



## Samuel E. Ford, MD

### Bio

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Dr. Ford returned to Charlotte in 2020 after finishing his subspecialty orthopedic training with the Foot & Ankle section of Orthopaedic Associates of Dallas. Dr. Ford was raised in Birmingham, AL, but spent his undergraduate, internship, and residency training in North Carolina.

**P: 704.323.3668**

#### Patient Rating:

4.9 out of 5 Stars

### LOCATIONS

- Belmont
- Foot & Ankle Institute
- South Park

### CLINICAL SPECIALTIES

- Foot & Ankle
- Foot
- Specialties

### Education

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- **Wake Forest University** - *B.S. in Biology with Honors*
- **University of Alabama School of Medicine** - *Doctor of Medicine*
- **Atrium Musculoskeletal Institute & OrthoCarolina** - *Orthopaedic Surgery Residency*
- **Baylor Scott & White Orthopaedic Associates of Dallas** - *Foot & Ankle Orthopaedic Surgery Fellowship*

### Practice

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#### Arthritis of the Foot and Ankle

- Ankle Replacement
- Total Talus Replacement
- Ankle, Hindfoot, and Midfoot Fusions
- Avascular Necrosis (Osteonecrosis)

#### Arch Deformity

- Flatfeet (Planovalgus)
- High-Arched Feet (Cavovarus, Charcot-Marie Tooth)

#### Adolescent Foot & Ankle Conditions

- Tarsal Coalitions
- Residual/Long-Term Clubfoot Manifestations

## **Trauma & Fracture Management**

- Tibia, Fibula, Ankle, and Pilon fractures
- Calcaneus fractures
- Talus fractures
- Navicular fractures
- Lisfranc and Metatarsal fractures
- Post-Traumatic Arthritis

## **Limb Salvage**

- Deformity Evaluation, Management, and Correction
- Limb Lengthening
- Ilizarov Static and Spatial Frames
- Charcot Reconstruction

## **Forefoot Reconstruction**

- Bunion Correction
- Minimally Invasive Bunion Correction
- Hammertoe Correction
- Great Toe Arthritis (Hallux Rigidus)

## **Sports and Cartilage Injuries**

- Athletic Injuries and Rehabilitation
- Arthroscopic Surgery
- Osteochondral (OCD) Injuries
- Ankle Instability
- Achilles Tendonitis, Tears, and Reconstruction
- Ligament and Tendon Injuries and Reconstruction
- Stress Fractures

## **Paralytic Conditions, Lower Extremity Weakness, and Foot Drop**

- Bracing
- Tendon Transfers
- Ankle and Hindfoot Fusion

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- Dr. Ford is an orthopedic surgeon specializing in the diagnosis and treatment of the Foot and Ankle

## **Awards**

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- 2012 - University of Alabama School of Medicine Frank Fitts, Jr. academic merit scholarship
- 2013 - Richard Devore Carter, M.D. academic merit scholarship
- 2013 - Gold Humanism Honory Society Member
- 2013 - Alpha Omega Alpha Honor Medical Society Member
- 2014 - William R. Shamblin, M.D. Surgery Award (single recipient)
- 2014 - University of Alabama School of Medicine Medial Alumni Association Leadership & Community Service Award (single recipient)
- 2014 - University of Alabama School of Medicine Outstanding Patient Communication Award (single recipient)
- 2016 - International Pediatric Orthopaedic Symposium Resident Scholarship
- 2017 - American Orthopaedic Foot and Ankle Society Resident Scholarship
- 2017 - American Society for Surgery of the Hand 72nd Annual Meeting Best Video Award for “Huber Transfer for Opposition in Thumb Hypoplasia”

## Research

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### Peer-Reviewed Publications

- **Ford SE**, Adair CR, Cohen BE, Davis WH, Ellington JK, Jones CP, Anderson RB. Intermediate-Term Efficacy, Outcomes, and Alignment following Isolated Fibular Sesamoidectomy via a Plantar Approach. *Foot Ank Int.* 2019;40(12):1375-1381. DOI: 10.1177/1071100719868734. PMID: 31434509.
- 2018 **Ford SE**, Cohen BE, Davis WH, Jones CP. Midfoot Charcot Reconstruction with Intramedullary Beaming: Clinical Outcomes and Complications. *Foot Ank Int.* 2018: *E Pub ahead of Print.* DOI: 10.1177/1071100718799966. PMID: 30284492
- 2018 **Ford SE**, Kwon JY, Ellington JK. Tibiotalocalcaneal Arthrodesis Utilizing a Titanium Intramedullary Nail with an Internal Pseudoelastic Nitinol Compression Element: A Retrospective Case Series of 33 Patients. *J Foot Ank Surg.* 2018: *Accepted, In Press.*
- 2018 **Ford SE**, Andersen JS, Macknet DM, Connor PM, Loeffler BJ, Gaston RG. Major Complications after Distal Biceps Tendon Repairs: a Retrospective Cohort Analysis of 970 Cases. *J Shoulder Elbow Surg.* 2018;27(10):1898-1906. DOI: 10.1016/j.jse.2018.06.028. PMID: 30139681.
- 2018 Schipper ON, **Ford SE**, Moody PW, Ellington JK. New Generation Nitinol Compression Staples for Hindfoot and Midfoot Arthrodeses. *Foot Ank Int.* 2018;39(2):172-179. DOI: 10.1177/1071100717737740. PMID: 29111111

29073772.

- 2017 **Ford SE**, Scannell BP. Pediatric Flatfoot: Pearls and Pitfalls. *Foot Ank Clin.* 2017;22(3):643-656. DOI: 10.1016/j.fcl.2017.04.008. PMID: 28779814.
- 2017 **Ford SE**, Ellington JK. Management of Distal Tibial Metaphyseal Bone Defects with an Intramedullary Nitinol Scaffold – a Novel Technique. *Foot Ankle Spec.* 2017;10(4):368-371. DOI: 10.1177/1938640016679708. PMID: 27872380.
- 2016 **Ford SE**, Patt, JC, Scannell BP. A comprehensive, high-quality orthopedic intern surgical skills program. *J Surg Ed.* 2016;73(4):533-8. DOI: 10.1016/j.jsurg.2016.03.008. PMID: 27142722.
- 2014 **Ford SE**, Brandwein-Gensler M, Carroll WR, Rosenthal EL, Magnuson JS. Transoral robotic versus open surgical approaches to oropharyngeal squamous cell carcinoma by human papillomavirus status. *Otolaryngol Head Neck Surg.* 2014;151(4):606-11. DOI: 10.1177/0194599814542939. PMID: 25049265.
- 2013 Patel SA, Magnuson JS, Holsinger FC, [...], **Ford SE**, et al. Robotic Surgery for Primary Head and Neck Squamous Cell Carcinoma of Unknown Site. *JAMA Otolaryngol Head Neck Surg.* 2013;139(11):1203-11. DOI: 10.1001/jamaoto.2013.5189. PMID: 24136446.
- 2013 White HN, **Ford SE**, Bush B, et al. Salvage Surgery for Recurrent Cancers of the Oropharynx: Comparing TORS with Standard Open Surgical Approaches. *JAMA Otolaryngol Head Neck Surg.* 2013;139(8):773-8. DOI: 10.1001/jamaoto.2013.3866. PMID: 23949352.

### Video Publications

- 2018 **Ford SE**, Cohen BE, Davis WH, Jones CP. Midfoot Charcot Reconstruction with Intramedullary Beaming: Surgical Technique. *Foot Ank Int.* 2018. *In Press.*
- 2017 **Ford SE**, JK Ellington. Ankle Block vs. Single-Shot Popliteal Fossa Block as Primary Anesthesia for Forefoot Operative Procedures: Prospective, Randomized Comparison. Online Journal Club Best of FAI 2017 – AOFAS Webinar – Charlotte, NC
- 2017 **Ford SE**, Cook S, Chadderdon RC, Gaston RG. Huber Transfer for Opposition in Thumb Hypoplasia. Video Theater – 2017 ASSH Annual Meeting – San Francisco, CA

### Podium Presentations

1. 2018 Schipper ON, **Ford SE**, Moody PM. Radiographic Results of Nitinol Compression Staples for Hindfoot and Midfoot Arthrodeses. OREF/ORS

Southeast Region Resident Research Symposium – Atlanta, GA

2. 2017-8 **Ford SE**, Andersen JS, Macknet DM, Connor PM, Loeffler BJ, Gaston RG. Major Complications after Distal Biceps Tendon Repairs: a Retrospective Cohort Analysis of 970 Cases.
  - Atrium Health - Carolinas Medical Center Orthopaedic Surgery Resident Research Day – Charlotte, NC
  - 2. OrthoCarolina Oscar Miller Day – Charlotte, NC
  - 3. American Association for Hand Surgery 2018 Annual Meeting – Phoenix, AZ
1. 2017-8 **Ford SE**, Cohen BE, Davis WH, Jones CP. Midfoot Charcot Reconstruction with Intramedullary Beaming: Clinical Outcomes and Complications.
  - Atrium Health - Carolinas Medical Center Orthopaedic Surgery Resident Research Day – Charlotte, NC
  - 2. AOFAS Specialty Day at the 2018 AAOS Annual Meeting – New Orleans, LA
- 2013 **Ford SE**, Brandwein-Gensler M, Carroll WR, Rosenthal EL, Magnuson JS. Transoral Robotic Surgery vs. Open Surgical Approaches to Oropharyngeal Squamous Cell Carcinoma by Human Papillomavirus Status. American Academy of Otolaryngology-Head & Neck Surgery Annual Meeting – Vancouver, BC, Canada
- 2013 Patel SA, Magnuson JS, Holsinger FC, [...], **Ford SE**, et al. Robotic Surgery for Primary Head and Neck Squamous Cell Carcinoma of Unknown Site. American Head & Neck Society International Conf. – Orlando, FL
- 2012 White HN, **Ford SE**, Bush B, et al. Salvage Surgery for Recurrent Cancers of the Oropharynx: Comparing TORS with Standard Open Surgical Approaches. American Head & Neck Society International Conf. – Toronto, ON, Canada

### Poster Presentations

- 2018 **Ford SE**, Andersen JS, Macknet DM, Connor PM, Loeffler BJ, Gaston RG. Major Complications after Distal Biceps Tendon Repairs: a Retrospective Cohort Analysis of 970 Cases.
  - 1. AAOS Annual Meeting 2018, Shoulder & Elbow Sessions – New Orleans, LA
  - 2. American Society for Surgery of the Hand Annual Meeting 2018 – Boston, MA
- 2017-8 **Ford SE**, Ellington JK. Tibiototalcaneal Arthrodesis Utilizing a Titanium Intramedullary Nail with an Internal Pseudoelastic Nitinol

#### Compression Element.

- 1. American Orthopaedic Foot & Ankle Society Annual Meeting 2017 – Seattle, WA
- 2. AAOS Annual Meeting 2018, Foot & Ankle Sessions – New Orleans, LA
- 2017 Jones CP, **Ford SE**, Cohen BE, Davis WH. Midfoot Charcot Reconstruction with Intramedullary Beaming: Clinical Outcomes and Complications. AOFAS Annual Meeting – Seattle, WA
- 2012 White HN, **Ford SE**, Bush B, et al. Salvage Surgery for Recurrent Cancers of the Oropharynx: Comparing TORS with Standard Open Surgical Approaches. UASOM Medical Student Research Day – Birmingham, AL

#### Grand Rounds Presentations

- 2018 Total Ankle Arthroplasty in the Modern Era, Atrium Health - Carolinas Medical Center Orthopaedic Surgery Grand Rounds – Charlotte, NC
- 2017 Deltoid Ligament Injury: When and How Should we Intervene?, Atrium Health - Carolinas Medical Center Orthopaedic Surgery Grand Rounds – Charlotte, NC
- 2017 Venous Thromboembolism Prophylaxis: Update in Orthopaedic Surgery, Atrium Health - Carolinas Medical Center Orthopaedic Surgery Grand Rounds – Charlotte, NC
- 2016 Advances in the Management of Scaphoid Nonunions, Atrium Health - Carolinas Medical Center Orthopaedic Surgery Grand Rounds – Charlotte, NC
- 2016 Orthopaedic Manifestations of Sickle Cell Hemoglobinopathies, Atrium Health - Carolinas Medical Center Orthopaedic Surgery Grand Rounds – Charlotte, NC
- 2015 Radial Head and Neck Fractures, Atrium Health - Carolinas Medical Center Orthopaedic Surgery Grand Rounds – Charlotte, NC