

# INTRODUCTION

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Rehabilitation professionals are frequently involved in the diagnosis and treatment of hip disorders. A comprehensive approach to the topic of "The Hip" includes management of late complications from surgery or trauma. This issue of the *Journal of Back and Musculoskeletal Rehabilitation* was organized to provide readers with a concise clinical overview of hip disorders in the adult and pediatric populations.

The Anatomy and Biomechanics of the Hip Joint focuses on functional anatomy and kinesiology and offers specific techniques for effective physical diagnosis. A very thorough review of the differential diagnosis of hip pain takes one through initial presentation of the patient to treatment. In recognition of osteoporosis as a major contributor to hip fractures and morbidity, an article on this subject has been included to assist clinicians in diagnosis, prevention, and treatment of this disorder. Rehabilitation following total hip replacement offers specific protocols for occupational and physical therapy of this common orthopedic rehabilitation problem. Thromboembolic disease in total hip arthroplasty provides a detailed literature review and decision algorithms

for diagnosis and anticoagulation. Heterotopic Ossification outlines the etiology, work-up, and management options for this late postoperative complication of total hip arthroplasty. Contributions from pediatric physiatrists include Congenital Hip Dislocation and The Hip in Cerebral Palsy. Sport injuries due to overuse are reviewed and include the correction of intrinsic and extrinsic risk factors. Piriformis Syndrome reviews the anatomy, etiology, and differential diagnosis of this painful condition.

Each author has made a special effort to provide state-of-the-art information regarding the assessment and rehabilitation management of hip disorders. The editor is indebted to these contributing authors for their enthusiasm, hard work, and timely return of their articles. It is our combined hope that this issue will serve as an educational and reference resource for those professionals involved in the rehabilitation treatment team.

I would like to dedicate this issue to Catherine Bontke, MD who has become an unwilling expert on hip disorders. Please get well soon.

*Fae H. Garden, MD*