Duke Pediatric Orthopaedics

Specialized orthopaedic care from birth through adolescence, with seamless transition to adult orthopaedic care when needed



Multidisciplinary clinics and coordinated care designed around the unique needs of growing children



Regional referral destination for common to complex pediatric orthopaedic conditions

Overview

Duke Pediatric Orthopaedics provides comprehensive evaluation, treatment, and long-term management of musculoskeletal conditions affecting infants, children, and adolescents. Our fellowship-trained specialists offer both nonsurgical and surgical care for a wide range of orthopaedic conditions, from common injuries and sports-related concerns to complex congenital, developmental, and neuromuscular disorders.

Patients have access to nationally recognized pediatric orthopaedic experts across a range of subspecialties, including sports medicine, hip preservation, trauma, and spine care. As a regional referral destination for complex pediatric orthopaedic conditions, Duke combines advanced clinical expertise, specialized pediatric imaging, rehabilitation services, and multidisciplinary care to deliver individualized treatment tailored to each child's growth, development, and long-term function.

When to Refer

Our experienced team partners with referring providers to evaluate and manage musculoskeletal conditions, including:

- All fractures and growth plate injuries requiring orthopaedic evaluation or follow-up
- Scoliosis and other spinal deformities
- Limb length differences, angular deformities, and other congenital conditions of the limb
- Hip disorders, from developmental dysplasia of the hip (DDH) in infancy through adolescent hip dysplasia and conditions such as hip impingement and slipped capital femoral epiphysis (SCFE)
- Gait abnormalities, in-toeing, out-toeing, and toe walking
- Congenital deformities and abnormalities of hand
- Clubfoot, flatfoot, and all other congenital and developmental abnormalities of the foot
- Cerebral palsy and other neuromuscular conditions, including muscular dystrophy, congenital myopathies, and spina bifida
- Metabolic and genetic bone disorders, including osteogenesis imperfecta, achondroplasia, and other skeletal dysplasias
- Sports injuries and overuse injuries in young athletes

Duke Children's

To refer a patient, log in to Duke MedLink, or call 919-613-0505.

Duke Pediatric Orthopaedics

Why Refer to Duke

Fellowship-trained pediatric orthopaedic surgeons with additional subspecialty expertise dedicated exclusively to caring for children and adolescents, including:

- **National expertise in scoliosis and pediatric spine disorders,** offering advanced nonsurgical and surgical treatment for conditions ranging from routine scoliosis to complex spinal deformities.
- **Pediatric sports medicine specialists** provide age-appropriate care for young athletes, with expertise in injury prevention, rehabilitation, and safe return-to-sport planning.
- Dedicated **hip preservation expertise** for evaluation and treatment of complex hip conditions, including hip dysplasia and femoroacetabular impingement (FAI), with a focus on preserving long-term joint health and function.
- **Comprehensive pediatric trauma care** for fractures and musculoskeletal injuries, with evidence-based treatment tailored to the unique needs of the growing skeleton.
- Focused care for **cerebral palsy and spina bifida** through dedicated specialty clinics and expert orthopaedic management.
- **Coordinated multidisciplinary care** supported by specialized pediatric imaging, pediatric physical therapy, and sports performance programs.

Comprehensive support from diagnosis through recovery

- Advanced surgical and nonsurgical treatment techniques tailored to growing children
- Access to specialized diagnostic services and pediatric orthopaedic imaging designed to minimize radiation exposure
- Specialized physical therapy and rehabilitation programs
- Ongoing care focused on growth, development, function, and long-term outcomes

To refer a patient, log in to Duke MedLink, or call 919-613-0505.

Duke Children's