

POSTGRADUATE INSTITUTE OF MEDICINE
UNIVERSITY OF COLOMBO

MD (SURGERY) EXAMINATION – OCTOBER 2022

Date: 18th October 2022

Time: 9.30 a.m. – 11.30 a.m.

Answer all four (04) questions.

Answer each question in a separate book.

1. An 8-year-old boy sustains a scald involving the lower half of face, front of the neck, the anterior upper chest and the external genitalia while undergoing steam inhalation. He presents at the A & E within one hour since the injury.
 - 1.1. What are the salient points in the history that will be crucial for his initial management? (20%)
 - 1.2. What steps would you take to assess the extent and depth of the scald? (25%)
 - 1.3. List the indications for hospital admission of this child. (25%)
 - 1.4. Outline the surgical and early post-surgical management options (excluding rehabilitation). (30%)

2. A 43-year-old female undergoes a laparoscopic cholecystectomy for symptomatic gall stone disease. On the second post-operative day she complains of nausea, abdominal pain and distension. On examination she has a slight tinge of jaundice, absent pallor and a fever spike of 38^oC.

Her respiratory rate is 22 per minute with a saturation of 96% on room air, and pulse rate is 112 with blood pressure of 130/80 mmHg. Abdominal examination revealed a tender abdomen with localized guarding in the upper abdomen. Bowel sounds are sluggish.

 - 2.1. List the possibilities that explain the above clinical situation. (20%)
 - 2.2. Write down the investigations that you would carry out and explain how each investigation is going to help you to arrive at a diagnosis. (40%)
 - 2.3. Briefly outline how you would manage this patient. (40%)

3. A 66-year-old diabetic man admitted with 05 days history of fever and right loin pain. He doesn't have any urinary symptoms. He is febrile and ill. His right hip is semiflexed and hip extension causes severe pain. A contrast CT scan showed a chronically inflamed small right kidney with a 2 cm stone inside the renal pelvis. A thick fluid collection was noticed in front of right ilio- psoas muscle.
- 3.1. Describe the aetiopathogenesis of this condition (30%)
- 3.2. What are the surgical principles in managing this patient? (40%)
- 3.3. After a successful treatment, he was discharged and reviewed in the clinic with a Tc 99 DTPA scan. It showed a 15% differential function of his right kidney. What are the options that should be discussed with the patient regarding his problem in the right kidney? (30%)
4. Write notes on
- 4.1. Carpal Tunnel Syndrome. (50%)
- 4.2. Acute Anterior Shoulder Dislocation. (50%)