

“With 26 joints to consider, versus a single joint as in the hip and knee, the foot and ankle is a fascinating structure that can present challenging clinical issues. When all the joints are working well together, the foot and ankle plays like a symphony. It is very rewarding for a doctor to be able to achieve that kind of harmony.”

Dr. Justin K. Greisberg

Orthopaedic Foot and Ankle Specialist

INFORMATION AND REFERRAL

To refer a patient, request a telephone consultation, or to learn more about

the Foot and Ankle Service, please call **(212) 305-5604**

or visit our website at **www.nyp.org/columbiaortho**

Foot and Ankle Service
NewYork-Presbyterian Columbia Orthopaedics
622 West 168th Street
New York, NY 10032
www.nyp.org/columbiaortho

OUR ORTHOPAEDIC SURGEONS

■ Foot and Ankle

Justin K. Greisberg, MD

■ Hand and Microvascular

Melvin P. Rosenwasser, MD

Robert J. Strauch, MD

■ Hip and Knee

Jeffrey A. Geller, MD

Howard A. Kiernan, Jr., MD

Office: (212) 305-5241

William B. Macaulay, MD

Ohannes A. Nercessian, MD

■ Pediatric Orthopaedics

Christopher S. Ahmad, MD

Joshua E. Hyman, MD

Francis Y. Lee, MD

David P. Roye, Jr., MD

Michael G. Vitale, MD, MPH

■ Shoulder, Elbow and Sports Medicine

Christopher S. Ahmad, MD

Louis U. Bigliani, MD

Theodore A. Blaine, MD

William N. Levine, MD

■ Spine

Christopher B. Michelsen, MD

Mark Weidenbaum, MD

■ Trauma

Jeffrey A. Geller, MD

Justin K. Greisberg, MD

William B. Macaulay, MD

Christopher B. Michelsen, MD

Ohannes A. Nercessian, MD

Melvin P. Rosenwasser, MD

■ Tumor and Bone Disease

Francis Y. Lee, MD

For an appointment, please call **(212) 305-4565**

NEWYORK-PRESBYTERIAN HOSPITAL/COLUMBIA UNIVERSITY MEDICAL CENTER

NewYork-Presbyterian Hospital/Columbia University Medical Center in conjunction with its academic partner Columbia University College of Physicians and Surgeons comprise one of the leading academic medical centers in the nation. NewYork-Presbyterian/Columbia provides state-of-the-art inpatient, ambulatory and preventive care in all areas of medicine, and is committed to educating and training future generations of health care professionals, as well as conducting basic research with the goal of translating discoveries into new therapies for fighting disease and improving health. NewYork-Presbyterian Hospital currently ranks sixth in U.S. News & World Report's "America's Best Hospitals" survey and is the only hospital in the New York, New Jersey and Connecticut metropolitan region to be listed on its prestigious Honor Roll.

Addressing the
Complexity of Lower
Extremity Mobility

Foot and Ankle Service

The foot and ankle is a complex structure with 26 bones and 26 joints working in unison. When operating on the foot or ankle, the orthopaedic surgeon must consider the ramifications for all joints to ensure the foot remains straight and flexible. Surgery can be further complicated in that the foot has very limited soft tissue. A paucity of skin and fat increases the risk for complications with healing, including scarring and infection. Therefore, a very important goal of foot and ankle reconstructive surgery, whether it's primary or revision, is preserving soft tissue.

Orthopaedic foot and ankle surgeon Justin K. Greisberg, MD, specializes in the diagnosis and treatment of the range of problems that can affect bones, joints, and muscles of the foot and ankle composition, including:

- degenerative and post-traumatic arthritis
- tendon problems
- congenital or acquired foot deformities, including pes planovalgus (flat foot) and pes cavus (high arches)
- neuromuscular deformities, such as the sequelae of polio or Charcot-Marie-Tooth disease
- difficult lower extremity fractures
- osteochondral injuries
- athletic injuries, including stress fractures and ankle instability
- infections
- diabetic foot problems

Dr. Greisberg has extensive training and experience with the most complex reconstructive surgeries, including limb realignment, diabetic reconstruction, and primary and revision total ankle replacement; arthroscopic procedures; and use of the latest medications, braces, and orthotics to ensure an optimal recovery. He works in concert with orthopaedic anesthesiologists, who provide regional anesthesia, making the procedures safe and ensuring the best possible postoperative pain management. He frequently treats fractures without surgery, but he also believes an aggressive surgical approach is appropriate in some cases to avoid later complications.

Justin K. Greisberg, MD

Orthopaedic Foot and Ankle Specialist



A graduate of Yale University and Albert Einstein College of Medicine, Dr. Justin Greisberg completed his orthopaedic residency followed by a

fellowship in orthopaedic trauma at Rhode Island Hospital/Brown University in Providence. He then pursued a second subspecialty fellowship in foot and ankle surgery at Harborview Medical Center in Seattle.

TRANSLATING RESEARCH INTO PRACTICE

The Foot and Ankle Service is involved with many areas of research, with a particular focus on investigating the causes of post-traumatic arthritis at the molecular level, as well as methods of preventing arthritis that can result from complex fractures in the lower extremity joints. Dr. Greisberg is conducting several research trials in both foot and ankle procedures and trauma surgery.

Dr. Greisberg, an Assistant Professor at Columbia University College of Physicians and Surgeons, is a member of the American Orthopaedic Foot and Ankle Society, the Orthopaedic Trauma Association, and the American Academy of Orthopaedic Surgery. Active in education and training of residents at Columbia, Dr. Greisberg also serves on the Education Committee of the Foot and Ankle Society. He has just completed a new textbook, Current Knowledge in Orthopaedics: Foot and Ankle, has authored numerous peer-reviewed articles, and is frequently invited to lecture on complex problems of the foot and ankle.

Office: **(212) 305-5604**

Appointments: **(212) 305-4565**

Surgical Scheduling & Precertifications: **(212) 305-0622**

OUTSTANDING CARE FOR ORTHOPAEDIC CONDITIONS

NewYork-Presbyterian Columbia Orthopaedics provides care through services focused on the following specialty areas:

- Foot and Ankle
- Hand and Microvascular
- Hip and Knee
- Pediatric Orthopaedics
- Shoulder, Elbow and Sports Medicine
- Spine
- Sports Therapy
- Trauma
- Tumor and Bone Disease

AT THE FOREFRONT OF RESEARCH

The department's Center for Orthopaedic Research investigates novel therapeutic concepts through translational studies that bridge basic science and clinical practice. Current and prior research activities include research on the molecular pathophysiology of shoulder rotator cuff disorders, molecular mechanism of osteolysis, osteoblast biology, sarcoma research, molecular mechanism of bone regeneration, normal function of diarthrodial joints, osteochondral healing, and growth plate abnormalities.

DECADES OF DISTINCTION

The origins of NewYork-Presbyterian Columbia Orthopaedics date back to the founding of the New York Orthopaedic Hospital, which opened in the mid-1800s to treat needy children afflicted by diseases of the musculoskeletal system. In 1950, New York Orthopaedic Hospital — which is also home to one of the nation's oldest orthopaedic training programs — joined Columbia Presbyterian Medical Center, now NewYork-Presbyterian/Columbia, in upper Manhattan.

Over the years, our surgeons have advanced the discipline through pioneering work and groundbreaking research in the diagnosis and treatment of orthopaedic conditions. Their achievements have profoundly influenced the techniques that are today helping to restore mobility and function to patients of all ages.

Affiliated with Columbia University College of Physicians and Surgeons, one of the most prestigious medical schools in the country, NewYork-Presbyterian Columbia Orthopaedics remains dedicated to providing the highest quality musculoskeletal care, pursuing innovative research, and training top orthopaedic surgeons of the future.