

## SAUDI BOARD RESIDENCY TRAINING PROGRAM

### General Surgery

#### 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.	<b>R1 to R4</b> Section	Proportion%
1	Ethics/Research/Professionalism/Patient Safety	8%
2	Fluid and electrolytes, Shock, Haemostasis	15%
3	Gastrointestinal Bleeding and Acute Abdomen	9%
4	Hepatobiliary	12%
5	Hernias, Abdominal Wall and Soft Tissue Tumours	3%
6	Nutrition/TPN	3%
7	Pre-operative assessment, Anaesthesia and pain management	6%
8	Surgical Complication	7%
9	Surgical Infection and Antibiotics	5%
10	Surgical management of Obesity	3%
11	Surgical Oncology/Transplant	2%
12	The breast and Endocrine	8%
13	Trauma and Critical Care	5%
14	Upper GIT and Lower GIT	14%
<b>Total</b>		<b>100%</b>

#### Note:

- Blueprint distribution of the examination may differ up to  $\pm 3\%$  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:**

1. Sabiston Textbook of Surgery, 20<sup>th</sup> Edition, 2016. Courtney Townsend et al.
2. Schwartz's Principles of Surgery, Tenth Edition, 2014. F. Charles Brunnicardi et al.
3. Current Surgical Therapy, 12<sup>th</sup> Edition, 2017, John L. Cameron and Andrew M Cameron.
4. Greenfield's Surgery Scientific Principles & Practice, Fifth Edition, 2011. Michael W. Mulholland et al.
5. Fischer's Mastery of Surgery, Sixth Edition. 2011, Josef E. Fischer.
6. 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.
7. 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.

### **Example Questions**

#### **EXAMPLE OF K1 QUESTIONS**

##### **Question 1**



A 50 year-old patient developed a large neck swelling associated with stridor and shortness of breath, four hours after total thyroidectomy.

Blood pressure 165/90 mmHg  
Heart rate 130 /min  
Respiratory rate 24 /min  
Temperature 37.0<sup>o</sup> C

Which of the following is the most appropriate next step in management?

- A. Tracheostomy
- B. Close observation
- C. Percutaneous drainage
- D. Bedside wound exploration

### Question 1



A 68 year-old man presented with sudden onset of severe lower abdominal pain and vomiting. The patient has not passed a stool for the last 24 hours. On examination the abdomen is markedly distended and tympanic on percussion (see image).

Blood pressure      150/85 mmHg  
Heart rate            120 /min  
Respiratory rate    20 /min  
Temperature        37.4° C

Which of the following is the most appropriate treatment?

- A. Prokinetic therapy
- B. Gastrografin enema
- C. Emergency laparotomy
- D. Rectal tube decompression