

Module 1

82 Sessions

Introduction to Clinical Anaesthesia

01 The Operating Theatre Environment

Date Completed

01 Principles of safe practice and the role of the anaesthetist

01_01_01	The anaesthetist and the theatre team	/ /	<input type="checkbox"/>
01_01_02	Preparation and usage of equipment and drugs	/ /	<input type="checkbox"/>
01_01_03	General theatre conduct	/ /	<input type="checkbox"/>

02 Basic Science for Novice Trainees

Date Completed

02 Anatomy essentials

01_02_01	Anatomy of the airway	/ /	<input type="checkbox"/>
01_02_02	Anatomy of the lungs and respiratory system	/ /	<input type="checkbox"/>
01_02_03	Anatomy of the heart and major vessels	/ /	<input type="checkbox"/>

03 Physiology essentials

01_03_01	Cardiovascular physiology	/ /	<input type="checkbox"/>
01_03_02	Respiratory physiology	/ /	<input type="checkbox"/>
01_03_03	Oxygen transport and consumption	/ /	<input type="checkbox"/>
01_03_04	Physiology of the neuromuscular junction	/ /	<input type="checkbox"/>
01_03_05	Autonomic nervous system physiology	/ /	<input type="checkbox"/>

04 Pharmacology essentials

01_04_01	Premedication	/ /	<input type="checkbox"/>
01_04_02	Intravenous induction agents	/ /	<input type="checkbox"/>
01_04_03	Inhalational anaesthetic agents	/ /	<input type="checkbox"/>
01_04_04	Perioperative analgesia	/ /	<input type="checkbox"/>
01_04_05	Neuromuscular blocking agents	/ /	<input type="checkbox"/>
01_04_06	Local anaesthetic agents	/ /	<input type="checkbox"/>
01_04_07	Drugs used in an emergency	/ /	<input type="checkbox"/>
01_04_08	Intravenous fluids	/ /	<input type="checkbox"/>

05 Physics essentials

01_05_01	Gases and vapours	/ /	<input type="checkbox"/>
01_05_02	Electrical safety	/ /	<input type="checkbox"/>

03 Anaesthetic Equipment for Novice Trainees

Date Completed

06 The anaesthetic machine

01_06_01	Medical gas supplies	/ /	<input type="checkbox"/>
01_06_02	Gas and vapour controls	/ /	<input type="checkbox"/>
01_06_03	Breathing system components	/ /	<input type="checkbox"/>
01_06_04	Common breathing systems	/ /	<input type="checkbox"/>
01_06_05	Principles of IPPV	/ /	<input type="checkbox"/>
01_06_06	Ventilator settings and alarms	/ /	<input type="checkbox"/>
01_06_07	Filters, humidifiers and scavenging systems	/ /	<input type="checkbox"/>

07 Monitoring

01_07_01	Basic monitoring: ECG, SPO2 and blood pressure	/ /	<input type="checkbox"/>
----------	--	-----	--------------------------

01_07_02	Gas monitoring: O2, CO2, and anaesthetic agents	/ /	<input type="checkbox"/>
01_07_03	Nerve stimulators and temperature monitoring	/ /	<input type="checkbox"/>
08 Preoperative equipment check			
01_08_01	Checking the anaesthetic machine	/ /	<input type="checkbox"/>
01_08_02	Checking other anaesthetic equipment	/ /	<input type="checkbox"/>
01_08_03	Common equipment problems	/ /	<input type="checkbox"/>

04 Preoperative Assessment and Management

Date Completed

09 Preoperative assessment

01_09_01	General preoperative measures	/ /	<input type="checkbox"/>
01_09_02	The purpose of preoperative visiting	/ /	<input type="checkbox"/>
01_09_03	History and examination	/ /	<input type="checkbox"/>
01_09_04	Prediction of a difficult airway	/ /	<input type="checkbox"/>
01_09_05	ASA grading and preoperative investigations	/ /	<input type="checkbox"/>
01_09_06	Risk and consent	/ /	<input type="checkbox"/>

10 Higher risk patients

01_10_01	Higher risk groups: cardiovascular and respiratory disease	/ /	<input type="checkbox"/>
01_10_02	Higher risk groups: other miscellaneous conditions	/ /	<input type="checkbox"/>
01_10_03	Higher risk groups: extremes of age and emergency surgery	/ /	<input type="checkbox"/>

05 Induction of Anaesthesia and Intraoperative

Date Completed

11 General principles of anaesthesia

01_11_01	Aims of anaesthesia	/ /	<input type="checkbox"/>
01_11_02	Sedation	/ /	<input type="checkbox"/>
01_11_03	Local/regional anaesthesia	/ /	<input type="checkbox"/>

12 Management of the airway and failed intubation drills

01_12_01	Airway maintenance: facemask	/ /	<input type="checkbox"/>
01_12_02	Airway maintenance: cLMA	/ /	<input type="checkbox"/>
01_12_03	Airway maintenance: tracheal tube 1	/ /	<input type="checkbox"/>
01_12_04	Airway maintenance: tracheal tube 2	/ /	<input type="checkbox"/>
01_12_05	Airway obstruction	/ /	<input type="checkbox"/>
01_12_06	Management of failed intubation	/ /	<input type="checkbox"/>

13 Induction of anaesthesia

01_13_01	Venous access	/ /	<input type="checkbox"/>
01_13_02	Choice of airway	/ /	<input type="checkbox"/>
01_13_03	Pre-oxygenation	/ /	<input type="checkbox"/>
01_13_04	Intravenous induction sequence	/ /	<input type="checkbox"/>
01_13_05	Stages of unconsciousness	/ /	<input type="checkbox"/>

14 General anaesthesia: basic techniques for novice trainees

01_14_01	General anaesthesia: spontaneous ventilation with an LMA	/ /	<input type="checkbox"/>
01_14_02	General anaesthesia: ventilation with an ETT	/ /	<input type="checkbox"/>
01_14_03	Rapid sequence induction	/ /	<input type="checkbox"/>

15 Maintenance of anaesthesia

01_15_01	Maintenance of anaesthesia and avoiding awareness	/ /	<input type="checkbox"/>
01_15_02	Practical examples of drugs used during maintenance	/ /	<input type="checkbox"/>

01_15_03	Intravenous fluid therapy	/ /	<input type="checkbox"/>
01_15_04	Ventilation during maintenance: spontaneous or mechanical	/ /	<input type="checkbox"/>
01_15_05	Monitoring, vigilance for untoward events and patient positioning	/ /	<input type="checkbox"/>
01_15_06	Haemorrhage and hypovolaemia	/ /	<input type="checkbox"/>

06 Postoperative Management	Date Completed
------------------------------------	-----------------------

16 Emergence from anaesthesia

01_16_01	Reversal and extubation	/ /	<input type="checkbox"/>
01_16_02	Management of slow and failed recovery	/ /	<input type="checkbox"/>
01_16_03	Transferring the patient to recovery	/ /	<input type="checkbox"/>

17 Post-operative recovery

01_17_01	Overview of recovery	/ /	<input type="checkbox"/>
01_17_02	Airway maintenance and oxygen therapy	/ /	<input type="checkbox"/>
01_17_03	Analgesia and antiemetics	/ /	<input type="checkbox"/>
01_17_04	Ward visit after major surgery	/ /	<input type="checkbox"/>

07 Critical Incidents and Management of	Date Completed
--	-----------------------

18 Critical incidents

01_18_01	Respiratory problems	/ /	<input type="checkbox"/>
01_18_02	Cardiovascular problems	/ /	<input type="checkbox"/>
01_18_03	Anaphylaxis	/ /	<input type="checkbox"/>

19 Advanced life support

01_19_01	Principles of advanced life support	/ /	<input type="checkbox"/>
01_19_02	Management of perioperative arrest	/ /	<input type="checkbox"/>

08 Self Assessment	Date Completed
---------------------------	-----------------------

20 End of module self assessment

01_20_01	Module 1 - Assessment 1: Physiology	/ /	<input type="checkbox"/>
01_20_02	Module 1 - Assessment 2: Pharmacology	/ /	<input type="checkbox"/>
01_20_03	Module 1 - Assessment 3: Equipment	/ /	<input type="checkbox"/>
01_20_04	Module 1 - Assessment 4: Anaesthetics	/ /	<input type="checkbox"/>