

# Contents

- Contributors, vii
- Preface, ix
- 1** Introduction, 1  
*Tim Nutbeam and Ron Daniels*
- 2** Consent and Documentation, 3  
*Tim Nutbeam*
- 3** Universal Precautions and Infection Control, 6  
*Anne Mutlow*
- 4** Local Anaesthesia and Safe Sedation, 11  
*Ron Daniels*
- 5** Sampling: Blood-Taking and Cultures, 18  
*Helen Parry and Lynn Lambert*
- 6** Sampling: Arterial Blood Gases, 23  
*Kathryn Laver and Julian Hull*
- 7** Sampling: Lumbar Puncture, 29  
*Mike Byrne*
- 8** Sampling: Ascitic Tap, 35  
*Andrew King*
- 9** Sampling: Pleural Aspiration, 39  
*Nicola Sinden*
- 10** Access: Intravenous Cannulation, 44  
*Anna Fergusson and Oliver Masters*
- 11** Access: Central Venous, 50  
*Ronan O'Leary and Andrew Quinn*
- 12** Access: Emergency – Intraosseous Access and Venous Cutdown, 57  
*Matt Boylan*
- 13** Therapeutic: Airway – Basic Airway Manoeuvres and Adjuncts, 65  
*Tim Nutbeam*
- 14** Therapeutic: Airway – Insertion of Laryngeal Mask Airway, 70  
*Tim Nutbeam*
- 15** Therapeutic: Endotracheal Intubation, 73  
*Randeep Mullhi*
- 16** Therapeutic: Ascitic Drain, 80  
*Sharat Putta*
- 17** Therapeutic: Chest Drain, 84  
*Nicola Sinden*

- 18** Monitoring: Urinary Catheterisation, 91  
*Adam Low and Michael Foster*
- 19** Monitoring: Central Line, 97  
*Ronan O'Leary and Andrew Quinn*
- 20** Monitoring: Arterial Line, 101  
*Rob Moss*
- 21** Specials: Suturing and Joint Aspiration, 107  
*Simon Laing and Chris Hetherington*
- 22** Specials: Paediatric Procedures, 114  
*Kate McCann and Amy Walker*
- 23** Specials: Obstetrics and Gynaecology, 120  
*Caroline Fox and Lucy Higgins*
- Index, 125