PARTNERSHIP for PEDIATRIC CARE

A Collaborative Partnership & Shared Common Mission
SHRINERS CHILDREN’S AT A GLANCE
CELEBRATING 100 YEARS IN 2022

1922

2022

OUR LOCATIONS
Shriners Children’s provides specialty care to children with orthopedic conditions, burns, spinal cord injuries, and cleft lip and palate, regardless of the families’ ability to pay or insurance status. Our multidisciplinary medical teams provide all care in a welcoming, family-centered environment.

22+ Locations Across North America
Our mission is to provide innovative:

- Pediatric specialty care
- Cutting-edge research
- Outstanding medical education
- Any child birth to 18 years of age

Service is provided regardless of the family’s ability to pay or insurance status including public aid and the uninsured.
MEET THE CHICAGO TEAM @ Shriners

300+ Employees
- 8 Pediatric Orthopedic Surgeons
- 6 Plastic/Craniofacial Surgeons
- 2 Physical Medicine + Rehabilitation Physicians
- Specialty and Consulting Physicians
- 4 Licensed Clinical Pediatric Psychologists

Facility
- 60 Licensed Beds
- 24 Outpatient Rooms
- 4 Operating Rooms
- 6 Bed Intensive Care Unit
- 197,000 Sq. Ft. Facility
UIC + SHRINERS CHILDREN’S CHICAGO

- Pediatric Orthopaedic Surgery
- Plastic/Craniofacial Surgery
- Pediatric Physical Medicine + Rehabilitation
- Genetics
- Pediatric Infectious Disease
OUR LIST OF SERVICES @ Shriners Chicago

PEDiatric ORTHOPAEDICS | PLASTIC AND CRANIOFACIAL SURGERY | REHAB AND SPINAL CORD INJURIES
MEET OUR ORTHOPAEDIC TEAM @ Shriners

Purnendu Gupta, M.D.
- Chief of Staff, Spine Surgeon
- Pediatric Scoliosis
- Kyphosis
- Spondylolisthesis
- Tumors
- Traumatic Injuries
- Complex Spinal Reconstructions

Michal Szczodry, M.D.
- Pediatric/Erectile Scoliosis
- Increased Kyphosis
- Spondylolisthesis/Back Pain
- Spinal Tumors
- Spinal Injuries
- Complex Spinal Reconstructions
- Spokes English and Polish

John Ghazi, M.D.
- Pediatric Scoliosis
- Kyphosis
- Spinal Deformities
- Fractures/Foot Deformities
- Hip Disorders/Hip Dysplasia
- Neuromuscular Conditions

Peter Smith, M.D.
- Cerebral Palsy
- Neuromuscular Disorders
- Arthrogryposis
- Osteogenesis Imperfecta
- Clubfoot
- Skeletal Dysplasia
- Clinical Director, Motion Analysis Center

Haluk Altiok, M.D.
- Clubfoot, Foot Deformities
- Hip Disorders/Hip Dysplasia
- Limb Lengthening and Reconstruction
- Cerebral Palsy
- Spina Bifida
- Arthrogryposis

Terri Cappello, M.D.
- Foot and Leg Deformities
- Clubfoot
- Hip Disorders/Hip Dysplasia
- Knee Deformities
- Gait Abnormalities
- Stable Fractures
- Shriners at Cook Cty Health

Jeffrey Ackman, M.D.
- Limb Differences/Ampatations
- Hip Disorders/Hip Dysplasia
- Limb Lengthening and Reconstruction
- Cerebral Palsy
- Prosthetics and Orthotics

Kelsey Davidson, M.D.
- Sports Injuries
- Knee Injuries/Knee Disorders
- Stable Fractures
- Cerebral Palsy
- Hip Disorders/Hip Dysplasia
- Limb Lengthening and Reconstruction
MEET OUR ORTHOPAEDIC TEAM @ Shriners+

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- Chief of Staff, Spine Surgeon
- Pediatric Scoliosis
- Kyphosis
- Spondylolisthesis
- Tumors
- Traumatic Injuries
- Complex Spinal Reconstructions

Michal Szczodry, M.D.
- Pediatric/Infantile Scoliosis
- Increased Kyphosis
- Spondylolisthesis/Back Pain
- Spinal Tumors
- Spinal Injuries
- Complex Spinal Reconstructions
- Speaks English and Polish

John Ghazi, M.D.
- Pediatric Scoliosis
- Kyphosis
- Spinal Deformities
- Fractures/Foot Deformities
- Hip Disorders/Hip Dysplasia
- Neuromuscular Conditions

Peter Smith, M.D.
- Cerebral Palsy
- Neuromuscular Disorders
- Arthrogryposis
- Osteogenesis Imperfecta
- Clubfoot
- Skeletal Dysplasia
- Clinical Diaphragm Function Analysis

Haluk Altioğ, M.D.
- Clubfoot, Foot Deformities
- Hip Disorders/Hip Dysplasia
- Limb Lengthening and Reconstruction
- Cerebral Palsy
- Spina Bifida
- Arthrogryposis

Jeffrey Ackman, M.D.
- Limb Differences/Amputations
- Hip Disorders/Hip Dysplasia
- Limb Lengthening and Reconstruction
- Cerebral Palsy
- Prosthetics and Orthotics

Kelsey Davidson, M.D.
- Sports Injuries
- Knee Injuries/Knee Disorders
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- Shriners at Cook Cty Health
THE PLASTICS / CRANIOFACIAL TEAM from

David Morris, M.D.
- Chief of Plastic Surgery
- Jaw (Orthognathic) Surgery
- Cleft Lip and Palate
- Facial Asymmetry
- General Pediatric Plastic Surgery

Julia Corcoran, M.D.
- Breast Deformity and Macromastia
- Hemangioma and Related Conditions
- Nevus
- Infant Ear Molding and Otoplasty
- Infant Head Shape
- Cleft Lip and Palate

Pravin Patel, M.D.
- Jaw (Orthognathic) Surgery
- Facial Skeletal Surgery

Mitchell Grassechi, M.D.
- Ear Deformity
- Eyelid Differences
- Cleft Lip and Palate
- Skin Neoplasms and Scars
- Amniotic Bands
- Breast Deformity

Lee Alkureishi, M.D.
- Giant Congenital Nevus
- Craniofacial/Hemifacial Microsomia
- Cleft Lip and Palate
- Complex Microsurgery
- Jaw (Orthognathic) Surgery

Chad Purnell, M.D.
- Craniofacial Syndromes
- Craniosynostosis
- Obstructive Sleep Apnea
- Jaw Deformities
MEET OUR PM&R / SPINAL CORD INJURY TEAM @

- Physiatrists
- PT, OT
- Consulting physicians
- Dieticians
- Advanced practice nurses
- Social workers
- Audiologists
- Speech-language pathologists
- Care managers
- Clinical pediatric psychologists
- Recreational life therapy
- Child life
Philip Giampietro, MD, PhD, FACMG
Section Chief of Medical Genetics
Department of Pediatrics

Andrew Kreppel MD, M.P.H
Assistant Professor of Clinical Pediatrics
Pediatric Infectious Disease
MEET OUR NEUROLOGY SPECIALISTS @ Shriners

Kenneth Silver, M.D.
- Seizures
- Developmental delay
- Neuromuscular Dystrophies
- Sleep Wake Regulation in Neurological Conditions
- Sleep disordered breathing
- Circadian Rhythm Disturbances

Thuan Dang, M.D.
- Seizures
- Developmental delay
- Neuromuscular Dystrophies
- Sleep Wake Regulation in Neurological Conditions
- Sleep disordered breathing
- Circadian Rhythm Disturbances

Arthur DiPatri, M.D.
- Tethered Spinal Cord
- Myelomeningocele
- Lipomyelomeningocele
- Craniosynostosis
- Craniofacial Disorders

These specialists care for children with medical concerns related to other conditions we treat in orthopedic surgery, craniofacial/plastic surgery, or pediatric rehabilitation.
MEET OUR OTHER SPECIALISTS @ Shriners

Srikumar Pillai M.D.
- Chest wall deformities
- Pectus excavatum/
  Pectus Carinatum
- G-tube placement
- Hernia repair
- Ports (Port-a-cath) / PICC lines

Brian Gulack, M.D.
- Chest wall deformities
- Pectus excavatum/
  Pectus Carinatum
- G-tube placement
- Hernia repair
- Ports (Port-a-cath) / PICC lines

Linda Wagner-Weiner, M.D.
- Juvenile Idiopathic Arthritis
- Autoimmune Disease
- Connective Tissue Disorders
- Lupus
- Musculoskeletal Pain
- Scleroderma

These specialists care for children with medical concerns related to other conditions we treat in orthopedic surgery, craniofacial/plastic surgery, or pediatric rehabilitation.
MEET OUR PEDIATRIC PSYCHOLOGY CONSULTANTS

Kathy Zebracki, PH.D.
- Chief of Psychology
- Spinal Cord Injuries / Dysfunctions
- Orthopedic and Neuromuscular conditions
- Adaptive Coping to Medical Condition
- Mood and Behavioral Disorders

Lydia Baright, PH.D.
- Cleft/Craniofacial Conditions
- Plastic Surgery
- Adaptive Coping to Medical Condition
- Mood and Behavioral Disorders
- Developmental Evaluations

Kyle Deane, PH.D.
- Spinal Cord Injuries / Dysfunctions
- Orthopedic and Neuromuscular conditions
- Adaptive Coping to Medical Condition
- Mood and Behavioral Disorders
- Psychological Evaluations

Meredith Albert, PH.D.
- Cleft/Craniofacial Conditions
- Plastic Surgery
- Adaptive Coping to Medical Condition
- Mood and Behavioral Disorders
- Psychological Evaluations

These specialists care for children with medical concerns related to other conditions we treat in orthopedic surgery, craniofacial/plastic surgery, or pediatric rehabilitation.
CONDITIONS WE TREAT

PEDIATRIC PSYCHOLOGY

- Facilitate adaptive coping to trauma or medical condition
- Provide mental health screening, including suicide risk
- Evaluate and treat anxiety and depression
- Provide psychoeducational/neuropsychological assessments
- Promote medical adherence
WHAT WE DO
CONDITIONS WE TREAT @ Orthopaedics

- Cerebral palsy
- Spina bifida
- Osteogenesis imperfecta
- Muscular dystrophy
- Gait abnormalities
- Hip dysplasia
- Hip, knee, & foot deformities
- Clubfeet

- In-toeing & out-toeing
- Growing pains
- Flatfeet & high arches
- Sprains & strains
- Fracture care
CONDITIONS WE TREAT @ Shriners Chicago

ORTHOPAEDICS
- Cerebral palsy
- Spina bifida
- Osteogenesis imperfecta
- Muscular dystrophy

- Gait abnormalities
- Hip dysplasia
- Hip, knee, & foot deformities
- Clubfeet

- Scoliosis (infantile, syndromic, idiopathic)
- Kyphosis
- Back pain

- In-toeing & out-toeing
- Growing pains
- Flatfeet & high arches

- Sprains & strains
- Fracture care

- Complexed hand & arm deformities

- Ligament & cartilage injuries
  - ACL tear
  - Meniscus tear
  - Patella instability

- Return to sports testing
  - 3-D motion analysis
CONDITIONS THEY TREAT @ UIC + Shriners

PLASTICS/RECONSTRUCTIVE SURGERY

▪ Cleft lip and palate
▪ Congenital or acquired facial deformities
▪ Maxillofacial skeletal deformities
▪ Craniofacial ear deformities
▪ Craniosynostosis

▪ Helmet therapy
▪ Jaw surgery
▪ Facial nerve paralysis

▪ Pressure injuries/wounds
▪ Dog bites
▪ Breast reduction for spinal health
▪ Burn scars
CONDITIONS WE TREAT @ UIC + Shriners

PHYSICAL MEDICINE & REHABILITATION

- Cerebral palsy
- Spina bifida
- Spinal cord injury and dysfunctions
- Limb spasticity (Botox injections)
- Guillain-Barre syndrome
- Erb’s palsy and nerve injury
- Acute flaccid myelitis
- Functional neurological disorder
- Concussions with mild brain injury

*Do not treat autism or seizures*
TYPES OF CONDITIONS WE TREAT @ UIC + Shriners

GENETICS

- Genetic analysis

INFECTIOUS DISEASE

- Post-operative infections
CONDITIONS WE TREAT @ Shriners Chicago

PEDIATRIC NEUROLOGY
- Muscular dystrophy / Duchenne / Becker
- Cerebral palsy
- Developmental delay
- Spina bifida
- Cerebellar ataxia
- Sleep abnormalities -> sleep studies coming!

*Do not treat autism or seizures*

PEDIATRIC NEUROSURGERY
- Tethered cord
- Hydrocephalous
CONDITIONS WE TREAT @ Shriners

PEDiatric urology
- Neurogenic bowel and bladder

Pediatric general surgery
- Chest wall deformities
  - Pectus excavatum
- Pressure injuries/wounds
- G-tube placement
CONDITIONS WE TREAT @ Shriners

PEDIATRIC RHEUMATOLOGY

- Juvenile idiopathic arthritis
- Autoimmune disease
- Connective tissue disorders
- Lupus
- Musculoskeletal pain
- Scleroderma
Rehabilitation & Spinal Cord Injury Facility @ Shriners

- Aquatic therapy
- Award-winning 4000 sq. ft. adaptive playground

- Dysphagia therapy
- Pelvic floor therapy
- Brachial plexus injury treatment

- Custom upper extremity splinting
- Upper & lower extremity serial casting
- Custom wheelchair and equipment assessments

- Return to sport testing
MULTIDISCIPLINARY WRAP-AROUND CARE @ Shriners

PROVIDE THE HIGHEST QUALITY CARE TO CHILDREN

MONDAY
➢ Neuromuscular MDA Clinic
➢ OI Clinic

TUESDAY
➢ Clubfoot
➢ Spasticity
➢ General Cerebral Palsy

WEDNESDAY
➢ Spinal Cord Injury
➢ Cleft | Craniofacial
➢ Cerebral Palsy

THURSDAY
➢ Spina Bifida
➢ Cleft | Craniofacial
➢ Cerebral Palsy

FRIDAY
➢ Sports Medicine
➢ Tuned Orthotics
➢ Amputee
PROSTHETICS & ORTHOTISTS ON-SITE @ Shriners
Clinical Research & Education are Cornerstones of our Mission

- We are a teaching hospital affiliated with Chicago's Top Leading Medical Centers and train residents & fellows.
  - The University of Illinois at Chicago
  - Cook County Health
  - Loyola University Medical Center
  - Rush University Medical Center
  - University of Chicago Medicine
  - Northwestern University Feinberg School of Medicine
  - Chicago Medical School

- 51 Research Projects
- 29 Funded Projects
Ahead of the Curve

- **EOS Advanced 3D Imaging Technology**
  - 9x the reduction in radiation exposure vs. standard radiography
  - Weight-bearing standing position reveals joint orientation
Ahead of the Curve

**Motion Analysis Center**

- Analyzes a patient’s motion to study and determine which surgical procedures are necessary and gauge how effective those surgeries are with improving gait
Genetic sequencing offered to patients and families
- To aid in diagnosis and develop precision therapies
- 15,000 subjects will complete the whole genome sequencing
1. Referral Form / Faxes
2. EPIC
3. Emails
4. Phone Calls
5. Online
6. Internal Referral
   * Faculty, Residents

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**Sources of Referral**

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**All care and services are provided regardless of insurance coverage or families’ ability to pay**
PATIENT PROFILE

- Children ≤ 18 years old
- Orthopaedic + conditions
- Majority of all insurances
- Majority of all Medicaid plans
- Uninsured and undocumented

All care and services are provided regardless of insurance coverage or families’ ability to pay.
SHRINERS CHILDREN’S CHICAGO

Trish Pajak
Physician Liaison
Patricia.Pajak@shrinenet.org

Terri Cappello, M.D.
Pediatric Orthopaedic Surgeon
tcappello@shrinenet.org
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Thank YOU

Questions?