

Dr Badell Research/Publications

## **Journal Publications**

### *Journal of Foot and Ankle Surgery-Pending*

- Union Rates Following Power Rasp Joint Preparation for Foot and Ankle Arthrodesis: A Retrospective Study of 418 Fusions

### *Journal of Foot and Ankle Surgery-Pending*

- Iatrogenic Medial Malleolar Fracture and Stress Fracture Considerations in Total Ankle Joint Replacement: A Multicenter Retrospective Study

### *Journal of Foot and Ankle Surgery-Pending*

- Algorithmic Approach to Patients with Metal Allergy in Foot and Ankle Surgery

### *Techniques in Foot and Ankle Surgery-Pending*

- Endoscopic Repair of Chronic Interstitial Plantar Fascia Tears: A Novel Technique

### *Podiatry Today*

- Subcutaneous Verrucous Carcinoma of the Plantar Calcaneus: A Case Report

### *Podiatry Today*

- Impact of Nanocrystalline Hydroxyapatite Bone Graft Substitute on Osseous Union Rates in Foot and Ankle Surgery

### Pending Publication

- Results and Complication Rate with Pre-operative Ultrasonographic Superficial Peroneal Nerve Mapping in Patients Undergoing Ankle Arthroscopy

### Pending Publication

- Incision Healing and Time to Weightbearing With and Without Use of Adhesive Retention Suture Device in Total Ankle Arthroplasty

### Pending Publication

- Incidence of Interstitial Plantar Fascial Tears in Patients with Heel Pain

### *Journal of Foot and Ankle Surgery*

- Two-Year Outcomes After Total Ankle Replacement with a Novel Fixed-Bearing Implant

### *Journal of Foot and Ankle Surgery*

- Operative Time, Cost, and Union Rate of Power Rasp Joint Preparation vs Traditional Preparation in Arthrodesis of the Foot and Rearfoot

*Journal of Foot and Ankle Surgery*

- Post-Operative Magnetic Resonance Evaluation of the Anterior Talofibular Ligament following Arthroscopic Brostrom Procedure: Analysis and Outcomes of 40 Repairs at 12 Months

*Journal of Foot and Ankle Surgery FASTRAC*

- Metal Allergy and the Use of Custom Implants in Primary Total Ankle Replacement

*Clinics in Podiatric Medicine and Surgery*

- Management of Talar AVN with Total Talus

*Journal of Foot and Ankle Surgery FASTRAC*

- Atraumatic Compartment Syndrome of the Leg Caused by Undiagnosed Acquired Hemophilia A

**Clinical Trial Research**

Hintermann Series H3 Total Ankle Replacement System

- Post Approval Study 2
- Primary Investigator
- Protocol Number: NCT04770870

BoneSupport AB Cerament Bone Void Filler

- Device Registry
- Sub-Investigator
- Protocol Number: NCT04244942

**Scientific Posters**

*ACFAS Annual Conference-Phoenix, AZ*

- All Arthroscopic Brostrom Repair using Bio-inductive Biocomposite Scaffold Graft

*ACFAS Annual Conference-Phoenix, AZ*

- Outcomes and Complication Rate with Pre-operative Ultrasonographic Superficial Peroneal Nerve Mapping in Patients Undergoing Ankle Arthroscopy

*ACFAS Annual Conference-Phoenix, AZ*

- Endoscopic Repair of Interstitial Plantar Fascia Ligament Tears: A Novel Technique

*ACFAS Annual Conference-Phoenix, AZ*

- Correlation of Plantar Fascia Thickness and Interstitial Tearing

*ACFAS Annual Conference-Phoenix, AZ*

- Incidence of Interstitial Plantar Fascial Tears in Patients with Heel Pain

*ACFAS Annual Conference-Phoenix, AZ*

- Union Rates Following Power Rasp Joint Preparation for Foot and Ankle Arthrodesis: A Retrospective Study of 418 Fusion Attempts

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Impact of Nanocrystalline Hydroxyapatite Bone Graft Substitute on Osseous Union Rates in Foot and Ankle Surgery

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Incision Healing and Time to Weightbearing With and Without Use of Adhesive Retention Suture Device in Total Ankle Arthroplasty

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Iatrogenic Medial Malleolar Fracture and Stress Fracture Considerations in Total Ankle Joint Replacement: A Multicenter Retrospective Study
- 1<sup>st</sup> Place Award-Scientific Poster Competition

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Use of a Novel Biointegrative Screw and Staple Construct for 1st Metatarsophalangeal Joint Arthrodesis in Patient with Multiple Documented Metal Allergies: A Case Report

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Update: Two-Year Outcomes After Total Ankle Replacement with a Novel Fixed-Bearing Implant

*ACFAS Annual Conference-Tampa, FL*

- Post-Operative Magnetic Resonance Evaluation of Anterior Talofibular Ligament following Arthroscopic Brostrom Procedure: Analysis and Outcomes of 40 Repairs at 12 Months

*ACFAS Annual Conference-Tampa, FL*

- Update: Two-Year Outcomes After Total Ankle Replacement with a Novel Fixed-Bearing Implant

*ACFAS Annual Conference-Tampa, FL*

- Metal Allergy and Use of Custom Implants in Primary Total Ankle Replacement

*ACFAS Annual Conference-Tampa, FL*

- Incision Healing and Time to Weightbearing with and without use of Adhesive Suture Retention Device in Total Ankle Arthroplasty

*ACFAS Annual Conference-Tampa, FL*

- Iatrogenic Medial Malleolus Fracture and Stress Fracture Considerations in Total Ankle Joint Replacement: A Multicenter Retrospective Study

*ACFAS Annual Conference-Los Angeles, CA*

- 5 Year Outcomes of the “All-Inside” Arthroscopic Brostrom Repair in 66 patients: A Retrospective Analysis

*ACFAS Annual Conference-Los Angeles, CA*

- Two-Year Outcomes After Total Ankle Replacement with a Novel Fixed-Bearing Implant by a Single Surgeon Non-consultant or Inventor

*ACFAS Annual Conference-Los Angeles, CA*

- Dynamic Foot Model to Study the Syndesmotic Variation During the Rotation of the Ankle

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- 5 Year Outcomes of the “All-Inside” Arthroscopic Brostrom Repair in 66 Patients: A Retrospective Analysis

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Cobalt Free Custom Printed Total Ankle Implant in Patient with Metal Allergy
- 3<sup>rd</sup> Place Award-Scientific Poster Competition

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Post-Operative Magnetic Resonance Evaluation of Anterior Talofibular Ligament Following Arthroscopic Brostrom Procedure: Analysis and Outcomes of 40 Repairs at 12 Months

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Dynamic Foot Model to Study the Syndesmotic Variation during the Rotation of the Ankle

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Two-Year Outcomes After Total Ankle Replacement with a Novel Fixed-Bearing Implant

*Florida Science & Management Symposium (SAM)-Orlando, FL*

- Operative Time and Cost of Power Rasp Joint Preparation vs Traditional Joint Preparation in Arthrodesis of the Foot and Rearfoot

*ASPS Annual Conference-New Orleans, LA*

- 5 Year Outcomes of the “All-Inside” Arthroscopic Brostrom Repair in 66 patients: A Retrospective Analysis

*ASPS Annual Conference-New Orleans, LA*

- Mid-Term Outcomes of Endoscopic Debridement for Chronic Plantar Fasciitis: 5-year outcomes in 125 cases
- 3<sup>rd</sup> Place Award-Scientific Poster Competition

*ASPS Annual Conference-New Orleans, LA*

- Operative Time and Cost of Power Rasp Joint Preparation vs. Traditional Preparation in Arthrodesis of the Foot and Rearfoot

*ASPS Annual Conference-New Orleans, LA*

- Two-Year Outcomes After Total Ankle Replacement with a Novel Fixed-Bearing Implant

*Community Health Network Research Symposium*

- Subcutaneous Verrucous Carcinoma of the Plantar Calcaneus

*ACFAS Annual Conference-Austin, TX*

- Subcutaneous Verrucous Carcinoma of the Plantar Calcaneus

*ACFAS Annual Conference-Las Vegas, NV*

- Atraumatic Compartment Syndrome of the Leg Caused by Undiagnosed Acquired Hemophilia A
- ACFAS Great Lakes Region Award Recipient

*Community Health Network Research Symposium*

- Failed Triple Arthrodesis Converted to Tibiotalocalcaneal Arthrodesis as Salvage Procedure

*Community Health Network Research Symposium*

- Unusual Presentation of Myasthenia Gravis

**Academic Speaker/Lectures**

Matrix Medical Educational Lab

*Indianapolis, IN*

- Nanobone Bone Graft in Foot and Ankle Surgery

International Foot and Ankle Conference (IFAC)

*Miami Beach, FL*

- Rising Stars Roundtable Case Series

Alafair Biosciences Webinar Lecture Series

*Lakewood Ranch, FL*

- Versa Wrap in Foot and Ankle Surgery
- Surgeon Lecture

Alafair Biosciences Webinar Lecture Series

*Lakewood Ranch, FL*

- Versa Wrap in Foot and Ankle Surgery
- Distributor Lecture

Palm Beach County Toes in the Sand Conference

*West Palm Beach, FL*

- Ligament and Tendon Repair: The Convergence of Biomechanics Biomaterial and Technology

Florida Science and Management (SAM) Annual Conference

*Orlando, FL*

- Two-Year Outcomes After Total Ankle Replacement with a Novel Fixed-Bearing Implant

Florida Science and Management (SAM) Annual Conference

*Orlando, FL*

- Algorithm for Surgical Treatment of Foot and Ankle Pathology in Patients with Metal Allergy

Florida Science and Management (SAM) Annual Conference

*Orlando, FL*

- Updates in 3D Printing and Total Ankle Replacement

Florida Science and Management (SAM) Annual Conference

*Orlando, FL*

- Regenerative Medicine Therapy for Soft Tissue Conditions of the Foot and Ankle

Florida Science and Management (SAM) Annual Conference

*Orlando, FL*

- Joint Preparation Techniques for Foot and Ankle Arthrodesis

American College of Foot and Ankle Surgeons (ACFAS) Annual Conference

*Tampa, FL*

- Two-Year Outcomes After Total Ankle Replacement with a Novel Fixed-Bearing Implant

American College of Foot and Ankle Surgeons (ACFAS) Annual Conference

*Tampa, FL*

- Post-Operative Magnetic Resonance Evaluation of Anterior Talofibular Ligament following Arthroscopic Brostrom Procedure: Analysis and Outcomes of 40 Repairs at 12 Months

American College of Foot and Ankle Surgeons (ACFAS) Annual Conference

*Tampa, FL*

- Operative Time and Cost of Power Rasp Joint Preparation vs. Traditional Preparation in Arthrodesis of the Foot and Rearfoot

Esplanade Village Community Lecture

*Bradenton, FL*

- Foot and Ankle Arthritis and Pain

Florida Foot and Ankle Fellowship Society Web Lecture Series

*Sarasota, FL*

- Importance of Syndesmotic Stability in TAA Implant Selection

American College of Foot and Ankle Surgeons (ACFAS) Annual Conference

*Los Angeles, CA*

- Importance of Syndesmotic Stability in TAA Implant Selection

Florida Science and Management (SAM) Annual Conference

*Orlando, FL*

- Cobalt Free Custom Printed Total Ankle Implant in Patient with Metal Allergy

Indiana Podiatric Medical Association Annual Conference

*Indianapolis, IN*

- Deltoid Ligament Disruption in Ankle Fractures

Indiana Podiatric Medical Association Annual Conference

*Indianapolis, IN*

- Posterior Malleolus Fractures