

PATHOLOGY AND THERAPEUTICS COURSEProgramme of SeminarsPATHOLOGY
(10a.m.-1p.m.)THERAPEUTICS
(2.30p.m.-4p.m.)October 11th

An introduction to the causes of disease.

An introduction to drug absorption, administration, metabolism, and excretion.

October 18th

The general principles underlying pathological processes: inflammation, repair and regeneration, degeneration, infiltration, and necrosis; immunity, and abnormalities of cell growth.

The non-steroidal, non-narcotic analgesics and anti-inflammatory agents; sera and vaccines; anti-histamines; steroids.

October 25th

An introduction to the pathology of the cardiovascular system. Atherosclerosis, left ventricular failure, congestive cardiac failure, cardiogenic shock, arrhythmias.
An introduction to E.C.G's.

An introduction to anti-hypertensive drugs with examples. B-blocking agents. Anti arrhythmic drugs, diuretics, anticoagulants.

November 1st

A schema for the interpretation of E.C.G's. Interpretation of sample E.C.G's including normal tracings, atrial fibrillation, myxoedema, bundle branch block, myocardial infarction, and left ventricular hypertrophy.
Consolidation of the previous week's work; angina, myocardial infarction. The pathophysiology of haemorrhage and shock.

Drugs used in the treatment of angina. Discussion arising from previous week's work.

November 8th

Study Day.

November 15th

An introduction to the symptoms, signs and investigations of the respiratory system. Pneumothorax, pulmonary embolism, pleural effusion, the pneumonias, chronic bronchitis and emphysema, asthma, cancer of the lung, T.B.

Antibiotics, broncho-dilators, sodium cromoglycate, anti-tuberculous drugs, drugs used in resuscitation and cardiac arrest.

November, 22nd.

An introduction to the symptoms and signs of pathology of the central nervous system.
Student presentation: Smoking.

A general introduction to drugs and the central nervous system.

November 29th

Epilepsy, cerebrovascular accidents meningitis, Parkinsonism, dementia, cerebral tumours.
Student presentation: Alcoholism.

Anaesthetics, anti-depressants, anti-epileptics, tranquillisers, hypnotics and sedatives, anti-Parkinsonian drugs, drugs used in the management of schizophrenia and manic depression.

December 6th

An introduction to the symptoms, signs and investigations of the alimentary system. Carcinoma of the oesophagus and stomach, peptic and duodenal ulceration, appendicitis and diverticulitis, acute intestinal obstruction, carcinoma of the colon and rectum.
Student presentation: Obesity.

Antacids, purgatives, anti-diarrhoeal anti-spasmodics, cimetidine.

December 13th

An introduction to hepatic, biliary and pancreatic disease. Jaundice; basic chemical pathology, and the different types of jaundice. The effects of liver failure and portal hypertension; cirrhosis of the liver. Diseases of the pancreas.

Slide demonstration to end term.

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