

Collin G. Messerly, DPM

Work Address:

Town Center
Orthopaedics
1860 Town Center Dr.
Reston, VA 20190

Foot & Ankle Surgery

Collin.G.Messerly@gmail.com

Home Address:

2994 Henrys Fork Drive
Redding, CA 96002
Cell: 775-304-7812

Employment

Town Center Orthopaedic Associates
Reston Virginia, VA 20190
Start Date: August 2022

Education***Fellowship***

Northern California Reconstructive Foot and Ankle Fellowship
Redding, CA
Shasta Orthopedics and Sports Medicine
Director: Jason Nowak, DPM, FACFAS
July 2021–July 2022

Residency

Regions Hospital/HealthPartners Institute for Education & Research
St. Paul, MN
Foot & Ankle Surgical Residency (PMSR-RRA)
Director: Troy J. Boffeli, DPM, FACFAS
June 2018 – June 2021
Chief Resident 2020-2021

Post-graduate

Des Moines University, College of Podiatric Medicine & Surgery
Des Moines, IA
August 2014 – May 2018
American Podiatric Medical Association Educational Foundation Scholarship, 2017-2018
University Merit Scholar, 2014-2015

Undergraduate

University of Utah
Salt Lake City, UT
Bachelor of Science (BS)
August 2009 – December 2013

Scientific Research

Accepted for Publication

- Boffeli TJ, Messerly CG, Sorensen TK. "Ideal Angle of Upper and Lower Syndesmotric Fixation Based on Weightbearing CT Imaging in Uninjured Ankles." Published JFAS November 2020
- Boffeli TJ, Gorman C, Sorensen TK, Messerly CG, Chang HC. "Correction of Underlying Metatarsus Adductus When performing Lapidus Fusion for Hallux Valgus." Accepted August 2020
- Eastman D., Messerly, CG, Udupa T., Scott RT, "Non-Small Cell Lung Cancer Adenocarcinoma Metastasizing to the Talus: A Case Report" June 2021
- Messerly CG, Duelfer KA, Boffeli TJ, Sorensen TK. "Ideal Medial Malleolar Screw Length Based on the Tibial Epiphyseal Scar Location in Weight Bearing CT." JFAS January 2022

Submitted for Publication

- Boffeli TJ, Messerly CG, Sorensen TK. "Lateral Heel Imaging in Haglund's Deformity: A Retrospective Comparison to Determine Clinical Utility." Submitted March 2020
- Abben KW, Sorensen TK, Messerly CG, Chang HC. "Modified Midfoot fusion Addressing Intercuneiform Instability in Hallux Valgus Deformity." Submitted March 2020
- Sorensen TK, Messerly CG, Boffeli TJ, Abben KW, Lubek ZJ. "Are the Saphenous Nerve and Vein at Risk with Ankle Syndesmosis Repair: An MRI Assessment of Anatomy in Uninjured Ankles?"

Ongoing IRB Approved Research

- Boffeli TJ, Sorensen TK, Messerly CG. "Weightbearing CT to Assess Rearfoot and Ankle Alignment in Patients with Advanced DJD Being Considered for Ankle Replacement."
- Sorensen TK, Duelfer KA, Abben KW, Boffeli TJ, Messerly CG. "Distal Tibia Anatomic Bone Density and Its Role in Total Ankle Survivorship: A Retrospective Review of Consecutive Cases."

Non-Peer Reviewed Articles

- Messerly CG, Sorensen TK, Abben KW. "Treatment of Peroneal Spastic Flatfoot Deformity" *Minnesota Podiatric Physician Association Newsletter*. Winter 2019.
- ACFAS Scientific Literature Review. "Outcomes of Total Ankle Arthroplasty in Ankles with >20° of Coronal Plane Deformity." December 2019.
- ACFAS Scientific Literature Review. "Consideration of medial anatomical structures at risk when placing quadricortical syndesmotric fixation: A Cadaveric study." May 2020.
- Boffeli T., Sorensen TK., Messerly CG. "Lateral Oblique Heel Imaging in Haglund's Deformity: A Retrospective Comparison to Determine Clinical Utility." *Highlighted in Podiatry Today as Award Winning Research Volume 32 Issue 9*.

Oral Manuscript Presentations

Duelfer, K, Messerly C. Boffeli T. Sorensen, T.

Ideal Medial Malleolar Screw Length Based on the Tibial Epiphyseal Scar Location on CT's
American College of Foot and Ankle Surgeons 79th Annual Scientific Conference
Las Vegas, NV
May 18-21, 2021

Can Combined Deformity be Corrected with Isolated Lapidus Fusion: A case series

Virtual Midwest Podiatry Conference
Chicago, IL
October 29-31st, 2020

Ideal Medial Malleolar Screw Length Based on the Tibial Epiphyseal Scar Location in Weight Bearing CT

Minnesota Podiatric Medical Association: Twin Cities Annual Foot and Ankle Conference
St. Paul, MN
November 12, 2020

Can Combined Deformity be Corrected with Isolated Lapidus Fusion: A case series

Minnesota Podiatric Medical Association: Twin Cities Annual Foot and Ankle Conference
St. Paul, MN
November 14, 2019

Ideal Angle of Upper and Lower Syndesmotoc Fixation Based on Weightbearing CT Imaging in Uninjured Ankles

Minnesota Podiatric Medical Association: Twin Cities Annual Foot and Ankle Conference
St. Paul, MN
November 7, 2018

Scientific Poster Presentations

National

Messerly, C., Strand, G, Nowak, J, Cook, H "Total Ankle Algorithm in the Setting of Varus and Valgus Coronal Plane Deformity"

American College of Foot and Ankle Surgeons 79th Annual Scientific Conference
Austin, TX February 22-25, 2022

Sorensen, T, Sakow, C., Chang, H, Messerly, C., Boffeli, T, Abben K. "Midfoot Fusion for Correction and Maintenance of Hallux Valgus Deformity: A Comparison of Two Techniques"

American College of Foot and Ankle Surgeons 79th Annual Scientific Conference
Las Vegas, NV May 18-21, 2021

Messerly, C, Strand, G, Nowak, J, Herring, MD “Revision Total Ankle Arthroplasty with Tibial Stemmed Component Using Antegrade Tibial Reaming”

American College of Foot and Ankle Surgeons 79th Annual Scientific Conference
Las Vegas, NV May 18-21, 2021

Sorensen, TK, Messerly, CG, Boffeli, TJ, Lubek, ZJ, Abben KW, “Utilizing Magnetic Resonance Imaging to Assess Medial Neurovascular Structures at Risk with Ankle Syndesmotic Fixation”

American College of Foot and Ankle Surgeons 78th Annual Scientific Conference
San Antonio, TX February 19-22, 2020

Messerly, CG, Duelfer, KA, Boffeli, TJ, Sorensen TK, “Ideal Medial Malleolar Screw Length Based on the Tibial Epiphyseal Scar Location in Weightbearing CT’s”

American College of Foot and Ankle Surgeons 78th Annual Scientific Conference
San Antonio, TX February 19-22, 2020

Sorensen TK, Duelfer, KA, Abben KW, Boffeli, TJ Messerly, CG, “Distal Tibia Anatomic Bone Density and its Role in Total Ankle Survivorship: A Retrospective Review of Consecutive Cases”

American College of Foot and Ankle Surgeons 78th Annual Scientific Conference
San Antonio, TX February 19-22, 2020

Eastman D., Messerly, CG, Udupa T., Scott RT, “Non-Small Cell Lung Cancer Adenocarcinoma Metastasizing to the Talus: A Case Report”

American College of Foot and Ankle Surgeons 78th Annual Scientific Conference
San Antonio, TX February 19-22, 2020

Boffeli, TJ, Gorman, CM, Sorensen, TK. Messerly, CG, Chang HC, “Procedure Selection for Hallux Valgus Deformity with Underlying Metatarsus Adductus: Can Combined Deformity Be Corrected with Isolated Lapidus Fusion”

American College of Foot and Ankle Surgeons 78th Annual Scientific Conference
San Antonio, TX February 19-22, 2020

Boffeli, TJ, Messerly, CG, Sorensen, TK. “Ideal Angle of Upper and Lower Syndesmotic Fixation Based on Weightbearing CT Imaging in Uninjured Ankles”

American College of Foot and Ankle Surgeons 77th Annual Scientific Conference
New Orleans, LA February 14-17, 2019
1st Place Winner in Scientific Poster Competition

Boffeli, TK, Sorenson, TK, Messerly,CG, Johnson, AO. “Weightbearing CT to Assess Rearfoot and Ankle Alignment in Patients with Advanced DJD Being Considered for Ankle Replacement”

American College of Foot and Ankle Surgeons 77th Annual Scientific Conference
New Orleans, LA February 14-17, 2019

Boffeli, TJ, Sorenson, TK, Messerly, CG. “Lateral Heel Imaging in Haglund’s Deformity: A Retrospective Comparison to Determine Clinical Utility”

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Boffeli, TJ, Messerly, CG, Sorensen, TK. "Ideal Angle of Upper and Lower Syndesmotric Fixation Based on Weightbearing CT Imaging in Uninjured Ankles"

APMA 2019 Annual Scientific Meeting the National
Salt Lake City, UT July 11-14, 2019

Boffeli, TJ, Sorenson, TK., Messerly, CG, Johnson, AO. "Weightbearing CT to Assess Rearfoot and Ankle Alignment in Patients with Advanced DJD Being Considered for Ankle Replacement"

APMA 2019 Annual Scientific Meeting the National
Salt Lake City, UT July 11-14, 2019

Boffeli, TJ, Sorenson, TK., Messerly, CG. "Lateral Heel Imaging in Haglund's Deformity: A Retrospective Comparison to Determine Clinical Utility"

APMA 2019 Annual Scientific Meeting the National
Salt Lake City, UT July 11-14, 2019
3rd Place Winner Large Case Study Scientific Poster

Messerly, CG, Greenhagen, R. Messerly, TE. Sorensen, TK. "A Severe Infection in the Diabetic Foot Involving Carbapenam-Resistant Enterococci and Methicillin-Resistant Staphylococcus Aureus; A Case Report"

APMA 2019 Annual Scientific Meeting the National
Salt Lake City, UT July 11-14, 2019

Regional

Baril, T MD. Messerly, C DPM, Wongjarupong, N MD, Wojciech, K MD. "To Transfuse or Not to Transfuse: A Unique Case of Autoimmune Hemolytic Anemia"

American College of Physicians Regional Meeting
Minneapolis, MN November 9, 2019

Sorensen, TK, Messerly, CG, Boffeli, TJ, Lubek, ZJ, Abben KW, "Utilizing Magnetic Resonance Imaging to Assess Medial Neurovascular Structures at Risk with Ankle Syndesmotric Fixation"

Virtual Midwest Podiatry Conference
Chicago, IL October 29-31st 2020

Messerly, CG, Duelfer, KA, Boffeli, TJ, Sorensen TK, "Ideal Medial Malleolar Screw Length Based on the Tibial Epiphyseal Scar Location in Weightbearing CT's"

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Chicago, IL October 29-31st 2020

Sorensen TK, Duelfer, KA, Abben KW, Boffeli, TJ Messerly, CG, "Distal Tibia Anatomic Bone Density and its Role in Total Ankle Survivorship: A Retrospective Review of Consecutive Cases"

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Chicago, IL October 29-31st 2020

Boffeli, TJ, Gorman, CM, Sorensen, TK. Messerly, CG, Chang HC, "Procedure Selection for Hallux Valgus Deformity with Underlying Metatarsus Adductus: Can Combined Deformity Be Corrected with Isolated Lapidus Fusion"

Virtual Midwest Podiatry Conference
Chicago, IL October 29-31st 2020

Presentations/Lectures

Institutional

Surgical Site Infections in Elective Surgery with UTI in the Elderly Patient

Grand Rounds -Regions Hospital/ HealthPartners Institute for Education and Research
St. Paul, MN
June 18, 2018

Is Radiofrequency Treatment for Plantar Fasciitis Beneficial

Grand Rounds -Regions Hospital/ HealthPartners Institute for Education and Research
St. Paul, MN
July 18, 2018

Common Surgical Indications

Regions Hospital Foot & Ankle Department, Grand Rounds
St. Paul, MN
August 25, 2018

Perioperative Management

Regions Hospital Foot & Ankle Department, Nurse Lecture In-service
St. Paul, MN
September 15, 2018

Syndesmotic Injuries: A Case Series

ACFAS on the Road Workshop
St. Paul, MN
October 7, 2018

Limb Salvage in Patients with Frostbite

Regions Hospital Foot & Ankle Clinic, Nurse Lecture In-service
St. Paul, MN
March 16, 2019

A Case Study of Necrotizing Fasciitis

Regions Hospital Foot & Ankle Department Staff Meeting
St. Paul, MN
March 21, 2019

Solid vs. Cannulated Screw Fixation in Jones Fracture

Tria Orthopedics- Grand Rounds
St. Paul, MN

November, 2019

Total Ankle Arthroplasty in the Setting of Multiple Hind foot Coalitions
Tria Orthopedics- Grand Rounds
St. Paul, MN
February, 2021

5th Metatarsal Base Fracture/ non-unions
Tria Orthopedics- Grand Rounds
St. Paul, MN
March, 2021

Awards

Top 10 Finalist in Scientific Manuscript Competition

Messerly, C., Boffeli, T., Gorman, C., Sorensen T.
Correction of Metatarsus Adductus with Lapidus Fusion
Virtual Midwest Podiatry Conference
October 29-31, 2020

1st Place Winner in Scientific Poster Competition

Boffeli, TJ, Messerly, CG, Sorensen, TK. "Ideal Angle of Upper and Lower Syndesmotric Fixation Based on Weightbearing CT Imaging in Uninjured Ankles"
American College of Foot and Ankle Surgeons 77th Annual Scientific Conference
New Orleans, LA
February 14-17, 2019

3rd Place Winner Large Case Study Scientific Poster

Boffeli, TJ, Sorensen, TK, Messerly, CG. "Lateral Heel Imaging in Haglund's Deformity: A Retrospective Comparison to Determine Clinical Utility"
APMA 2019 Annual Scientific Meeting the National
Salt Lake City, UT
July 11-14, 2019

Medical Leadership / Committees

Residency

- Chief Resident 2020-2021
- Lead Developer Pre-Operative Surgery Planning Protocol, February 2020-Present
- Lead Developer Post-Operative Care Protocol, February 2020- Present
- Co-Lead Developer Total Ankle Arthroplasty Preoperative Evaluation & Planning, July 2018-present
- Graduate Medical Education Committee, July 2018-July 2020
- Foot & Ankle Surgery Externship Coordinator, July 2018-2020

Podiatric Medical School

- Des Moines University Student Ambassador, 2014-2018
- American Podiatric Medical Student Association, House of Delegates, 2015-2018
- College of Podiatric Medicine & Surgery Interview Committee, 2015-2016
- Surgical Skills Lab Teaching Assistant, January 2015-2016
- Physical Diagnosis Teaching Assistant, 2015-2016

Professional Organizations

- American College of Foot & Ankle Surgeons (ACFAS), Resident Member
- American Podiatric Medical Association (APMA), Resident Member
- Minnesota Podiatric Medical Association (MPMA), Resident Member
- American Society of Podiatric Surgeons (ASPS), Resident Member

Specialty Training

Cadence Total Ankle Arthroplasty Lab

St. Paul, MN

December 12th, 2020

Wright Total Ankle Arthroplasty Lap- Infinity/ Prophecy

Kyle Abben, DPM, FACFAS

Bloomington, MN

September 28th, 2020

ACFAS Arthroscopy Course

ACFAS Faculty

Chicago, IL

August 30-31st, 2020

Arthrosurface Joint Resurfacing Lab

Kyle Abben, DPM, FACFAS

St. Louis Park, MN

February 24, 2020

Stryker Orthopedics DPM Intermediate Resident Course

Matt Sorensen DPM, FACFAS

Dallas, TX

November 1, 2019

Wright Medical Cadaver Lab

Tria Orthopedic Center

Bloomington, MN

October 21, 2019

Synthes External Fixation Lab

Regions Hospital
St. Paul, MN
October 2, 2019

Minnesota Arthroscopy & Sports Medicine Course
Glenn Weinraub, DPM, FACFAS
Mendota Heights, MN
August 24, 2019

Stryker Total Ankle Arthroplasty Cadaver Lab
Dr. Kyle Abben, DPM, FACFAS
Bloomington, MN
August 6, 2019

Zimmer Biomet InCore Lapidus and Subchondroplasty Lab
Alan Ng, DPM, FACFAS
St. Paul, MN
November 10, 2018

Wright Industries Hardware Lab
Regions Hospital
St. Paul, MN
October 23, 2018

Arthrosurface Joint Resurfacing Lab
Dr. Kyle Abben, DPM, FACFAS
St. Paul, MN
October 2, 2018

Zimmer Biomet Foot and Ankle Lab- Total Ankle & InCore Lapidus
Tria Orthopedic Center
Troy Boffeli, DPM, FACFAS
Bloomington, MN
August 14, 2018

Stryker External Fixation Lab
Regions Hospital
St. Paul, MN
August 8, 2018

Arthrex: Syndesmosis Tightrope, Internal Brace and Forefoot Procedure Lab
Kyle Abben, DPM, FACFAS
St. Paul, MN
May 16, 2018

Board & Certification Exams

American Board of Podiatric Medicine (ABPM)

Certified Expires 8/31/2028

American Board of Foot and Ankle Surgery (ABFAS)

Forefoot Qualified- Expires 8/31/2028

Rearfoot Qualified- Expires 8/31/2028

References

Jason Nowak, DPM FACFAS

Fellowship Director- Shasta Orthopaedics

Email: Jason.d.nowak@gmail.com

Cell: 920-450-7370

Troy J. Boffeli, DPM FACFAS

Residency Director, Regions Hospital/HealthPartners Institute for Education & Research

Email: Troy.J.Boffeli@HealthPartners.com

Tel: 651-254-8333

Cell: 651-357-6676

Garret Strand, DPM AACFAS

Assistant Fellowship Director- Shasta Orthopaedics

Email: glstrand023@gmail.com

Cell: 563-379-3690

Kyle W. Abben, DPM FACFAS

Fellowship Trained Staff Attending, Regions Hospital/HealthPartners Institute for Education & Research

Email: Kyle.Abben@ParkNicollet.com

Tel: 952-993-1566

Cell: 651-346-9263