

Marios Lykissas, MD, PhD

Pediatric Orthopaedics Fellow

Pediatric Hand and Upper Extremity Surgery

Cincinnati Children's Hospital Medical Center

Cincinnati, OH, USA

Program History

Cincinnati Children's Hospital Medical Center (CCHMC) has been ranked as one of the USA's top three pediatric hospitals by the U.S. News & World Report. Cincinnati has long been seen as an epicenter of hand surgery training, due to the outstanding work of Peter Stern and his partners. The board certified Drs. Cornwall, Little and Foad consist the orthopaedic hand surgery team. As a pediatric orthopaedic fellow, I was expected to excel both as a student and as an educator. In the role of student, I was expected to attend all scheduled pediatric orthopaedic lectures, including a great number of pediatric Hand Surgery lectures. Lectures were also presented by me to the house-staff in a manner befitting a junior faculty member.

Research

The Center's current and on-going research that I participated in included:

- Basic science research in the lab focusing on the impact of brachial plexus injuries on the growth and development of muscles, with investigation of medications to preserve muscle tissue and prevent contractures
- Multi-center study focusing on the appropriate timing of nerve repair
- Clinical research with focus on surgical outcomes, use of EMG testing to help guide operative and non-operative management, MRI analysis, and outcomes following Botox injections
- Preservation of the motor end-plate after nerve injury and repair

Operating Room

The hand is involved in nearly all of our daily surgeries. Pediatric patients with hand deformities from all around the world, especially patients with genetic syndromes or associated conditions, such as cardiac anomalies and Epidermolysis Bulosa, are operated in CCHMC. Hand surgeries include, but not restricted to

- Correction of congenital malformations (syndactyly, radial club hand, pollicization)
- Hand and upper extremity trauma

- Wrist arthroscopy
- Neuromuscular problems, including cerebral palsy
- Tumors of the hand

Hand & Upper Extremity Clinics

- Brachial Plexus Clinic (the largest pediatric brachial plexus surgery team of any children's hospital in the USA)
- Epidermolysis Bulosa Clinic (worldwide famous)
- Fracture Clinic
- Vascular Malformation Clinic

Visiting Professors

Scott Oishi, MD, FACS, Pediatric orthopaedic hand surgeon at Texas Scottish Rite Hospital for Children, Dallas, TX.

Accreditation

The one year training program fulfills the requirements for training as stated by the American Board of Orthopaedic Surgery and is accredited by the Accreditation Council of Graduate Medical Education (ACGME).

Certification

Upon completion of this fellowship, the fellow will be certified by the ACGME and may become member of the Pediatric Orthopaedic Society of North America (POSNA).

For more information please visit the following link:

<http://www.cincinnatichildrens.org/ed/clinical/fellow/orthopaedic/default.htm>