



# The Hong Kong College of Anaesthesiologists

## Diploma in Pain Management Examination

### Paper Two (Scenarios)

**18 October 2013 (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 70 year old lady has poorly controlled burning pain in the perineum with urinary incontinence. She has recurrent squamous cell carcinoma of the vulva which had been treated with local excision and inguinal lymph node dissection 18 months ago. An examination under anaesthetic and operation to insert a suprapubic catheter is scheduled.**

**Current medication: paracetamol 1g QDS, Morphine SR 60mg BD, pregabalin 150mg BD  
Blood results: Na 143, K 4.5, urea 9.1, creatinine 88, GFR 55, adjusted Ca 2.9**

1. Comment on the blood calcium level and outline the management and pharmacology of the drugs which may be used to treat her hypercalcaemia.
2. How would you plan her perioperative pain management?
3. Post-operatively her GFR drops to 23. What changes would you make to her analgesic regime and why?

#### Scenario B

**A 75 year old Chinese lady presents with insidious onset of chest pain over the past few weeks, which is worse at night, on exertion and coughing. She has recent weight loss of 5kg over the past 1 month and is associated with poor appetite and some shortness of breath.**

4. What are the differential diagnoses? How would you assess her?
5. She was diagnosed to have right hard indurated non-mobile 5cm breast mass with multiple osteolytic rib lesions on CXR. What are the possible causes of her chest pain and the related pathophysiology?
6. How do you manage her metastatic bone disease and pain?

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