

RIAPTA Orthopedic Lecture

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Dr. Schiller is an Assistant Professor of Orthopedic Surgery at the Warren Alpert School of Medicine of Brown University and an Attending Physician at Hasbro Children's Hospital and Rhode Island Hospital. He completed a fellowship in Pediatric Orthopedics and Scoliosis at the world renowned Texas Scottish Rite Hospital for Children in Dallas, Texas before beginning his practice at University Orthopedics. He has authored numerous peer-reviewed publications, book chapters, and presented on the topic of pediatric orthopedic care and surgical treatment of hip disorders at regional, national, and international meetings. He specializes in pediatric orthopedics and his clinical interests include hip arthroscopy in pediatric and adult populations, limb lengthening procedures, pediatric fracture management, and scoliosis.

Tom Dubuque PT, MSPT, CSCS

Tom Dubuque is a physical therapist at University Orthopedics in Providence, RI and a provider for Brown University Sports Medicine. He has worked with the Brown University Football team since 2009. He is a graduate of Springfield College in Springfield, MA. He is recognized as a Certified Strength and Conditioning Specialist by the NSCA and is active in the Sports and Orthopedic Sections of the APTA. He is a member of the Hip Special Interest Group and the American Society of Shoulder and Elbow Therapists. His clinical specialty is surgical and non-surgical rehabilitation of the hip, shoulder, and knee.

Current Concepts in Surgical Treatment and Post-Operative Rehabilitation of Selected Hip Disorders

Learning Objectives

Upon completion of this lecture the participant will:

1. Understand selected pathoanatomical topics associated with the hip complex including but not limited to femoroacetabular impingement, labral tear, dysplasia, and osteochondral defects.
2. Analyze etiological concepts, physiological concepts, and clinical presentation associated with FAI, labral pathology, dysplasia, and articular cartilage and soft tissue disorders of the hip complex.
3. Understand the basic science of hip arthroscopy for selected pathology, including hip osteotomy and surgical hip dislocation.
4. Understand the clinical rationale for rate of progression through a course of post-operative rehabilitation based on specific intraoperative findings.
5. Demonstrate familiarity with specific interventions to improve ROM, strength, neuromuscular control, mobility, stability, and movement patterns in the hip complex.
6. Appraise the current evidence regarding operative technique and post-operative rehabilitation principles specific to the pediatric and athletic hip.