



SAUDI FELLOWSHIP TRAINING PROGRAM

CARDIAC CRITICAL CARE

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% 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	Percentage
1	Cardiac physiology	10%
2	Hemodynamics Cardiovascular monitoring	10%
3	Circulatory support, including ECMO, IABP, Impella and VADs	5%
4	Pulmonary disease and mechanical ventilation	5%
5	Cardiac surgery and postoperative care	10%
6	Cardiac electrophysiological disorders	5%
7	Heart failure, cardiogenic shock and cardiomyopathies	10%
8	Coronary artery disorders	5%
9	Pulmonary hypertension, RV failure and pulmonary embolism	10%
10	Cardiovascular pharmacology	5%
11	Hypertensive emergencies and vascular disorders	5%
12	Valvular heart diseases	5%
13	Cardiac imaging	5%
14	Cardiorenal syndrome and renal replacement therapy	5%
15	Heart transplant, congenital heart disorders and pericardial disorders	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. Cardiac Intensive Care 3rd Edition by David L. Brown MD
2. AHA Scientific Statement: Prevention of complications in the Cardiac Intensive Care Unit
3. Assessment and management of cardiovascular disease in the intensive care unit

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.

