Contents

Anesthesia

1. Anesthesia Trolly, Instruments, Circuits, Ventilation and Preanaesthetic Medication 3
2. Neuromuscular Blockers 22
3. Intravenous and Inhalational Anaesthetics 28
4. Clinical Anesthesia 43
5. Anaesthetic Complication & Management 56
6. Local Anaesthetics & Blocks 65
7. Spinal, Epidural and Caudal Anaesthesia 73
8. Review Notes 81

Orthopedics

1. Bone Histology, Fracture: Pattern, Healing & Non-Union 147
2. Polytrauma 152
3. Injuries of Upper Limb 156
4. Injuries of Lower Limb 182
5. Spinal Injuries 201
6. Sports Injury/Ligamentous Injury 211
7. Advanced Orthopaedics and Managements 218
8. Nerve Injuries 226
9. Paediatric Orthopaedics 237
   - 9.1 Fractures in Children
   - 9.2 Paediatric Limb Anomaly
   - 9.3 Paediatric Hip Problem
   - 9.4 Paediatric Knee and Foot Problem
   - 9.5 CTEV
   - 9.6 Paediatric Spinal Problem
   - 9.7 Genetic & Developmental Disorders of Bones
10. Metabolic Bone Diseases 253
11. Avascular Necrosis of Bone & Osteochondritis 264
12. Arthritis 268
13. Regional Pain Syndromes 281
14. Infective Bone Diseases 286
15. Bone Tumors 294
16. Review Notes 311