



SAUDI DIPLOMA TRAINING PROGRAM

Cardiac Nursing

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).
- 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 non-therapeutic, 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 for Promotion Exam:

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.	<u>Trainees Year 1</u>	Section	Proportion%
1		Foundational Human Anatomy and Physiology of the Cardiac System	10%
2		Health Promotion, Prevention, and Rehabilitation	10%
3		Fundamentals of Cardiac Pathophysiology	25%
4		Cardiac Nursing: Assessment, Planning, and Managing Care	25%
5		Cardiovascular Pharmacology	15%
6		Ethics in Nursing and Dimensions of Care	5%
7		Epidemiology	5%
8		Biostatistics	5%
Total			100%

Note:

- Blueprint distributions of the examination may differ up to +/-3% in each category.
- Percentages and content are subject to change at any time. See the SCFHS website for the most up-to-date information.



Suggested References:

- Jacobson, C., Marzlin, K., & Webner, C., 2014. *Cardiovascular nursing practice: A comprehensive resource manual and study guide for clinical nurses* (2nd ed.). Buriem: CNEA.
- **Elliott D, Aitken L, & Chaboyer W, 2012.: ACCCNs Critical Care Nursing(2nd ed. Mosby.**
- Urden. L. D., Stacy, K. M., & Lough, M. E., 2013. *Thelan's critical care nursing: Diagnosis and management* (7th ed.). St. Louis: Elsevier.
- Gordis, L. (2014). *Epidemiology*. New York: W.B. Saunders Co.
- Polit, D. (2010). *Statistics and Data Analysis for nursing Research*. New York: Prentice Hall.
- The Saudi Commission for Health Specialties. (2014). Department of Medical Education & Postgraduate Studies . Code of Ethics for Healthcare Practitioners.
- The Saudi Commission for Health Specialties. (2018). General Regulation of professional classification and registration.
- Susan L. Woods , Erika S. Sivarajan Froelicher, Sandra Underhill Motzer & Elizabeth J Briges(2010) *Cardiac Nursing* (sixth Edition).
- Al-Shahri, Z. (2002). Culturally Sensitive Caring for Saudi Patients. *Journal of Transcultural Nursing*
- Kate Olson, *The essential Guide to caring for patient with Cardiovascular problems Oxford Handbook of Cardiac Nursing* (2014). Oxford University Press, 2nd ed.
- Moon, J. & Kim, J. (2015). Ethics in the Intensive Care Unit. *Journal of Tuberc Respir Dis*
- Hannah, K. J., Hussey, P& , Kennedy, M. A .(2014;2015) .*Introduction to nursing informatics*(Fourth;4th 2015; ed.). London: Springer Verlag. doi:10.1007/978-1-4471-2999-8Glanz et al., (2008). Health behavior and health education: Theory, research and Practice. *John Wiley & Sons, Inc*
- Plichta, S. B., & Garzon, L. S. (2009). *Statistics for Nursing and Allied Health: Wolters Kluwer/Lippincott Williams & Wilkins Health.*



- Morton PG, Fontaine DK. critical care nursing: a holistic approach. 2013,10th edi. Philadelphia. Lippincott Williams & Wilkins, Chapter 19-22
- Jones S, ECG Notes. Interpretation and management. 2005. Philadelphia. Davis, available at :\\sbcc.nas
- Betty BG. Basic ECG. 2016. New York. Springer. Available at: \\sbcc.nas Marquis & Huston (2015). Leadership roles and management functions in nursing: Theory and application eight edition
- Hardin, S, R., & Kaplow, R., 2010. Cardiac surgery essentials for critical care nursing. St. Louis: Elsevier.
Cardiac transplantation URL (mayoclinic website utilized due to scarcity of information in textbooks):
<https://www.mayoclinic.org/tests-procedures/heart-transplant/about/pac-20384750>

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.

Example Questions

EXAMPLE OF K1 QUESTIONS

Question 1

What are the ECG changes for lateral wall myocardial infarction?

- A. Q waves in leads V1-2
- B. T-wave inversion in V4-6, I, and aVL
- C. ST-segment elevation in leads II, III, and aVF
- D. ST-segment elevation in leads I, aVL, and V5-V6

EXAMPLE OF K2 QUESTIONS

Question 1



What does the rhythm show in this ECG rhythm (see image)?

- A. Atrial flutter
- B. Atrial fibrillation
- C. Sinus tachycardia
- D. Ventricular tachycardia