



## Justin A. Rennard, MD

### Bio

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Dr. Justin Rennard was born in Houston, Texas. He completed his undergraduate studies at the University of Missouri, where he earned a degree in biology.

After his undergraduate years, he worked as a medical assistant for two years before attending medical school. He received his medical training at St. George's University, where he graduated summa cum laude and was a member of the Iota Epsilon Alpha Honor Medical Society. Upon completing medical school, he returned to Houston, Texas, to pursue his orthopedic surgery residency.

Dr. Rennard then moved to North Carolina for his fellowship, where he specialized in foot and ankle surgery at the OrthoCarolina Ankle Institute.

He is a passionate orthopedic specialist who enjoys teaching, staying active, traveling, and spending quality time with his loved ones. Dr. Rennard is spontaneous, adventurous, and loves meeting new people.

### LOCATIONS

- Belmont
- Gastonia

### CLINICAL SPECIALTIES

- Foot & Ankle
- Specialties

### Education

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- University of Missouri - Columbia - Bachelors of Science
- St. George's University - Doctor of Medicine
- University of Texas Health Science Center - Houston - Internship
- University of Texas Health Science Center - Houston - Orthopedic Residency
- Orthocarlolina Foot and Ankle Institute - Fellowship

### Practice

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#### Professional Societies:

American College of Orthopedic Surgeons

- AO North America
- American Orthopedic Foot and Ankle Society
- American Medical Association

### **CLINICAL INTERESTS:**

- Arthritis management of the foot and ankle
- Ankle replacementAnkle fusion
- Midfoot/Hindfoot fusions

### **Trauma**

- Complex trauma of the lower extremity
- Post-traumatic foot/ankle reconstruction
- Trauma and acute fracture care of foot/ankle
- Avascular necrosis (AVN)Post-traumatic foot/ankle arthritis treatment
- Stress fracture foot/ankle treatment

### **Sports**

- Foot/ankle sports medicine/arthroscopy
- Athletic injuries to foot/ankle
- Cartilage preservation
- OCD treatment
- Ligament repair
- Achilles tendonitis and injuryAnkle instability
- Arch conditions
- Flatfoot correction
- High-arched feet (cavovarus) correction
- Foot/ankle and lower extremity (tibia) deformity correction
- Limb Salvage
- Limb Lengthening
- Spatial Frame (Ilizarov)Neuromuscular conditions
- Charcot-Marie-Tooth
- Foot Drop
- Stroke-related Foot and Ankle Disorders
- Spastic Disorders
- Tendon Transfers
- Paralytic conditions/drop foot/deformityTendon transfers
- Reconstruction
- Forefoot reconstruction
- Hallux rigidus
- Bunion correction, including minimally invasive techniques (MIS)
- Hammertoe correction
- Rheumatoid forefoot correction

- Congenital foot/ankle correction
- Charcot foot/ankle treatment

## Awards

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- Resident Research Award – Western Orthopedic Association 2022
- American Foot and Ankle Society Resident Scholar 2021 - 2022
- Graduated Magna Cum Laude - St. George's University 2018
- Iota Epsilon Alpha International Honor Medical Society. 2014 - 2018
- Morris Alpert Scholarship, St. George's University SOM 2015 - 2018
- St. George's University SOM Dean's list (all possible semesters)2014 - 2015
- Dean's List University of Missouri - Columbia 2008 - 2012
- Phi Sigma Pi National Honor Fraternity 2009 - 2012
- Mizzou Heritage Scholarship – University of Missouri, Columbia 2008

## Research

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### PUBLICATIONS:

Rennard, Justin MD<sup>1</sup>; Rogers, Nathan MD<sup>1</sup>; Achor, Timothy MD<sup>1</sup>; et al. The Impact of MRI on the Diagnosis of High-Energy Ipsilateral Femoral Neck and Shaft Fractures, Journal of Orthopaedic Trauma: June 04, 2021

### ABSTRACTS/PRESENTATIONS:

Incidence of Compartment Syndrome in Tibia Fractures After Staged Internal Fixation. Presentation. American Academy of Orthopedic Surgeons Annual Meeting 2022. University of Texas Research Day. 2021.

Early Axial Interfragmentary Motion and its Impact on the Fracture Healing Environment: A Scoping Review. Research Appreciation Day – University of North Texas Health Science Center. 2022

Use of Staples for Open Reduction Internal Fixation of Lisfranc Injuries: Is it safe and effective? Presentation. University of Texas Research Day. 2021.

Comparing Operative Time and Cost Between Staple and Screw Fixation in Lisfranc Injuries. Presentation. University of Texas Research Day. 2021. Poster. Western Orthopedic Association. 2022.

High Energy Ipsilateral Femoral Neck/Shaft Fracture Morphology: An Update Using MR. Abstract. Western Orthopedic Association. 2020.

Is provisional reduction and percutaneous pinning of traumatic midfoot, and hindfoot injuries, safe and effective? Abstract. Western Orthopedic Association. 2019.

A Retrospective Assessment of Open and Closed Reduction in Adults with Femoral Neck Fractures. Abstract. Western Orthopedic Association. 2019.

#### **RESEARCH IN PROGRESS/PENDING PUBLICATION:**

Comparing Operative Time and Cost Between Staple and Screw Fixation in Lisfranc Injuries.

Is provisional reduction and percutaneous pinning of traumatic midfoot, and hindfoot injuries, safe and effective?

Use of Staples for Open Reduction Internal Fixation of Lisfranc Injuries: Is it safe and effective?

Incidence of Compartment Syndrome in Tibia Fractures After Staged Internal Fixation.

Evaluating Interfragmentary Motion in Tibial Shaft Fractures after Fixation with an Intramedullary Nail.

Effect of Novel Oral Anticoagulation on Elderly Patients with Hip Fractures.

Comparing MRI to CT capsular sign in detection of Nondisplaced Femoral Neck Fractures