

# Clinical Cases Masterclass

*Delivered as a set of interactive online lectures via Zoom.*

## Case Headings

(Full list of topics covered on page 2-3.)

1. Abdominal pain
  2. Blackout
  3. Bloating
  4. Change in bowel habit
  5. Chest pain
  6. Coma
  7. Confusion\*
  8. Cough
  9. Dizziness
  10. Fall\*
  11. GI bleed
  12. Headache
  13. Itch
  14. Lower back pain
  15. Obesity
  16. Palpitations
  17. Polysymptomatic
  18. Shortness of breath\*
  19. Sleep problems
  20. Swollen legs
  21. Tired all the time\*
  22. Urinary symptoms
  23. Vomiting
  24. Weight loss
  25. Wheeze
- \*Online case

<b>Day 1</b>	
08:30 - 08:40	Registration
08:40 - 11:00	Case 1-3
11:00 - 11:05	MDU Talk
BREAK	
11:15 - 13:00	Case 4-6
LUNCH	
13:45 - 15:30	Case 8-9
BREAK	
15:45 - 17:30	Case 11,13

<b>Day 2</b>	
08:30 - 08:40	Registration
08:40 - 10:30	Case 12, 14
BREAK	
10:45 - 13:00	Case 15-17
LUNCH	
13:45 - 15:30	Case 19-20
BREAK	
15:45 - 17:30	Case 22-25

## Topics to be covered

### Cardiovascular

- Atrial fibrillation & flutter
- Atrioventricular block
- Endocarditis
- Hypertension
- Ischaemic heart disease
- Valvular heart disease

### Endocrine and Metabolic

- Acromegaly
- Addison's disease
- Diabetes
- Goitre
- Hypercalcaemia
- Hyper-/hypo-kalaemia
- Hyper-/hypo-thyroidism
- Hypoglycaemia
- Osteoporosis
- Pheochromocytoma
- Pituitary failure
- Vitamin B<sub>1</sub> deficiency
- Vitamin D deficiency
- Vitamin B<sub>12</sub> deficiency

### Gastroenterology

- Alcoholic liver disease
- Coeliac disease
- Cirrhosis
- Gastrointestinal bleeding
- Gastro-oesophageal reflux disease
- Hepatocellular carcinoma
- Inflammatory bowel disease
- Irritable bowel syndrome
- Jaundice
- Non-alcoholic fatty liver disease
- Peptic ulcer disease
- Primary sclerosing cholangitis
- Viral hepatitis

### General Medicine

- Autoimmune disease
- HIV
- Infection in immunocompromised
- Malaria
- Metastatic cancer
- Pyrexia of unknown origin
- Sepsis
- Shock

### General Surgery and Orthopaedics

- Abscesses
- Acute abdomen
- Acute pancreatitis
- Anal fissure
- Appendicitis
- Benign prostatic hyperplasia
- Bladder cancer
- Bowel obstruction
- Breast cancer
- Breast lumps
- Chronic pancreatitis
- Diverticulitis
- Femoral fractures
- Fistulae
- Gallstone disease
- Haematuria
- Haemorrhoids
- Ovarian cancer
- Peripheral vascular disease
- Post-operative pyrexia
- Prostate cancer
- Spinal fracture
- Thyroid cancer
- Ureteric calculi
- Urinary retention
- Urinary tract obstruction
- Urological cancers

- Vesico-ureteric reflux

## Haematology

- Abnormal clotting
- Anaemia
- Anticoagulation
- Blood transfusion
- Leukaemia
- Myeloma
- Neutropenia
- Polycythaemia
- Thrombocytopenia
- Venous thrombosis

## Neurological

- Cranial nerve lesions
- Guillian-Barré syndrome
- Intracerebral masses
- Meningitis
- Migraine
- Motor neurone disease
- Multiple sclerosis
- Myasthenia gravis
- Neuropathy
- Raised intracranial pressure
- Seizures
- Spinal cord compression
- Subarachnoid haemorrhage
- TIA/stroke

## Renal Medicine

- Acute kidney injury
- Chronic kidney disease
- Diuretics
- Polycystic kidney disease
- Renal replacement therapy

## Respiratory

- Asthma
- Bronchiectasis

- COPD
- Cor pulmonale
- Haemoptysis
- Interstitial lung disease
- Lung carcinoma
- Obstructive sleep apnoea
- Pneumonia
- Pneumothorax
- Respiratory failure
- Superior vena cava obstruction
- Tuberculosis

## Rheumatology

- Acute monoarthritis
- Carpal tunnel syndrome
- Connective tissue disease
- Fibromyalgia
- Gout
- Osteoarthritis
- Osteoporosis
- Rheumatoid arthritis