

## Table of contents

Foreword, Sandra J. Hoffmann

### **SECTION 1: General and Basic Concepts**

1. Child Neurodevelopment and Sport Participation, *Dilip R. Patel and Helen D. Pratt*
2. Adolescent Growth and Development, and Sport Participation, *Donald E. Greydanus and Helen D. Pratt*
3. Psychosocial Aspects of Youth Sports, *Dilip R. Patel, Donald E. Graydanus, and Helen D. Pratt*
4. Introduction to Pediatric Exercise Physiology, *Robert J. Baker*
5. Strength Training and Conditioning, *Michael G. Miller and Timothy J. Michael*
6. Sports Nutrition, *Robert J. Baker*
7. Performance-Enhancing Drugs and Supplements, *Donald E. Graydanus and Cynthia Feucht*
8. Preparticipation Evaluation, *Donald E. Greydanus and Dilip R. Patel*

### **SECTION 2: Medical Conditions and Sport Participation**

9. Special Considerations for the Female Athlete, *Donald E. Greydanus and Artemis K. Tsitsika*
10. Epilepsy, *Donald E. Greydanus and David H. Van Dyke*
11. Concussions, *Dilip R. Patel*
12. Chest and Pulmonary Conditions, *Douglas N. Homnick*
13. Disorders of the Kidneys, *Donald E. Greydanus and Alfonso Torres*
14. Cardiovascular Considerations, *Dilip R. Patel*
15. Diabetes Mellitus, *Manmohan K. Kamboj and Martin B. Draznin*
16. Hematologic Conditions, *Dilip R. Patel*
17. Gastrointestinal Conditions, *Robert J. Baker*
18. Infectious and Dermatologic Conditions, *Dilip R. Patel, Ashir Kumar, and Cynthia Feucht*

### **SECTION 3: Musculoskeletal Injuries**

19. Musculoskeletal injuries: Basic Concepts, *Dilip R. Patel*
20. Acute Injuries of the Shoulder Complex and Arm, *Steven Cline*
21. Overuse Injuries of the Shoulder, *Dilip R. Patel and E. Dennis Lyne*
22. Acute injuries of the Elbow, Forearm, Wrist, and Hand, *Steve Cline*
23. Overuse Injuries of the Elbow, Forearm, Wrist, and Hand, *Dilip R. Patel and E. Dennis Lyne*
24. Acute Injuries of the Hip, Pelvis, and Thigh, *Steven Cline*
25. Overuse Injuries of the Hip, Pelvis, and Thigh, *Dilip R. Patel, E. Dennis Lyne, and Sarah Bancroft*
26. Acute Injuries of the Knee, *Steven Cline*
27. Overuse Injuries of the Knee, *Dilip R. Patel and E. Dennis Lyne*
28. Acute Injuries of the Leg, Ankle, and Foot, *Steven Cline and Dilip R. Patel*
29. Overuse Injuries the Leg, Foot, and Ankle, *Dilip R. Patel and E. Dennis Lyne*
30. Thoracolumbar Spine Injuries, *Dilip R. Patel and Dale Rowe*
31. Stress Fractures, *Steven Cline and Dilip R. Patel*

### **SECTION 4: Team Physician, Emergencies, and Other Topics**

32. Team Physician, *Daniel G. Constance and Robert J. Baker*,
33. Maxillofacial and Dental Injuries, *Joseph D'Ambrosio*
34. Acute Head and Neck Trauma, *Robert J. Baker*
35. Physically Challenged Athletes, *Dilip R. Patel and Donald E. Greydanus*
36. Conditions and Injuries of Eyes, Nose, and Ears, *Robert J. Baker*
37. Injuries of Chest, Abdomen, and Genitourinary System, *Robert J. Baker*
38. Environment-Related Conditions, *Daniel G. Constance and Robert J. Baker*

## **SECTION 5: Appendices**

- A. Introduction to Bracing, Splinting, and Casting, *Eugene Diokno*
  - B. Soft Tissue Injections, Joint Injections, and Aspiration, *Eugene Diokno*
  - C. An Illustrated Guide to Some Common Exercises, *Eugene Diokno*
  - D. Analgesic and Nonsteroidal Anti-Inflammatory Drugs, *Cynthia Feucht*
  - E. Resources for Further Education and Involvement, *Dilip R. Patel*
- Index

libreria Univer