



Pediatric Orthopedic Sports Injuries in Skeletally Immature Patients

HOSPITAL/DIVISION University Hospitals Rainbow Babies & Children's Hospital

Division of Pediatric Orthopedics

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Injuries Treated

• Anterior cruciate ligament and meniscal injuries

Patella instability

• Osteochondritis dissecans

- Tibial tubercle and tibial eminence fractures
- Soft tissue injuries

Therapies

- Physeal-sparing ACL reconstruction
- Partial physeal-sparing ACL reconstruction
- Transphyseal ACL reconstruction
- Arthroscopic meniscal repair
- Arthroscopic osteochondritis dissecans treatment
- Arthroscopic tibial eminence fixation

- Minimally invasive tibial tubercle fixation
- Medial patella retinacular repair
- Medial patellofemoral ligament reconstruction in skeletally immature patients; technique to anatomically repair MP FL without damage to the growth plate

Distinguishing Features

- Fellowship-trained pediatric orthopedic surgeons; all are members of the Pediatric Orthopaedic Society of North America (POSNA)
- ACL reconstruction techniques that avoid going across the growth plate; used in young children sustaining an ACL tear without causing a growth disturbance
- Minimally invasive OCD lesion treatment through arthroscopy; drilling and fixation with absorbable screws
- Research completed at UH Rainbow Babies & Children's Hospital and published and presented at regional, national and international meetings

About UH Cleveland Medical Center

At the core of University Hospitals' \$4 billion health system is UH Cleveland Medical Center, ranked among America's best hospitals by U.S. News & World Report. UH Cleveland Medical Center is home to some of the most prestigious clinical and research programs in the nation, including cancer, pediatrics, women's health, orthopedics, radiology, neuroscience, cardiology and cardiovascular surgery, digestive health, transplantation and genetics. Its main campus includes UH Rainbow Babies & Children's Hospital, ranked among the top children's hospitals in the nation; UH MacDonald Women's Hospital, Ohio's only hospital for women; and UH Seidman Cancer Center, part of the NCI-designated Case Comprehensive Cancer Center at Case Western Reserve University.