CONTENTS

Section 1—General Aspects of Paediatric Orthopaedics

1. **Anatomical Consideration: Growth and Development of a Child** 3
   N De Mazumder
2. **Prophylaxis in Childhood Orthopaedics** 7
   N De Mazumder
3. **Identification of the Paediatric Orthopaedic Problems by History and Clinical Examination** 11
   N De Mazumder
4. **Musculoskeletal Imaging in Paediatric Orthopaedics** 25
   Anirban Chatterjee
5. **Osteomyelitis and Septic Arthritis in Neonates, Infants and Children** 31
   S Bhattacharyya
6. **Poliomyelitis and its Management, Cerebral Palsy and Obstetric Brachial Plexus Palsy** 48
   AK Das, A Dasgupta, Anirban Chatterjee
7. **Tuberculosis of Skeletal System** 66
   N De Mazumder
8. **Management of Juvenile Idiopathic Arthritis** 72
   Tapabrata Chatterjee
9. **Dysplasias, Dystrophies and Malformations** 78
   N De Mazumder
10. **Rickets, Renal Osteodystrophy and Scurvy** 92
    N De Mazumder
11. **Contractures of Muscles in Children** 98
    Subir K Chatterjee, N De Mazumder
12. **Haematological Conditions in Children** 104
    N De Mazumder
13. **Bone Tumours in Children** 109
    N De Mazumder
14. **Soft Tissue Tumours** 121
    N De Mazumder
15. **Disorders of Voluntary Muscles** 125
    N De Mazumder
16. **Syphilitic, Fungal and Brucellar Infections of Bones and Joints** 131
    N De Mazumder

Section 2—Regional Paediatric Orthopaedics

17. Hip Joint Disorders **137**
N De Mazumder

18. Knee Disorders **168**
N De Mazumder

19. Ankle and Foot Disorders **178**
N De Mazumder

20. Congenital Lower Limb Defects **210**
N De Mazumder

21. Disorders of Spine and Neck: Tuberculosis of the Spine and Vertebral Agenesis, Fusions and the Fusion Defects, Scoliosis and Back Pain **216**
N De Mazumder

22. Upper Limb Disorders: Shoulder Girdle, Elbow and Hand Disorders **235**
N De Mazumder, Anirban Chatterjee

23. Overview of Trauma in Children **251**
N De Mazumder

24. Injuries of the Neck and Spine and Fractures of the Pelvis **254**
N De Mazumder

25. Fractures and Dislocations of the Lower Limb in Children **258**
N De Mazumder

26. Fractures and Dislocation of the Upper Limb in Children **270**
Indrajit Sardar

27. Miscellaneous Orthopaedic Conditions, Paediatric Orthosis and Prosthesis, and Physiotherapy in Children **280**
N De Mazumder

Index **293**