



## SAUDI FELLOWSHIP TRAINING PROGRAM

### CARDIOLOGY

#### Promotion Examination

##### Written Examination Format:

- A written examination shall consist of one paper with not less than 100 MCQs with a single best answer (one correct answer out of four options). Up to 10% 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 finding 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 that 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 that 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.   | Section                                    | Percentage |
|-------|--|------------|
| 1     | Hypertension                               | 5%         |
| 2     | Coronary Artery Disease                    | 30%        |
| 3     | Aortic Disease                             | 5%         |
| 4     | Cardiomyopathies/ Heart Failure/ Pregnancy | 15%        |
| 5     | Cardiac Arrhythmia                         | 10%        |
| 6     | Valvular Diseases                          | 20%        |
| 7     | Adult Congenital Heart Diseases ACHD       | 5%         |
| 8     | Cardiac Pharmacology                       | 5%         |
| 9     | Pericardial/Systemic diseases              | 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. Heart Disease- A textbook of cardiovascular medicine By Braunwald, Zipes and Libby.
2. Cardiology By M. Crawford, J. DiMarco and W. Paulus.
3. Textbook of Interventional Cardiology By Topol.
4. Textbook of Clinical Echocardiography By C. Otto.
5. Feigenbaum's Echocardiography.
6. The Echo Manual By J. Oh.
7. ASE's Comprehensive Echocardiography.
8. Hemodynamic Rounds By Kern.
9. The Art and Science of bedside diagnosis By Sapira.
10. Interventional Cardiology By Singer.
11. Mayo Clinic Cardiovascular Board Review By J. Murphy and M. Lloyd.
12. Professionalism and Ethics, Handbook for Residents, Practical guide, Prof. James Ware, Dr. Abdulaziz Fahad Alkaabba, Dr. Ghaiath MA Hussein, Prof. Omar Hasan Kasule, SCFHS, Latest Edition.
13. Essentials of Patient Safety, SCHS, Latest Edition.

### **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.

