Pediatric Orthopedics

Pediatric Procedures
Children’s Memorial Hermann Hospital offers a multidisciplinary approach to the nonoperative and operative management of pediatric orthopedic injuries and conditions utilizing the teams of specialists across the hospital. Treatment for orthopedic injuries and conditions include, but are not limited to:

- Scoliosis and spinal deformity casting, bracing, and surgical correction
- Sports Medicine with special expertise with complex ACL/meniscal, labral and patellar repair, including physeal-sparing techniques for growing kids
- Pediatric bone and soft tissue tumors
- Complex fractures and growth plate injuries
- Arthroscopy of shoulder, knee, elbow, ankle and hip
- Physical therapy

Limb Deformity
- Acute deformity correction (osteotomy)
- Bracing and surgical treatment of knock knees and bow legs
- Elbow and upper extremity deformity surgery due to trauma or developmental deformity
- Gradual correction using external fixation for lower limb deformity
- Guided growth for deformity correction
- Surgical limb lengthening/shortening for limb length discrepancy

Neuromuscular Conditions
- Bracing and surgical treatment of neuromuscular scoliosis
- Bracing and surgical treatment of hip subluxation/dislocation
- Splinting/casting and surgical treatment of extremity contractures

Bone Tumor Surgery
- Allograft transplantation
- Limb salvage for benign and malignant bone tumors and dysplasia
- Oncologic arthroplasty

Scoliosis and Pediatric Spine Surgery
- Scoliosis and spinal deformity surgery and bracing
- Early onset scoliosis casting and surgery
- Congenital spine deformity surgery

Comprehensive Pediatric Fracture Care
- Surgery and non-surgery treatment of all pediatric fractures and growth plate injuries
- Onsite bracing and casting

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The specialized physicians from McGovern Medical School at UTHealth, and affiliated with Children’s Memorial Hermann Hospital, are fellowship trained in pediatric orthopedic surgery.

Alfred A. Mansour III, MD
Director, Pediatric Orthopedic Surgery
Associate Professor, Department of Orthopedic Surgery
Direct, Hip Preservation Program
Team Physician, NBA Houston Rockets
- Hip Preservation in Young Children and Adolescents/Young Adults
- Sports Medicine
- Pediatric Trauma

Timothy Borden, MD
Assistant Professor, Department of Orthopedic Surgery
- Pediatric Trauma
- Scoliosis/Spinal Deformity
- Neuromuscular Conditions

Ernest “Chappie” Conrad III, MD
Professor, Department of Orthopedic Surgery
- Dysplasia
- Pediatric Bone Tumors
- Sarcomas

Lindsay Crawford, MD
Assistant Professor, Department of Orthopedic Surgery
- Pediatric Trauma
- Complex Foot and Limb Deformity
- Scoliosis/Spinal Deformity

Angle Curtis, MD, MPT
Staff Physician, Department of Orthopedic Surgery
- Nonsurgical Sports Medicine
- Acute and Overuse Injuries
- Fractures
- Concussions

Surya Munduru, MD
Assistant Professor, Department of Orthopedic Surgery
- Pediatric Trauma
- Scoliosis/Spinal Deformity
- Complex Foot and Limb Deformity
- Neuromuscular Conditions

Jessica Traver, MD
Assistant Professor, Department of Orthopedic Surgery
- Sports Medicine
- Pediatric Orthopedic Surgery

Shiraz Younas, MD
Associate Professor, Department of Orthopedic Surgery
- Pediatric Trauma
- Complex Foot and Limb Deformity
- Scoliosis/Spinal Deformity

Timothy Borden, MD
Assistant Professor, Department of Orthopedic Surgery
- Pediatric Trauma
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- Scoliosis/Spinal Deformity

Hip Preservation
- Hip arthroscopy – labral repair, osteoplasty
- Pelvic and proximal femoral osteotomies
- Periacetabular osteotomy (PAO)
- Surgical hip dislocation
- Ultrasound-guided injections

Foot and Ankle Deformity Surgery
- Bracing for pediatric foot deformities
- Casting/splinting for congenital foot deformities
- Clubfoot casting/bracing and long-term follow-up
- Corrective surgery for foot and ankle deformities

To learn more about the pediatric orthopedic program
Visit childrens.memorialhermann.org/orthopedics.

To schedule an appointment with an affiliated physician at any of the UT Physicians clinics
Call 713.486.4880 or visit childrens.memorialhermann.org/schedulenow
to schedule an appointment online at select locations.