

Orthopaedic & Sports Medicine Center

Powered by Multidisciplinary Care

Texas Children's®

U.S. Olympic & Paralympic
MEDICAL NETWORK

Our vision: To be an Orthopaedic and Sports Medicine Center of Excellence that redefines pediatric and adolescent musculoskeletal care—providing exceptional access to multidisciplinary subspecialty teams and harnessing digital innovation to connect data, advance discovery, and deliver seamless, patient-centered care, while setting the standard in clinical excellence, research, and education.



Our facilities: Texas Children's Medical Center campus is located within the world's largest healthcare complex, encompassing 21 hospitals and more than 10 million patient encounters annually. We deliver care across four hospital campuses and ten community locations, bringing high-quality, patient-centered services closer to home. Each year, we perform over 4,000 surgical procedures and 86,000 outpatient visits, spanning routine fracture care to complex, multispecialty cases referred from across Texas and the United States.

Our team: Our team includes 23 orthopaedic surgeons, 9 primary care sports medicine physicians, and 22 advanced practice providers, supported by a multidisciplinary group focused on achieving optimal patient outcomes. Texas Children's serves as the official pediatric medical partner to the U.S. Olympic & Paralympic Committee, with our clinicians providing care to elite athletes both nationally and internationally.

Our programs: We offer 14 multidisciplinary programs tailored to pediatric and adolescent patients, including Hip Preservation, Neuromuscular, Spine, Orthopaedic Oncology, Limb Deformity, Sports Medicine, and Upper Extremity Reconstruction. Together, these programs provide comprehensive care across the full spectrum of musculoskeletal conditions.

Innovation: Our state-of-the-art Motion Analysis Lab incorporates advanced markerless technology and AI-driven analytics to inform surgical decision-making. Within the newly established Movement Health and Innovation Institute, our human performance program focuses on injury prevention, biomechanical optimization, and recovery for young athletes.

Our faculty are actively engaged in medical device development, from implant design to novel bracing solutions. We are advancing the use of augmented reality and surgical navigation to enhance precision and safety in complex procedures, alongside AI-enabled radiographic screening and surveillance programs that expand access and support quality improvement in pediatric orthopaedics.

Our quality: Ranked #5 nationally by U.S. News & World Report, our outcomes reflect excellence in comprehensive subspecialty care and multidisciplinary collaboration.

Our education and research: We are deeply committed to education and research, offering robust training opportunities for residents and fellows in Pediatric Orthopaedic Surgery, Physical Medicine and Rehabilitation, and Pediatric Sports Medicine. Our Pediatric Orthopaedic Research Fellowship provides dedicated experience in research methodology and active participation in clinical research across all subspecialty areas.

Scan the QR code to learn more about our program or to book an appointment at one of our Houston or Austin locations.

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