



**The Hong Kong College of Anaesthesiologists
Final Fellowship Examination in Pain Medicine**

Written Examination

Paper Two (Optional Questions)

9 June 2017 (Friday)

11:00 – 12:30 hrs

Instructions:

- I. This Question Paper carries 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 the appropriate “Pre-labelled” 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. Discuss the emergence of ‘Third Wave’ psychology approaches such as Acceptance Commitment Therapy (ACT) and Mindfulness Based Cognitive Therapy (MBCT) in pain management.
2. Discuss rational migraine prophylaxis, including indications for prophylactic treatments and brief outlines of the pharmacology of medications discussed.
3. Outline the mechanism of action of spinal cord stimulation and its application in the management of chronic pain.
4. Give an account on the endocannabinoid system and the potential mechanism of cannabinoid in pain management.
5. Critically appraise the DSM-V criteria for Opioid Use Disorder in relation to the diagnosis of “addiction” in chronic pain patients treated with opioids.
6. A middle age man has low back pain for some years. Imaging reveals no abnormality. His pain is poorly controlled with oral medications. Strong opioids are offered but he refuses in view of possible addiction. He wants to try acupuncture. What is your advice?
7. You are a pain consultant in a hospital. You are invited by the multidisciplinary pain clinic staff to deliver a presentation with regards of optimization of effectiveness of epidural steroid injection in low back pain in an evidence based approach. Briefly outline your discussion.
8. A 60-year old lady with BMI 35 complains of ant-crawling pain in bilateral legs for a couple of months. Briefly discuss diabetic neuropathy in terms of diagnosis and management, with emphasis on evidenced based pharmacological approach.
9. A 45-year old man with biopsy proven glioblastoma multiforme has multiple tumours, including one located in the left basal ganglion region. He has right hemiplegia. He complains of pain over the right side of his body. You are consulted to manage his pain.
 1. How would you assess this patient?
 2. Outline your treatment plan for this patient.

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