

Module 2

Consolidating Basic Clinical Practice

155 Sessions

01 Anaesthesia and Intercurrent Disease

Date
Completed

01 Anaesthesia and cardiac disease

02_01_01	Clinical effects of anaesthesia on the cardiac system	/	/	<input type="checkbox"/>
02_01_02	Other cardiac changes during anaesthesia	/	/	<input type="checkbox"/>
02_01_03	Assessment of exercise tolerance	/	/	<input type="checkbox"/>
02_01_04	Implications of cardiac drugs	/	/	<input type="checkbox"/>
02_01_05	Basic cardiac investigations	/	/	<input type="checkbox"/>
02_01_06	Preoperative echocardiography	/	/	<input type="checkbox"/>
02_01_07	Investigation of cardiac function	/	/	<input type="checkbox"/>
02_01_08	Ischaemic heart disease (IHD)	/	/	<input type="checkbox"/>
02_01_09	Hypertensive heart disease	/	/	<input type="checkbox"/>
02_01_10	Left ventricular impairment	/	/	<input type="checkbox"/>
02_01_11	Aortic stenosis	/	/	<input type="checkbox"/>
02_01_12	Other valve lesions	/	/	<input type="checkbox"/>
02_01_13	Atrial fibrillation	/	/	<input type="checkbox"/>
02_01_14	Pacemakers and implanted cardioverters	/	/	<input type="checkbox"/>
02_01_15	Conduction defects	/	/	<input type="checkbox"/>

02 Anaesthesia and respiratory disease

02_02_01	Clinical effects of anaesthetic techniques on the respiratory system	/	/	<input type="checkbox"/>
02_02_02	Upper and lower respiratory tract infections	/	/	<input type="checkbox"/>
02_02_03	Basic respiratory investigations and lung function tests	/	/	<input type="checkbox"/>
02_02_04	Asthma	/	/	<input type="checkbox"/>
02_02_05	Anaesthesia for patients with chronic obstructive pulmonary disease (COPD)	/	/	<input type="checkbox"/>
02_02_06	Sleep apnoea	/	/	<input type="checkbox"/>

03 Anaesthesia and renal disease

02_03_01	Acute renal failure and the effects of anaesthesia on renal function	/	/	<input type="checkbox"/>
02_03_02	Chronic renal failure	/	/	<input type="checkbox"/>
02_03_03	Anaesthesia for the patient with a renal transplant	/	/	<input type="checkbox"/>

04 Anaesthesia and hepatic disease

02_04_01	Alcoholic liver disease	/	/	<input type="checkbox"/>
02_04_02	Anaesthesia for the patient with hepatic failure	/	/	<input type="checkbox"/>

05 Anaesthesia and endocrine disease

02_05_01	Diabetes mellitus for the anaesthetist	/	/	<input type="checkbox"/>
02_05_02	Perioperative Management of Diabetic Patients	/	/	<input type="checkbox"/>
02_05_03	Thyroid disease	/	/	<input type="checkbox"/>
02_05_04	Adrenal disease and steroid replacement therapy	/	/	<input type="checkbox"/>

06 Anaesthesia and connective tissue disease

02_06_01	Rheumatoid arthritis	/	/	<input type="checkbox"/>
02_06_02	Ankylosing spondylitis and systemic lupus erythematosus (SLE)	/	/	<input type="checkbox"/>

07 Anaesthesia and haematological disease

02_07_01	Anaemia	/	/	<input type="checkbox"/>
02_07_02	Sickle cell anaemia and thalassaemia	/	/	<input type="checkbox"/>
02_07_03	Porphyria	/	/	<input type="checkbox"/>
02_07_04	Haemophilia	/	/	<input type="checkbox"/>
02_07_05	Platelet disorders	/	/	<input type="checkbox"/>
02_07_06	Anticoagulants	/	/	<input type="checkbox"/>

08 Anaesthesia and neurological/muscle disease

02_08_01	Epilepsy and anaesthesia	/	/	<input type="checkbox"/>
02_08_02	Anaesthesia and myasthenia gravis	/	/	<input type="checkbox"/>
02_08_03	Multiple sclerosis and myotonias	/	/	<input type="checkbox"/>
02_08_04	The pathophysiology of chronic spinal cord injury	/	/	<input type="checkbox"/>
02_08_05	Anaesthetic implications of spinal cord injury	/	/	<input type="checkbox"/>
02_08_06	Anaesthesia and psychiatric disorders	/	/	<input type="checkbox"/>
02_08_07	Anaesthesia and psychiatric drugs	/	/	<input type="checkbox"/>

09 Anaesthesia in the Obese Patient

02_09_01	Anaesthetic implications of obesity	/	/	<input type="checkbox"/>
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02 Preoperative Assessment

Date
Completed

10 History

02_10_01	Preoperative history - important principles	/	/	<input type="checkbox"/>
02_10_02	Drug misuse and anaesthetic implications	/	/	<input type="checkbox"/>

11 Examination

02_11_01	Examination: important principles	/	/	<input type="checkbox"/>
02_11_02	Cardiovascular system	/	/	<input type="checkbox"/>
02_11_03	Physical examination - the respiratory system	/	/	<input type="checkbox"/>
02_11_04	Physical examination - the neurological system	/	/	<input type="checkbox"/>
02_11_05	Airway assessment 1	/	/	<input type="checkbox"/>
02_11_06	Airway assessment 2	/	/	<input type="checkbox"/>

12 Drug Therapy

02_12_01	Drug therapy - implications for the anaesthetist	/	/	<input type="checkbox"/>
02_12_02	Steroids	/	/	<input type="checkbox"/>

13 Allergy and Anaesthetic Related Problems

02_13_01	Allergies including latex	/	/	<input type="checkbox"/>
02_13_02	Suxamethonium apnoea	/	/	<input type="checkbox"/>
02_13_03	Malignant hyperthermia	/	/	<input type="checkbox"/>

14 Investigations and Interpretation

02_14_01	ECG I	/	/	<input type="checkbox"/>
02_14_02	ECG II	/	/	<input type="checkbox"/>
02_14_03	ECG III	/	/	<input type="checkbox"/>
02_14_04	Normal chest x-rays	/	/	<input type="checkbox"/>
02_14_05	Normal chest x-rays 2	/	/	<input type="checkbox"/>
02_14_06	Abnormal chest x-rays 1	/	/	<input type="checkbox"/>
02_14_07	Abnormal chest x-rays 2	/	/	<input type="checkbox"/>
02_14_08	Other x-rays	/	/	<input type="checkbox"/>

02_14_09	Abdominal x-rays	/	/	<input type="checkbox"/>
02_14_10	Simple CT and MRI scans 1	/	/	<input type="checkbox"/>
02_14_11	Simple CT and MRI scans 2	/	/	<input type="checkbox"/>
02_14_12	Haematology 1	/	/	<input type="checkbox"/>
02_14_13	Haematology 2	/	/	<input type="checkbox"/>
02_14_14	Biochemistry: hyperkalaemia and hypokalaemia	/	/	<input type="checkbox"/>
02_14_15	Biochemistry: hypernatraemia and hyponatraemia	/	/	<input type="checkbox"/>
02_14_16	Biochemistry magnesium and calcium	/	/	<input type="checkbox"/>
02_14_17	Biochemistry of blood urea and creatinine	/	/	<input type="checkbox"/>

03 Implications of Surgery on Conduct of Anaesthesia

Date Completed

15 Day Case Surgery

02_15_01	Day case surgery and anaesthesia 1: advantages and organization	/	/	<input type="checkbox"/>
02_15_02	Day case surgery and anaesthesia 2: patient selection and discharge criteria	/	/	<input type="checkbox"/>
02_15_03	Day case surgery and anaesthesia 3	/	/	<input type="checkbox"/>

16 Emergency Surgery

02_16_01	Emergency surgery - general principles	/	/	<input type="checkbox"/>
02_16_02	Preoperative Assessment & Preparation	/	/	<input type="checkbox"/>
02_16_03	Assessment of need for HDU/ICU care	/	/	<input type="checkbox"/>

17 Trauma

02_17_01	Trauma 1 anaesthesia for head injuries	/	/	<input type="checkbox"/>
02_17_02	Trauma 2 anaesthesia for fractured jaw	/	/	<input type="checkbox"/>

18 Acute Abdomen

02_18_01	Acute abdomen: preparation	/	/	<input type="checkbox"/>
02_18_02	Acute abdomen: intraoperative management	/	/	<input type="checkbox"/>
02_18_03	Acute abdomen: postoperative care	/	/	<input type="checkbox"/>

19 Surgical Specialities

02_19_01	General anaesthesia for ear, nose and throat surgery	/	/	<input type="checkbox"/>
02_19_02	Anaesthesia for dental and maxillofacial surgery	/	/	<input type="checkbox"/>
02_19_03	General anaesthesia for laparoscopic surgery 1	/	/	<input type="checkbox"/>
02_19_04	General anaesthesia for laparoscopic surgery 2	/	/	<input type="checkbox"/>
02_19_05	General Anaesthesia plastic surgery	/	/	<input type="checkbox"/>
02_19_06	Anaesthesia for urological surgery	/	/	<input type="checkbox"/>

04 Preparation for Theatre

Date Completed

20 Preparation for Theatre

02_20_01	General principles of preparation for theatre	/	/	<input type="checkbox"/>
02_20_02	Consent 1	/	/	<input type="checkbox"/>
02_20_03	Consent 2	/	/	<input type="checkbox"/>
02_20_04	Assessment of surgical and anaesthetic risks	/	/	<input type="checkbox"/>

21 Premedication

02_21_01	Role of the preoperative visit	/	/	<input type="checkbox"/>
02_21_02	Pre-medicant drugs	/	/	<input type="checkbox"/>
02_21_03	Deep vein thrombosis	/	/	<input type="checkbox"/>
02_21_04	Assessment and causes of preoperative anxiety	/	/	<input type="checkbox"/>

05 Induction of Anaesthesia

Date Completed

22 Preparation prior to GA

02_22_01 Preparation for general anaesthesia / /

23 Intravenous Induction

02_23_01 Definition and conduct of general anaesthesia / /

02_23_02 Propofol: an overview / /

02_23_03 Thiopental: an overview / /

02_23_04 Etomidate, ketamine and the role of opioids / /

24 Inhalational Induction

02_24_01 Inhalation induction - overview / /

02_24_02 Clinical signs during inhalational induction / /

02_24_03 Agents and technique of inhalational induction / /

25 Anaphylaxis

02_25_01 Presentation and identification of anaphylaxis / /

02_25_02 Immediate management of anaphylaxis / /

02_25_03 Secondary management of anaphylaxis / /

26 Advanced airway skills

02_26_01 Variants of the laryngeal mask airway / /

02_26_02 Difficult intubation: new technologies and advanced techniques / /

02_26_03 Emergency airway manoeuvres / /

06 Maintenance of General Anaesthesia

Date Completed

27 General Principles

02_27_01 Principles of maintenance of general anaesthesia / /

02_27_02 Volatile agents, breathing attachments / /

02_27_03 Intravenous maintenance of anaesthesia / /

02_27_04 Overview of monitored sedation / /

02_27_05 Maintenance of temperature / /

28 Intraoperative Problems

02_28_01 Management of hypo- and hypercapnia / /

02_28_02 Management of intraoperative hypotension and hypertension / /

02_28_03 Management of intraoperative arrhythmias / /

29 Monitoring

02_29_01 Essential monitoring for general anaesthesia / /

02_29_02 Further monitoring for general anaesthesia / /

02_29_03 Vigilance and anticipation of problems / /

30 Depth of anaesthesia

02_30_01 Depth of anaesthesia: basic principles / /

02_30_02 Systems for measuring depth of anaesthesia / /

02_30_03 Depth of anaesthesia: incidence and management of awareness / /

31 Muscle relaxation

02_31_01 Muscle relaxation - basic principles / /

02_31_02 Monitoring neuromuscular blockade / /

02_31_03 Reversal of neuromuscular block / /

32 Intermittent Positive Pressure Ventilation

02_32_01	Principles of IPPV	/ /	<input type="checkbox"/>
02_32_02	Conduct of intermittent positive pressure ventilation (IPPV)	/ /	<input type="checkbox"/>
02_32_03	Managing IPPV	/ /	<input type="checkbox"/>

33 Intra-operative analgesia and fluid management

02_33_01	Intraoperative analgesia	/ /	<input type="checkbox"/>
02_33_02	Overview of intravenous fluids	/ /	<input type="checkbox"/>
02_33_03	Principles of red cell transfusion	/ /	<input type="checkbox"/>
02_33_04	Management of massive haemorrhage	/ /	<input type="checkbox"/>

34 Positioning

02_34_01	Overview of different surgical positions	/ /	<input type="checkbox"/>
02_34_02	Protection of the anaesthetized patient	/ /	<input type="checkbox"/>

35 Medicolegal aspects

02_35_01	Anaesthetic record keeping	/ /	<input type="checkbox"/>
02_35_02	Handover protocol for changing anaesthetist mid-case	/ /	<input type="checkbox"/>

07 Postoperative and Recovery Care

Date Completed

36 Postoperative care

02_36_01	Safe handover of patient to recovery team	/ /	<input type="checkbox"/>
02_36_02	Postoperative analgesia: basic principles and analgesic ladder	/ /	<input type="checkbox"/>
02_36_03	Patient-controlled analgesia	/ /	<input type="checkbox"/>
02_36_04	Postoperative nausea and vomiting (PONV)	/ /	<input type="checkbox"/>

37 Common problems in recovery

02_37_01	Failure of return of consciousness or neuromuscular function	/ /	<input type="checkbox"/>
02_37_02	Post extubation airway difficulties	/ /	<input type="checkbox"/>
02_37_03	Management of hypo- or hypertension	/ /	<input type="checkbox"/>
02_37_04	Management of rhythm problems or ischaemia	/ /	<input type="checkbox"/>

08 Infection Control

Date Completed

38 Health and safety

02_38_01	Universal precautions and cross infection	/ /	<input type="checkbox"/>
02_38_02	HIV and hepatitis B and C in context	/ /	<input type="checkbox"/>
02_38_03	Needle stick (sharps) injuries	/ /	<input type="checkbox"/>

39 Antibiotics and sterilisation

02_39_01	Antibiotic policies	/ /	<input type="checkbox"/>
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