



# The Hong Kong College of Anaesthesiologists

## Diploma in Pain Management Examination

### Paper Two (Scenarios)

26 October 2012 (Friday)

11:00 – 12:00

#### Instructions:

- I. There are TWO clinical scenarios; each scenario has three related short questions.
- II. Please **answer ALL** questions
- III. Please write your answer for each scenario in appropriately labelled answer books.
- IV. Record your candidate number and question number on each answer book.

#### Scenario A

A 23-year-old woman presents to the Pain Clinic with a 2-year history of constant left-sided orofacial pain and daily headache. The pain is described as burning and stabbing. The headache is like a tight band around her head. Her past history includes bilateral third molar extraction performed 1 year prior to the onset of the pain and recurrent ear infections and tonsillitis as a child requiring insertion of ventilating tubes on three occasions and adenotonsillectomy. There is a family history of migraine. Current medications include ibuprofen 400mg three times a day and Panadeine Forte up to 6 tablets a day.

1. What are the major somatosensory pathways from face and mouth and possible pathogenesis of orofacial pain?
2. Outline your differential diagnosis, indicating the key clinical features of each.
3. Comment on her current treatment regimen and indicate what changes you would make giving reasons why.

#### Scenario B

A 25-year-old healthy male who underwent a laparoscopic right inguinal hernia repair 4 years ago complains of persistent sharp, burning pain in the right groin area, base of the scrotum that shoots down his right testis. He was diagnosed with chronic post-surgical pain.

1. What is chronic post-surgical pain (CPSP)? What is the estimated incidence and what are the risk factors for its development?

He underwent multiple ilioinguinal nerve blocks with only temporary pain relief for a few hours. The patient then had right groin exploration with ilioinguinal nerve resection but was unsuccessful to relieve the pain.

2. What other nerve could be injured in laparoscopic herniorrhaphy? How do you make a diagnosis of neuropathic pain in this patient?
3. What are the treatment options?

**\*\*\*End\*\*\***