



# Pediatric and Adolescent Orthopedic Care

When a child requires orthopedic services for an acute, chronic or congenital condition, parents and referring physicians choose our pediatric orthopedic specialists.

## OUR TEAM

Our board-certified, fellowship-trained pediatric orthopedic specialists are among the most experienced in the country, and are widely recognized for pioneering surgeries and innovative, conservative approaches to a wide variety of orthopedic problems in children and adolescents.

## TREATMENT APPROACH

Our nationally and internationally renowned pediatric orthopedic specialists treat patients at St. Louis Children's Hospital. Ancillary services offered by St. Louis Children's Hospital include low-dose imaging, pediatric physical and occupational therapy, and pediatric-friendly facilities.

Our multidisciplinary team includes surgeons, physical medicine and rehabilitation specialists, pediatric orthopedic nurse practitioners, registered nurses, medical assistants, athletic trainers and rehabilitation medicine specialists. We work closely with pediatric radiologists at St. Louis Children's Hospital to optimize assessment and treatment.

Our team performs a large number of primary and revision surgeries to maximize the outcomes of young patients. Weekly case conferences and strong collaborations maximize outcomes and patient satisfaction.

## RESEARCH AND CLINICAL TRIALS

We are nationally recognized for orthopedic research and premier clinical care. Our research program is consistently a top-funded orthopaedic program in the United States by the National Institutes of Health.<sup>1</sup> For information on current research and clinical trials available, please visit [ortho.wustl.edu](http://ortho.wustl.edu).

## Ranked Among the Nation's Best

St. Louis Children's Hospital is consistently recognized as one of America's top children's hospitals by *U.S. News & World Report*. We're proud to rank #1 in Missouri and #7 in the United States for pediatric orthopedic care.



## Level 1 Trauma Center

St. Louis Children's Hospital is the only Level 1 Pediatric Trauma Center in Missouri and Illinois verified by the American College of Surgeons.

We are the only pediatric trauma service in the region that will reattach and re-vascularize severed limbs.



## Specialized Care for Complex Conditions

- Perform limb-lengthening techniques
- Provide hip care from birth through young adulthood
- Treat spine deformities
- Treat birth differences of the hand and foot

**COMMONLY TREATED CONDITIONS**

- Adolescent hip deformities
- Benign and malignant tumors, including neurofibromatosis
- Birth brachial plexus injuries
- Fractures/trauma
- Hand and wrist deformities and injuries, including nerve, tendon, and vessel injuries
- Lower extremity deformities and limb length discrepancies, including Blount's disease
- Neuromuscular disorders, including cerebral palsy
- Pediatric and adolescent sports injuries, including sports-related concussions
- Pediatric foot deformities, including clubfoot
- Spine injuries and deformities, including spina bifida and skeletal dysplasia

**SCHEDULE AN APPOINTMENT:**

(314) 514-3500

[ortho.wustl.edu/kids](http://ortho.wustl.edu/kids)



Sources: <sup>1</sup>Blue Ridge Institute for Medical Research  
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**SPECIALIZED SERVICES****Hand and Wrist Problems**

For birth and acquired hand and wrist conditions, we are nationally recognized for cutting-edge techniques and outstanding outcomes. We specialize in birth and developmental differences and trauma and sports-related injuries.

**Hip Deformities**

We care for problems of the hip identified at birth or presenting in young adults, providing both conservative and surgical treatment. Our Adolescent and Young Adult Hip Disorders Center is one of only a handful of orthopedic practices in the country with expertise in adolescent hip arthroscopy. A multidisciplinary approach focuses on relieving pain, improving function and preserving the hip joint in patients diagnosed with complex conditions such as developmental hip dysplasia, impingement disorders or deficient hip sockets.

**Foot Deformities**

Our physicians are internationally recognized for treating congenital pediatric foot deformities such as clubfoot, vertical talus, flatfoot, polydactyly, or metatarsus adductus.

**Lower Extremity Deformities and Limb-Lengthening**

We specialize in lower extremity deformities, including the correction of Blount's disease commonly caused by genu varum (bowed legs), and the treatment of uneven limb length in young children.

**Musculoskeletal Oncology**

A multidisciplinary approach is used to diagnose and treat children with benign and malignant tumors of the musculoskeletal system, including spinal tumors. A fellowship-trained orthopedic oncologist works closely with radiologists, pathologists, and pediatric oncologists to create an individualized treatment plan that aggressively treats the cancer while ensuring the highest quality of life for the patient.

**Spinal Deformities**

We are one of the world's leading programs for the treatment of spinal deformities and problems with the immature growing spine. Our surgeons are at the forefront in treating early onset and severe cases of scoliosis, kyphosis, and spondylolisthesis.

**Trauma**

St. Louis Children's Hospital is the only Level-1 pediatric trauma center in Missouri and Illinois verified by the American College of Surgeons. We are the only pediatric trauma service in the region that will re-attach and re-vascularize severed limbs.

**Young Athlete Center**

The Young Athlete Center provides sports medicine care for pediatric and adolescent athletes, evaluating and treating sports injuries (such as ACL and meniscus injuries), and sports-related concussions. Our physicians work closely with sports psychologists, cardiologists, dietitians, and other specialists to provide comprehensive care for the young athlete, including injury prevention education.