The Hong Kong College of Anaesthesiologists

Final Fellowship Examination in Pain Medicine

Written Examination

Paper Two (Optional Questions)

20 May 2023 (Saturday)

11:00 – 12:30 hrs

Instructions:

I. This Question Paper carriers a total of nine short answer questions.

II. Please answer **SIX** questions and they carry equal marks.

III. Please write your answer for each question in one answer book.

IV. Record your candidate number and question number on each answer book.

V. Use ink or ball-point pen.

Optional Questions (choose 6 out of 9 questions)

1. Compare and contrast clinical pharmacology of medical cannabis and morphine in the context of pain management.

2. Discuss the use of intravenous magnesium in pain medicine.

3. A middle-aged man had intrathecal morphine pump inserted 2 years ago. His lumber pain has been under control using this drug delivery device until recently. Please describe your approach to manage his worsening back pain.

4. Outline the factors that affect the quality of platelet-rich plasma.

5. What are the definitions of nausea and vomiting? List the causes and corresponding treatment of nausea and vomiting in palliative care patients.

6. Discuss the role of neurophysiological tests in diagnosis of neuropathic pain.

7. Mr. Chan is a 40-year-old driver who had sustained severe cervical spinal cord injury at C7 level 2 months ago. He had completed cervical fixation surgery. He complained of persistent pain over the trunk and limbs, so consulted the pain team for advice.
    a) Explain the pathophysiology of neuropathic pain in spinal cord injury. (50%)
    b) How would you assess Mr Chan's pain condition? (50%)

8. Define Chronic Primary Musculoskeletal Pain. Outline its symptoms and non-pharmacological treatments.

9. Briefly outline the possible pathophysiological and psychosocial causes of Orofacial Pain, according to the 2020 Classifications by International Headache Society . (70%)
    What are important questions in history to ask to guide the diagnosis (30%)

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