Section 1 Basic Sciences

- *General principles of pharmacology*
- *Data, statistics and clinical trials*
- *Inhalational anaesthetics and medical gases*
- *Intravenous anaesthetics and sedatives*
- *Local anaesthetics*
- *Pain*
- *Nausea and vomiting*
- *Muscle function and neuromuscular blockade*
- *Cardiovascular system*
- *Respiratory system*
- *Renal system*
- *Fluid, electrolyte and acid-base balance*
- *Metabolism, the stress response and thermoregulation*
- *Blood, coagulation and transfusion*

Section 2 Physics and Apparatus

- *Basic physics*
- *Equipment*
- *Clinical measurement and monitoring*

Section 3 Fundamentals of Anaesthesia & Perioperative Medicine

- *Quality and safety*
- *Preoperative assessment*
- *Coexisting disease*
- *Consent and information*
- *The practical conduct of anaesthesia*
- *Airway management*
- *Pain management*
- *Local and regional anaesthesia*
- *Complications*
- *Management of critical incidents*
- *Resuscitation*

Postoperative care

Section 4 Clinical Anaesthesia

The high-risk surgical patient

The older surgical patient

The obese patient

Paediatric anaesthesia

Day surgery

General, gynaecological and genitourinary surgery

Orthopaedic surgery

ENT, maxillofacial and dental surgery

Ophthalmic surgery

Vascular, endocrine and plastic surgery

Neurosurgery

Thoracic surgery

Cardiac surgery

Obstetric anaesthesia and analgesia

Emergency and trauma surgery

Anaesthesia in low and middle-income areas

Anaesthesia outside the operating theatre

Organ transplantation

Intensive care medicine