



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

Written Examination

Paper Two (Optional Questions)

1 June 2022 (Wednesday)

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 role of pharmacogenomics in improving pain management. What are the barriers to implement pharmacogenomics in clinical practice?
2. Define malingering. Briefly discuss on the incidence and diagnostic issues of malingering in chronic pain subjects.
3. A 40-year-old wheel-chair bound lady with history of multiple sclerosis and depression was referred for pain optimization by the neurologist. She complains of severe pain and spasm in bilateral legs. She is on oral medications including ocrelizumab, sertraline, gabapentin and baclofen. She is worried that her daughter may inherit her multiple sclerosis.
 - a) What are the risk factors associated with multiple sclerosis?
 - b) Please outline your biopsychosocial model in managing her pain.
4. In a hospital COVID-19 forum, you are being consulted on drug interactions of oral Anti-COVID-19 antiviral agents with analgesic drugs. Name the oral antiviral agents with significant drug interactions. Give examples on the interactions with respect to analgesic agents.
5. A patient was referred to the Pain Clinic by the dentist for chronic unilateral facial pain over the lower jaw. One tooth has been extracted by the dentist but pain persists. While taking the pain history, the patient informs you that a clicking sound is heard while eating. Please describe your clinical examination of this patient to arrive at the diagnosis.

- 6. An elderly frail female patient with pancreatic cancer is suffering from significant weight loss and pain. Although your drug treatment is helping her abdominal pain, she would like to seek your advice regarding herbal medicine. Please outline your approach.**

- 7. List out and explain the barriers to early diagnosis of fibromyalgia.**

- 8. Outline the causes of pregnancy-related low back pain. List the suggestions to relieve the low back pain.**

- 9. List with examples how do non-pharmacological treatments help in osteoarthritis (OA) knee pain.**

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