

## MEDICAL QUIZ

(*Birdem Med J* 2012; 2(2): 131)

### Medical Quiz : SBA

#### 1. Questions (www.medicined.co.uk)

1. Following a routine blood and biochemical screen a 55-year-old woman was found to have isolated hypercalcaemia of 3.10mmol/l (2.1–2.5). She had no symptoms. Further investigation showed raised parathormone (PTH) but no evidence of a multiple endocrine neoplasia syndrome (MEN1 or MEN2). A diagnosis of primary hyperparathyroidism (PHPT) was made. Regarding her further management the indication for SURGICAL treatment would be:
- a 24 hour urinary calcium excretion > 400mg
  - the risk of an underlying parathyroid carcinoma
  - the high risk of bone fracture if managed conservatively
  - her age, making it very likely that the disease will progress over the coming years
  - the low risks of surgery failing to correct the condition or cause permanent hypoparathyroidism

#### 2. Regarding infective endocarditis (IE) it is TRUE that:

- a peripheral clinical manifestation (Janeway lesion, Osler node or splinter haemorrhage) is found in the majority of cases
- three sets of blood cultures from different sites are recommended to be taken in the first 2 hours before initiating treatment in suspected cases
- streptococci are currently the leading cause
- after removal of an infected pacing system antibiotic treatment of a known sensitive organism can be discontinued after 4 weeks
- a 2-week course of once daily treatment of a sensitive streptococcus in the absence of significant valvular regurgitation, emboli or heart failure, can be undertaken in the home

#### 3. The following complication has NOT been described in *Campylobacter jejuni* gastrointestinal infections:

- Arthritis
- Guillain–Barré syndrome (GBS)
- Haemolytic uraemic syndrome (HUS)
- Lymphoma of the small intestine
- Osteomyelitis