclear Medicine, Elgazzar, Abdelhamid.
5. Clinical Nuclear Cardiology, Zaret.
6. Principles and Practice of PET and PET/CT, Richard Wahl.
7. Nuclear Medicine Board Review: Questions and Answers for Self-Assessment, Godlfarb.
8. Essentials of Nuclear Medicine Physics and Instrumentation, Powsner
9. Radiopharmaceuticals in Nuclear Pharmacy and Nuclear Medicine, Richard Kowalsky.
10. Radiobiology for the Radiologist, Hall.

### **Crash Courses:**

- Outline of each course including suggested reading references given by the provider.

### **Note:**

This list is intended for use as a study aid only. SCFHS does not intend the list to imply endorsement of these specific references, nor are the exam questions necessarily taken solely from these sources.

