## Contents

Preface 4  
How to use your textbook 5  
About the companion website 8  
Abbreviations 9

1 History of anaesthesia 10  
2 Monitoring 12  
3 Equipment 14  
4 Airway devices 16  
5 Fluid management 18  
6 Preoperative preparation of the patient for surgery 21  
7 Temperature regulation 24  
8 The perioperative patient journey 26  
9 General anaesthesia – inhalational anaesthetics 28  
10 General anaesthesia – intravenous anaesthetics 30  
11 Local anaesthetics 32  
12 Neuromuscular blocking drugs 34  
13 Acute pain 36  
14 Postoperative nausea and vomiting 38  
15 Chronic pain 40  
16 The airway 42  
17 Emergency anaesthesia 44  
18 Obstetric anaesthesia 46  
19 Ophthalmic anaesthesia 48  
20 Paediatric anaesthesia 50  
21 Cardiac and thoracic anaesthesia 52  
22 Regional anaesthesia 54  
23 Anaesthetic emergencies in the operating theatre 56  
24 Anaesthetic emergencies in the wider hospital 59  
25 Trauma 62  
26 Orthopaedic anaesthesia 64  
27 Anaesthesia and obesity 67  
28 Anaesthesia and old age 70  
29 Anaesthesia and diabetes 72  
30 Anaesthesia for vascular surgery 74  
31 Anaesthesia for ENT and maxillofacial surgery 76  
32 Awareness 78  
33 Anaesthesia for ECT, dental surgery and special needs 80  
34 Postoperative management 82  
35 Anaesthesia away from the hospital setting 84  

Index 86