Pediatric Rehabilitation: Principles and Practice

Widely acknowledged as the cornerstone reference in the field, Pediatric Rehabilitation brings together renowned specialists from all sectors of the pediatric rehabilitation community to provide the most current and comprehensive information available.

The fifth edition has been substantially updated and expanded with evidence-based discussions of new theories, therapies, interventions, research findings, and controversies. Five completely new chapters focus on such emerging areas as the use of ultrasound to guide motor point and nerve injections, rehabilitation of chronic pain and conversion disorders, management of concussions, sports injuries, and neurodegenerative and demyelinating diseases in children. This edition also addresses important new directions in genetic markers and tests, cognitive, developmental, and neuropsychological assessment, and rehabilitation for common genetic conditions. Additionally, several new contributors provide fresh perspectives to the voices of established leaders in the field.

The text covers all aspects of pediatric rehabilitation medicine from basic examination and testing to electrodiagnosis, therapeutic exercise, orthotics and assistive devices, gait labs, aging with pediatric onset disability, and in-depth clinical management of the full range of childhood disabilities and injuries. "Pearls and Perils" featured throughout the book underscore crucial information, and illustrations, summary tables, information boxes, and lists contribute to the text's abundant clinical utility.

New to the Fifth Edition:
- Every chapter has been thoroughly revised and expanded to reflect current thinking and practice
- Evidence-based discussions of new theories, therapies, interventions, research findings, and areas of controversy
- Five entirely new chapters illuminating emerging areas: rehabilitation of chronic pain and conversion disorders, ultrasound-guided injections, concussion management, sports injuries, and neurodegenerative and demyelinating diseases in children

Publication Year 2015
Edition 5th Ed.
Author/Editor Alexander, Michael A.; Matthews, Dennis J.
Publisher Springer Publishing Company
Doody's Star Rating® ★★★★★ Score: 97
Platform Ovid
Product Type Book
Speciality Rehabilitation & Physical Medicine
Language English
Pages 636
Illustrations 0