

Curriculum Vitae

BIOGRAPHICAL

Peter G. Mangone, MD
mangonepg@upmc.edu

1515 Locust Street, Suite 320, Pittsburgh, PA 15208
412.232.9080 (Office)

EDUCATION and TRAINING

UNDERGRADUATE

Davidson College, Davidson, NC
1985-1989

Davidson, NC
B.S, *Magna Cum Laude*
Major: Pre-Medicine

GRADUATE

Emory University School of Medicine
1989-1993

Atlanta, GA
M.D., *Cum Laude*

POST GRADUATE

Emory University Affiliated Hospitals
1993-1998
Dr. Lamar Fleming, Department Chair

Atlanta, GA
Resident Physician/Surgeon
Orthopaedic Surgery

Center for Orthopaedic Care,
1998-1999
Dr. G. James Sammarco, Program Director

Cincinnati, OH
Fellow, Orthopaedic Foot & Ankle Surgery

APPOINTMENTS and POSITIONS

Academic

8/2024 - present	Department of Orthopedic Surgery, University of Pittsburgh, Pittsburgh, PA	Professor (under committee review)
8/2024 - present	Department of Orthopedic Surgery, Foot and Ankle Division/Service Line, University of Pittsburgh Medical Center (UPMC), Pittsburgh, PA	Division Chief
8/2024 - present	Department of Orthopedic Surgery, Foot and Ankle Division/Service Line, University of Pittsburgh	Co-Fellowship Director

	Medical Center (UPMC), Pittsburgh, PA	
2/2023 - 8/2024	Department of Orthopaedic Surgery; Duke University Medical Center, Durham, NC	Consulting Associate Professor
1/2001 - 8/2024	Mountain Area Health Education Center (MAHEC) Family Practice Residency Program & Sports Medicine Fellowship, UNC School of Medicine Asheville	Volunteer Clinical Faculty
Non-academic		
8/1999 - 8/2024	Emergeortho, Blue Ridge Division (fka Blue Ridge Bone and Joint Clinic)	Private Practice Orthopedic Surgeon
1999 - 8/2024	Mission Hospital, Asheville, NC	Active Staff (1999-2020) Courtesy Staff (2020-2024) Privileges resigned in good standing
2016 - 8/2024	Advent Health Hendersonville Hospital Hendersonville, NC	Active Staff Privileges expired in good standing
1/2023 - 8/2024	Advent Health Hospital Hendersonville, NC	Appointed Chief of Staff, Department of Surgery (I resigned the position when I moved to Pittsburgh)
1999 - 8/2024	Margaret Pardee Hospital, Hendersonville, NC	Active and Courtesy Staff (Depending on the group's needs, my privileges interchanged several times between Active and Courtesy Staff during the time frame) Privileges expired in good standing

2016 - 8/2024	Outpatient Surgery Center of Asheville, Asheville, NC	Active Staff Privileges expired in good standing
2019 - 8/2024	Outpatient Surgery Center of Asheville, Asheville, NC	Appointed Member of Medical Executive Board
2023 - 8/2024	Mills River Surgery Center, Mills River, NC	Active Staff Privileges expired in good standing
2023 - 8/2024	Mills River Surgery Center, Mills River, NC	Appointed Member of Medical Executive Board

CERTIFICATION and LICENSURE

Specialty Certification

American Board of Orthopedic Surgery	Initial certification 2001 Currently valid through 2031
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Medical License

Diplomate, National Board of Medical Examiners	Initial certification 1994
Georgia	1995 - 2005 (voluntary non-renewal)
Ohio	1998 - 2000 (voluntary non-renewal)
North Carolina	1999 - present
Pennsylvania	4/16/2024 - present

MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

American Medical Association (AMA)	1989 - present
American Academy of Orthopedic Surgery (AAOS)	1998 - present

American Orthopedic Foot and Ankle Society (AOFAS)	1999 - present
Western North Carolina Medical Society (fka Buncombe County Medical Society)	1999 - 8/2024
North Carolina Orthopedic Association	1999 - 8/2024
North Carolina Medical Society	1999 - 8/2024
American Board of Orthopedic Surgery (ABOS)	2001 - present
National Orthopedic Education Society	2004 - present
Clinical Orthopedic Society	2004 - 2011
Arthroscopy Association of North America (AANA)	2013 - present
ESSKA/AFAS Ankle Instability Group – this is an international group of orthopedic surgeons who have a specialized interest in ankle instability	2013 - present
Minimally Invasive Foot and Ankle Society (MIFAS)	2016 - present
Eastern Orthopedic Association (EOA)	2022 - present
Pennsylvania Orthopedic Society	2024 - present
Orthopedic Foot Club – this is an organization with a limited number of selected members who are comprised of foot and ankle orthopedic surgeons who have demonstrated a commitment to foot and ankle through scholarly, educational, and leadership activities throughout their career	2024 -present

HONORS

Title of Award	Year
Samuel H. Bell Merit Scholarship	1987 - 1988

W. Olin Puckett Merit Scholarship	1988 - 1989
Sandy Black Memorial Award, Awarded to the most outstanding rising senior premedical student at Davidson College.	1988
Omicron Delta Kappa	1988
Phi Beta Kappa	1989
Letterman, Varsity Baseball	1989
Alpha Omega Alpha,	1992
Joseph P. Whitehead Foundation Scholarship, 1993. Awarded to a student who has excelled academically and who has a strong interest in surgery as a career	1993
Hewlett Packard Company Award, Top Medical Graduate	1993
Roger A Mann Award Nominee, American Orthopaedic Foot and Ankle Society (AOFAS) for paper entitled "Subtalar Arthrodesis: A Successful Treatment for Painful Inflammatory, Post-Traumatic, and Planovalgus Conditions of the Adult Hindfoot."	1995
Bubba and Braun Award, 1995. Awarded by the Chief residents to the second year resident who best handles the demands of the second year of orthopaedic residency at Emory University.	1995
Nominee, Best Teaching Resident in a surgical specialty, Emory University School of Medicine, Class of 1996	1996
Administrative Chief Resident, Emory University Department of Orthopedic Surgery	1997-1998

PUBLICATIONS

1. ORIGINAL PEER REVIEWED ARTICLES

1. **Mangone PG**, Fleming LL, Fleming SS, Hedrick MR, Seiler JG 3rd, Bailey E. Treatment of acquired adult planovalgus deformities with subtalar fusion. *Clin Orthop Relat Res.* 1997 Aug;(341):106-12. PMID: 9269162.
2. Sammarco GJ, **Mangone PG**. Classification and treatment of plantar fibromatosis. *Foot Ankle Int.* 2000 Jul;21(7):563-9. doi: 10.1177/107110070002100706. PMID: 10919621.
3. Acevedo, Jorge I. MD; **Mangone, Peter G.** MD. Arthroscopic Lateral Ankle Ligament Reconstruction. *Techniques in Foot & Ankle Surgery* 10(3):p 111-116, September, 2011. doi:: 10.1097/BTF.0b013e318229bdb8
4. Giza E, Shin EC, Wong SE, Acevedo JI, **Mangone PG**, Olson K, Anderson MJ. Arthroscopic suture anchor repair of the lateral ligament ankle complex: a cadaveric study. *Am J Sports Med.* 2013 Nov;41(11):2567-72. doi: 10.1177/0363546513500639. Epub 2013 Aug 27. PMID: 23982396. (I was an active participant in the cadaver procedures and performed the arthroscopic ligament reconstructions for this study to confirm and publish the safe zones for the arthroscopic procedure. I was an active participant in the drafting and editing of the article but not the primary writer of the manuscript).
5. Acevedo JI, **Mangone P.** Ankle instability and arthroscopic lateral ligament repair. *Foot Ankle Clin.* 2015 Mar;20(1):59-69. doi: 10.1016/j.fcl.2014.10.002. Epub 2014 Dec 15. PMID: 25726483.
6. Acevedo JI, **Mangone P.** Arthroscopic brostrom technique. *Foot Ankle Int.* 2015 Apr;36(4):465-73. doi: 10.1177/1071100715576107. Epub 2015 Mar 5. PMID: 25743426.
7. Giza E, Whitlow SR, Williams BT, Acevedo JI, **Mangone PG**, Haytmanek CT, Curry EE, Turnbull TL, LaPrade RF, Wijdicks CA, Clanton TO. Biomechanical Analysis of an Arthroscopic Broström Ankle Ligament Repair and a Suture Anchor-Augmented Repair. *Foot Ankle Int.* 2015 Jul;36(7):836-41. doi: 10.1177/1071100715576539. Epub 2015 Mar 12. PMID: 25767195. (I was an active participant in the cadaver procedures and performed the arthroscopic ligament reconstructions for this study to examine the strength of the arthroscopic reconstruction to the traditional two-anchor open reconstruction. The biomechanical study was performed by the bioengineering team. I was an active participant in the drafting and editing of the article but not the primary writer of the manuscript)
8. Acevedo JI, Kreulen C, Cedeno AA, Baumfeld D, Nery C, **Mangone PG.** Technique for Arthroscopic Deltoid Ligament Repair With Description of Safe Zones. *Foot Ankle*

Int. 2020 May;41(5):605-611. doi: 10.1177/1071100720909138. Epub 2020 Feb 26.
PMID: 32100553.

9. Mangone PG, Binns EL, Bock S. Successful Treatment of Recalcitrant Plantar Fasciitis and Achilles Tendonitis using Platelet-Rich Plasma (PRP) Injection, Short and Intermediate Results. *Foot & Ankle Orthopaedics*. 2022;7(4).
doi:10.1177/2473011421S00767

10.. Saggar R, Mullen J, **Mangone PG**, Hogan MV. Achilles Tendon Ruptures: Nonsurgical Versus Surgical Treatment. *Arthroscopy*. 2025 May;41(5):1252-1254. doi: 10.1016/j.arthro.2025.02.002. PMID: 40316367.

2. OTHER PEER-REVIEWED PUBLICATIONS

1. Sammarco GJ, **Mangone PG**. Diagnosis and treatment of peroneal tendon injuries. *Foot and Ankle Surgery*. 2000;6(4):197–205. doi:10.1046/j.1460-9584.2000.00212.x

2. **Mangone PG**. Distal Tibial Osteotomies for the Treatment of Foot and Ankle Disorders. *Foot and Ankle Clinics*, September, 2001. PMID: 11692500

3. Sammarco GJ, **Mangone PG**. Diagnosis and treatment of peroneal tendon injuries. *Foot and Ankle Surgery*. 2000 Jan 1;6(4):197–205.

4. **Mangone PG**. Post Traumatic knee stiffness: by identifying at-risk patients, can we prevent this in the future?: Commentary on an article by Julius Bishop, MD, et al.: “predictive factors for knee stiffness after periarticular fracture. a case-control study”. *J Bone Joint Surg Am*. 2012 Oct 17;94(20):e154. doi: 10.2106/jbjs.l.00998. PMID: 23243674.

5. Consensus in chronic ankle instability: aetiology, assessment, surgical indications and place for arthroscopy. Guillo S, Bauer T, Lee JW, Takao M, Kong SW, Stone JW, **Mangone PG**, Molloy A, Perera A, Pearce CJ, Michels F, Tourné Y, Ghorbani A, Calder J. *Orthop Traumatol Surg Res*. 2013 Dec;99(8 Suppl):S411-9. PMID: 24268842 (I was present for the inaugural 3 day meeting of the Ankle Instability Group in 2013 where the topic of ankle instability was thoroughly reviewed by the initial 12 members of the organization (which included me) and the consensus paper was outlined. I then prepared the initial manuscript on the surgical indications and role of arthroscopy sections. I was also involved in the editing of those sections)

6. Glazebrook M, Stone J, Matsui K, Guillo S, Takao M; **ESSKA AFAS Ankle Instability Group***. Percutaneous Ankle Reconstruction of Lateral Ligaments (Perc-Anti RoLL). *Foot Ankle Int*. 2016 Jun;37(6):659-64. doi: 10.1177/1071100716633648. Epub 2016 Feb 22. PMID: 26903001.

7. Matsui K, Oliva XM, Takao M, Pereira BS, Gomes TM, Lozano JM; **ESSKA AFAS Ankle Instability Group***; Glazebrook M. Bony landmarks available for minimally invasive lateral ankle stabilization surgery: a cadaveric anatomical study. *Knee Surg Sports Traumatol Arthrosc.* 2017 Jun;25(6):1916-1924. doi: 10.1007/s00167-016-4218-7. Epub 2016 Jun 28. PMID: 27351549.
8. Hunt KJ, **Mangone P**, Cooper MT, Brigido SA, Cooper MT. Update on Lateral Ankle Instability. *Foot Ankle Spec.* 2018 Feb;11(1):67-71. doi: 10.1177/1938640017753170. PMID: 29345205.
9. Michels F, Pereira H, Calder J, Matricali G, Glazebrook M, Guillo S, Karlsson J; **ESSKA-AFAS Ankle Instability Group***; Acevedo J, Batista J, Bauer T, Calder J, Carreira D, Choi W, Corte-Real N, Glazebrook M, Ghorbani A, Giza E, Guillo S, Hunt K, Karlsson J, Kong SW, Lee JW, Michels F, Molloy A, **Mangone P**, Matsui K, Nery C, Ozeki S, Pearce C, Pereira H, Perera A, Pijnenburg B, Raduan F, Stone J, Takao M, Tourné Y, Vega J. Searching for consensus in the approach to patients with chronic lateral ankle instability: ask the expert. *Knee Surg Sports Traumatol Arthrosc.* 2018 Jul;26(7):2095-2102. doi: 10.1007/s00167-017-4556-0. Epub 2017 Apr 25. PMID: 28439639.
10. Acevedo JI, Palmer RC, **Mangone PG**. Arthroscopic Treatment of Ankle Instability: Brostrom. *Foot Ankle Clin.* 2018 Dec;23(4):555-570. doi: 10.1016/j.fcl.2018.07.003. Epub 2018 Sep 25. PMID: 30414652.
11. **Mangone P**, Bitterman A, Brigido SA, Cooper MT. Both the Benefits and Disadvantages of Minimally Invasive Surgery. *Foot Ankle Spec.* 2019 Dec;12(6):546-548. doi: 10.1177/1938640019893404. PMID: 31835928.
12. Takao M, Ozeki S, Oliva XM, Inokuchi R, Yamazaki T, Takeuchi Y, Kubo M, Lowe D, Matsui K, Katakura M; **Ankle Instability Group***; Glazebrook M. Strain pattern of each ligamentous band of the superficial deltoid ligament: a cadaver study. *BMC Musculoskelet Disord.* 2020 May 9;21(1):289. doi: 10.1186/s12891-020-03296-0. PMID: 32386522; PMCID: PMC7211342.
13. Acevedo JI, **Mangone PG**. Arthroscopic Surgical Technique for Lateral Ankle Ligament Instability. *Foot Ankle Clin.* 2021 Mar;26(1):65-85. doi: 10.1016/j.fcl.2020.10.004. Epub 2020 Dec 13. PMID: 33487244.
14. Takeuchi Y, Inokuchi R, Takao M, Glazebrook M, Martin Oliva X, Yamazaki T, Kubo M, Lowe D, Matsui K, Katakura M, Ozeki S; **Ankle Instability Group***. Three-dimensional analysis of anterior talofibular ligament strain patterns during cadaveric ankle motion using a miniaturized ligament performance probe. *BMC Musculoskelet Disord.* 2021 Feb 20;22(1):208. doi: 10.1186/s12891-021-04058-2. PMID: 33610165; PMCID: PMC7897380

15. Bennett, W., Galaz, R., **Mangone, P.**, Schacter, A., & Ruiz-Suarez, MD, M. (2022). The Anatomy of an Innovation- Ziptek for Tissue Repair. *Journal of Orthopaedic Experience & Innovation*, 3(1). <https://doi.org/10.60118/001c.33233>
16. **Mangone PG.** Arthroscopic Lateral Ligament Reconstruction: To Infinity and Beyond. *Foot Ankle Int.* 2023 Dec;44(12):1229-1230. doi: 10.1177/10711007231210804. Epub 2023 Nov 25. PMID: 38006255.

***The ESSKA AFAS Ankle Instability Group** is an international consortium of orthopedic surgeons dedicated to studying and improving the knowledge of ankle instability to improve treatment and patients. The manuscripts with the “ESSKA AFAS Ankle Instability Group” credited as authors were published with the lead authors performing the research and preparing the initial manuscript and then the manuscript was circulated amongst the ankle instability group members for editing and suggestions for improvement prior to submission for publication.

3. OTHER NON-PEER REVIEWED PUBLICATIONS

1. **Mangone, PG.** “Has Medicine Become a Commodity?” *Buncombe County Medical Society Bulletin*, Volume XVIII Issue 2 Summer 2006
2. **Mangone, PG.** “Understanding Medical Decision Making: The Most Mysterious E/M Component” *AOFAS “In Stride”*, Volume 25, Issue 3-Summer 2011
3. **Mangone, PG.** “Coding Corner: ‘Incident to’ Coding Recommendations” *AOFAS “In Stride”*, Volume 28, Issue 2-Spring 2014
4. **Mangone, PG.** Profile: “Volunteers Shine” for Chair of CPT/RUC Committee *AOFAS “In Stride”*, Volume 29, Issue 3-Summer 2015

4. BOOKS, BOOK CHAPTERS AND MONOGRAPHS

1. **Mangone, PG,** Dovan, T, Seiler, JG. *Orthopaedic Surgery: The Essentials*, Eds. M. Baratz, A.D. Watson, and J. Imbriglia, Thieme, New York, 1999. *Elbow Fractures and Dislocations*
2. Acevedo, JG and **Mangone, PG.** *Operative Techniques in Foot and Ankle Surgery*, Ed. Mark Easley, Lippincott Williams & Wilkins, 2010. *Arthroscopy of the Ankle.*
3. Acevedo, JG, **Mangone PG.** *Foot and Ankle Surgery: Tricks of the Trade*, Stuttgart, Thieme, 2015. *Brostrom: Arthroscopic Repair*; DOI: 10.1055/b-0038-162068

- 4.. **Mangone, PG**, Acevedo, JG. The Foot and Ankle AANA Advanced Arthroscopic Surgical Techniques. Eds. J Stone, J Kennedy, and M. Glazebrook, Slack Inc, 2016. ArthroBrostrom.
5. **Mangone, PG**, Acevedo, JG. Minimally Invasive Foot and Ankle Surgery Eds, Eric Bluman and Christopher Chiodo, Philadelphia, Wolters Kluwer, 2016. Arthroscopic Lateral Ankle Ligament Reconstruction
6. Chen J, Hua Y, Amendola A, Murawski CD, **Mangone P**. Osteochondral Lesions of Talus [Internet]. Arthroscopic Techniques and Anatomy of the Foot and Ankle. Springer International Publishing; 2022. p. 61–75. Available from: http://dx.doi.org/10.1007/978-3-031-05190-6_5
7. Yan AY, Maestre S, Rong K, **Mangone P**. Anterior Ankle Impingement [Internet]. Arthroscopic Techniques and Anatomy of the Foot and Ankle. Springer International Publishing; 2022. p. 91–105. Available from: http://dx.doi.org/10.1007/978-3-031-05190-6_7
8. Amendola A, Chen J, Zhong G, Yan AY, **Mangone P**. High Ankle Sprain (Syndesmotic Injury) [Internet]. Arthroscopic Techniques and Anatomy of the Foot and Ankle. Springer International Publishing; 2022. p. 125–43. Available from: http://dx.doi.org/10.1007/978-3-031-05190-6_9
9. **Mangone P**, Acevedo JI. ArthroBroström [Internet]. The Foot and Ankle. CRC Press; 2024. p. 85–93. Available from: <http://dx.doi.org/10.1201/9781003524205-12>

5. PUBLISHED ABSTRACTS (in Scientific Journals)

1. **Peter G. Mangone**, Lamar L. Fleming, Samuel S. Fleming, Mark R. Hedrick, John G. Seiler. Subtalar Arthrodesis: A Successful Treatment for Painful Inflammatory, Post-Traumatic, and Planovalgus Conditions of the Adult Hindfoot. Journal of the Southern Orthopaedic Association. 5(2):144, 1996

6. ABSTRACTS (not published in Scientific Journals) [includes posters and presentations]

Poster presentations

1. **Mangone, PG**. The Use of Xenograft For Augmentation in Foot and Ankle Surgery. Poster presented at: AOFAS Annual Meeting; July 16-18, 2009; Vancouver, Canada.
2. **Mangone, PG** and Acevedo, JI. Arthroscopic Deltoid Ligament Repair: Technique and Anatomic Study. Poster presented at: AOFAS Annual Meeting; July 20-23, 2016; Toronto, Canada.

3. **Mangone, PG**, Emma Binns, Spencer Bock. The Successful Use of PRP for the Treatment of Recalcitrant Achilles Tendonitis and Plantar Fasciitis. Poster presented at: AOFAS Annual Meeting; 2022, September 14-17; Quebec City, Quebec.

Oral/Podium Presentations

4. **Mangone, PG**. Update on Foot/Ankle Issues, Presented at: Mountain Area Health Education Center (MAHEC) Family Medicine Residency Program Orthopedic Symposium; January 7, 2009; Asheville, NC.

5. **Mangone, PG**. Orthopedic Coding Review and Update for 2009. AAOS Annual Meeting; February 25-28, 2009; Las Vegas, NV.

6. **Mangone, PG**. Update on Foot and Ankle Coding. Presented at: AOFAS Annual Meeting; July 16-18, 2009; Vancouver, Canada.

7. **Mangone, PG**. Orthopedic Foot and Ankle Coding Update for 2010. Presented at AOFAS Annual Meeting; July 2010; Washington, DC.

8. **Mangone, PG**. Arthroscopically Assisted Lateral Ankle Ligament Reconstruction. Presented at AOFAS Annual Meeting; July, 2010; Washington, DC.

9. **Mangone, PG**. Scope the Ankle: Can You Really See Anything? A Novel Technique for Arthroscopically Assisted Lateral Ligament Reconstruction; Presented at: NOES Annual Meeting; April 27, 2011; Pebble Beach, CA.

10. **Mangone, PG**. Orthopedic Foot and Ankle Coding Update for 2010. Presented at: AOFAS Annual Meeting; July 2011; Keystone, CO

11. **Mangone, PG**. Coding Update for Foot and Ankle. Presented at: AOFAS Webinar Education Series; May 15, 2012; Live Virtual.

12. **Mangone, PG**. Lateral Ligament Reconstruction, Presented at: AANA and AOFAS Combined Foot and Ankle Course; September 29, 2012; Rosemont, IL.

13. **Mangone, PG**. Soft Tissue Impingements and Ankle Instability: Can it All be Done Arthroscopically?; Presented at: AANA Annual Meeting, November 8, 2012; Phoenix, AZ.

14. **Mangone, PG**. CPT Coding Update for Foot and Ankle Procedures. Presented at: AOFAS Annual Meeting; July 17, 2013; Hollywood, FL.

15. **Mangone, PG.** Coding Update for Foot and Ankle. Presented at: AOFAS Webinar Education Series; February 4, 2014; Live Virtual.
16. **Mangone, PG.** Clinical Case Panel #7: Ankle Pain and Instability in a High School Soccer Player, Presented at: AANA Annual Meeting, May 1, 2014; Hollywood, FL.
17. **Mangone, PG.** Update on Arthroscopic Brostrom-Are Results Equivalent to the Open Technique?. Presented at: NOES Annual Meeting;, May 7, 2014; Kiawah Island, SC.
18. **Mangone, PG.** Arthroscopy for the Treatment of Lateral Ankle Instability. Presented at Advanced Masters Foot & Ankle Arthroscopy/MIS Course; October 3, 2014; Baltimore, MD.
19. **Mangone, PG.** October 24, 2014, Arthroscopic Lateral Ligament Reconstruction, AANA AOFAS: October 24, 2014; Rosemont, IL
20. **Mangone, PG.** Lateral Ligament Injuries: Are Arthroscopic Approaches for Repair and Reconstruction Ready for Prime Time? Presented at: AANA and AOFAS Combined Foot and Ankle Course; Nov. 6, 2014, Palm Desert, CA.
21. **Mangone, PG.** Arthroscopic Brostrom-Get on Board Panel, Presented at: OSET Annual Meeting; December, 4, 2014; Las Vegas, NV
22. **Mangone, PG.** "Panel Discussion: 23-Year-Old Competitive Runner with Plantar Fasciitis, Has a Marathon in 3 Months: How to Get Her Back on Track!; Shock Wave and Biologics; Presented at: OSET Annual Meeting; Las Vegas, NV.
23. **Mangone, PG.** Coding Update for Foot and Ankle. Presented at: AOFAS Webinar Education Series; February 2015; Live Virtual.
24. **Mangone, PG.** Pro/Con Debates: Arthroscopic Ankle Stabilization: Are We Out of Our Minds? No (Pro Arthroscopy); Presented at: AANA Annual Meeting, November 15, 2015; Grapevine/Dallas TX.
25. **Mangone, PG.** Evolving Technique: Posterior Ankle Arthroscopy, Avoiding Complications: When I Use It in Which Patients?; Presented at: OSET Annual Meeting, December 2, 2015; Las Vegas, NV.

26. **Mangone, PG.** Evolving Technique: The Arthroscopic Brostrom-Gould Repair-Tips and Tricks; Presented at: OSET Annual Meeting; December 2, 2015; Las Vegas, NV.

23. **Mangone, PG.** Coding Update for Foot and Ankle. Presented at: AOFAS Webinar Education Series; February 2016; Live Virtual.

24. **Mangone, PG.** Controversies: Minimally Invasive Surgery (MIS) and Lateral Ligament Reconstruction; Presented at AOFAS Specialty Day; MARCH 5, 2016; Orlando, FL.

25. **Mangone, PG.** April 27, 2016, The Next Frontier in the Government's Quest for Quality: MIPS-What You Need to Know and Why You Need to Know It, NOES Annual Meeting; April 27, 2016. Streamsong, FL.

26. **Mangone, PG.** Arthroscopy-Posterior Impingement of the Ankle. Presented at the Extremity Summit Annual Meeting; June 3, 2016; White Sulphur Springs, WV.

27. **Mangone, PG.** Arthroscopy-Anterior Impingement of the Ankle. Presented at: Extremity Summit Annual Meeting; June 3, 2016; White Sulphur Springs, WV.

28. **Mangone, PG.** Arthroscopy-Subtalar Indications & Techniques. Presented at: Extremity Summit Annual Meeting; June 3, 2016; White Sulphur Springs, WV.

29. **Mangone, PG.** Arthroscopy-Retro-Calcaneal Indications & Techniques. Presented at: Extremity Summit Annual Meeting; June 3, 2016; White Sulphur Springs, WV.

30. **Mangone, PG.** Ankle Lateral Ligament Laxity: New Frontiers of Treatment; Presented at: AANA Fall Meeting; September 10, 2016; Las Vegas, NV.

31. **Mangone, PG.** Ankle Arthroscopy Stew: Anterior Impingement Ankle Fractures and Syndesmotic Injuries. Presented at: The Advanced Masters Foot and Ankle Arthroscopy/Basic MIS Percutaneous Course; October 16, 2016; Baltimore, MD.

32. **Mangone, PG.** Achilles, Percutaneous Repair. Presented at: The Advanced Masters Foot and Ankle Arthroscopy/Basic MIS Percutaneous Course; October 16, 2016; Baltimore, MD.

23. **Mangone, PG.** Coding Update for Foot and Ankle. Presented at: AOFAS Webinar Education Series; February 28, 2017; Live Virtual.

24. **Mangone, PG.** Challenges with Reimbursement - Top 10 Things I could be Doing to Help. Presented at: AOFAS Specialty Day; March 17, 2017; San Diego, CA
25. **Mangone, PG.** Moderator and Panelist, The US HealthCare System is a Mess - Here's How We Do It: The Good, Bad, and Ugly of Other Health Care Systems Across the World; Presented at: NOES Annual Meeting; April 30, 2017; Vilamoura, Portugal.
26. **Mangone, PG.** Deltoid Ligament Repair in Concert with Advanced Rehab Concepts in the Surgical Treatment of Ankle Fractures; Presented at: Extremity Summit and Southern Orthopaedic Association Combined Meeting; June 3, 2017; White Sulphur Springs, WV
27. **Mangone, PG.** The Failed Brostrom: Should I have Done it Through a Scope? Now What?. Presented at: AOFAS Annual meeting; July 12, 2017; Seattle, WA
28. **Mangone, PG.** CPT Coding Update for Foot and Ankle Procedures. Presented at: Presented at: AOFAS Annual Meeting; July 12, 2017; Seattle, WA.
29. **Mangone, PG.** Lateral Ankle Instability; Presented at: North Carolina Orthopaedic Association, October 6, 2017; Williamsburg, VA.
30. **Mangone, PG.** Other Indications: Impingement, Ankle Fractures, Syndesmotic Fixation, Presented at: The Advanced Masters Foot and Ankle Arthroscopy/Basic MIS Percutaneous Course; October 20, 2017; Baltimore, MD
31. **Mangone, PG.** Achilles, Percutaneous Repair, Presented at: The Advanced Masters Foot and Ankle Arthroscopy/Basic MIS Percutaneous Course; October 20, 2017; Baltimore, MD.
32. **Mangone, PG.** Complex Midfoot & Hindfoot Reconstruction, Presented at: AOFAS Advanced Foot and Ankle Course; October, 2018; Live Virtual.
33. **Mangone, PG.** May 21, 2019, In Office Coding: The use of 24, 58 & 25 Modifiers, Presented at: AOFAS Coding Webinar;, May 21, 2019; Live Webinar (Virtual)
34. **Mangone, PG.** A Novel Method To Correct Stage II Adult Acquired Flatfoot With Spring Ligament Reconstruction Without Calcaneal Osteotomy. Presented at: Chinese Orthopedic Association Annual (COA) Meeting; November 12, 2019; Shanghai, China

35. **Mangone, PG.** Arthroscopic (MIS) Lateral Ankle Ligament Reconstruction: Can We Move Into the 21st Century, Presented at: AOFAS Annual Meeting; September 10-12, 2020; Live Virtual (due to Covid19 pandemic this meeting was Live Virtual).
36. **Mangone, PG.** Acute Injuries of the Deltoid: Why We Should Be Thinking About Repairing These Injuries in the Modern Era, Presented at: AOFAS Advanced Foot and Ankle Course, April, 2021; Live Virtual.
37. **Mangone, PG.** Where Did My Incision Go? MIS Bunion Correction: Small Incisions & Few Complications, Presented at: AOFAS Advanced Foot and Ankle Course, April, 2021; Live Virtual.
38. **Mangone, PG.** Total Ankle Arthroplasty: How to Manage Complications, Presented at AOFAS Advanced Foot and Ankle Course; July 2022; Live Virtual.
39. **Mangone, PG.** Don't Forget About the Deltoid: Why We Should Be Thinking About Repairing These Injuries in the Modern Era. Presented at: AOFAS Advanced Foot and Ankle Course; July, 2022; Live Virtual.
39. **Mangone, PG.** Hallux Rigidus: MTP Implant Procedures vs, Fusion -- What's the Best?. Presented at: AOFAS Advanced Foot and Ankle Course; July, 2022; Live Virtual.
40. **Mangone, PG.** Arthroscopic Brostrom Update, Presented at: AOFAS Annual Meeting, September, 14-17, 2022; Quebec City, Canada.
41. **Mangone, PG.** Practice Management Coding and Legislative Update Session, AOFAS Annual Meeting; September 14-17, 2022; Quebec City, Canada.
42. **Mangone, PG.** Scope for Hope: The Arthroscopic Brostrom. Presented at: AOFAS Winter Meeting; January 26, 2023; Big Sky, MT.
43. **Mangone, PG.** Mid to Late Career Transitions: My experience and lessons. Presented at: Eastern Orthopaedic Society Annual meeting; October, 2024; Palm Beach, FL.
44. **Mangone, PG.** Coding Symposium: How Much is Too Much?. Presented at: AOFAS Winter Meeting; January, 2025; Lake Louise, Alberta, Canada.
45. **Mangone, PG.** Is There Still a Buzz Around the Arthroscopic Brostrom?. Presented at: AOFAS Winter Meeting; January, 2025; Lake Louise, Alberta, Canada.

46. **Mangone, PG.** The History of Total Ankle Arthroplasty and How It Has Changed My Practice Over The Last 25 Years; Presented at Steps2Walk Argentina Foot Education Ankle Meeting; October, 2025; Comodoro Rivedavia, Argentina.

47. **Mangone, PG.** Acute & Chronic Deltoid Injuries: A Changing Paradigm; Presented at American Orthopedic Society for Sports Medicine (AOSSM) Fall Surgical Skills Course: Reaching the Summit: Managing Sports Medicine Injuries of the Ankle & Foot. October, 2025; Chicago, IL.

7. PUBLICATION EQUIVALENT SCHOLARLY PRODUCTS

Podcast

1. **Mangone, PG.** Lateral Ankle Instability. Nailed It: The Orthopedic Surgery Podcast. Ortho #93. Hosted by Dr. Wendell Cole; March, 2023.

<https://naileditortho.com/ankleinstability/>

2. **Mangone, PG,** Anderson, RB.. How I Treat This: Ankle Instability. The AOFAS Orthopod-Cast. Hosted by Joseph Park, MD. July 2024.

<https://aofasorthopodcast.libsyn.com/how-i-treat-this-lateral-ankle-instability>

PROFESSIONAL ACTIVITIES

Teaching

Resident Teaching:

January 7, 2009, Update on Foot/Ankle Issues, Mountain Area Health Education Center (MAHEC) Family Medicine Residency Program, Asheville, NC, family practice resident physicians, 30 learners , 1 session per year

2010 - 2024, Volunteer Clinical Faculty Member, MAHEC (Mountain Area Health Education Center, now part of UNC School of Medicine), Asheville, NC: Dr. Mangone routinely taught residents in the MAHEC family practice program. Approximately 4 residents per year would spend 4 weeks working with Dr. Mangone in his private practice clinic where he would teach them about foot and ankle pathology as well as a proper history, physical examination for a foot and ankle patient. family practice resident physicians, 4, four separate one month sessions/years

April 3, 2017, Basics of CPT and E/M Coding, Visiting Lecturer in Orthopaedic Surgery, Greenville Health System Center for Teaching and Learning (now Prisma Health),

Greenville, SC, orthopedic resident physicians and orthopedic faculty, 25, one session/year

July 2023, Volunteer Faculty Instructor, AOFAS Resident Skills Course, Denver, CO, orthopedic resident physicians, 40, one session/year

March, 2024, Volunteer Faculty Instructor, AOFAS Resident Skills Course, Dallas, TX, orthopedic resident physicians, 40, one session/year

July 2025, Volunteer Faculty Instructor, AOFAS Resident Skills Course, Ponte Vedra, FL, orthopedic resident physicians, 40, one session/year

July 2025, Volunteer Faculty Instructor, AOFAS Resident Skills Course, Denver, CO, orthopedic resident physicians, 40, one session/year

June 2025, Peroneal Tendon Tears/Instability & Posterior Tibialis Tendon Insufficiency, UPMC Orthopedic Resident Education Lecture Series, Pittsburgh, PA, orthopedic resident physicians, 25, one session/year

June 2025, Challenges in Reimbursement: Top Ten Things You Can Do To Help Yourself. UPMC Orthopedic Resident Education Lecture Series, Pittsburgh, PA, orthopedic resident physicians, 25, one session/year

September 2024 - present: Attending Foot and Ankle UPMC; Orthopedic resident physicians; 2 residents rotate on service every 2 months; 6 sessions/year.

Upcoming 2026: I have upcoming series of monthly lectures/discussion sessions that I have planned for the orthopedic residents on the topics of practice management, coding, and financial education; orthopedic surgery residents; 20, 12 sessions/year

Fellow Teaching:

September, 2024 - present: Attending orthopedic surgeon; Orthopedic Foot & Ankle fellows, 3, 4 month rotations with 3 sessions/year. The fellows rotate every four months throughout the year with one fellow assigned to myself along with two other foot and ankle surgeons in the UPP division. I work with the fellows routinely several days a week in both the clinic and the operating room. In addition, I help arrange for routine cadaver training where I work with them in the lab to help improve their surgical skills.

Mentoring:

March 2025 to present. Advisor; Liam Wright, 2nd year medical student at Duquesne Medical school. Liam is interested in pursuing orthopedic surgery as a career. I have been mentoring him regarding research project interests and current medical school

performance to help him achieve his goal of becoming an orthopedic surgeon. I am currently helping to coordinate a future research project that he can be involved in examining a novel medial ankle/hindfoot ligament reconstruction technique I helped develop. Liam is currently the president of a medical student orthopedic interest group he started during his first year at Duquesne.

April 2025 to present. Faculty Advisor, Devon Smith (PGY4 orthopedic surgery), I have been working with Devon as he applies for an orthopedic foot and ankle fellowship. I have helped him choose which fellowships would be a match for his future goals and education strengths and weaknesses. I have assisted with a letter of recommendation for Devon as well as providing mentoring advice about the type of practice he would like to join in the future (e.g. academic practice vs private practice) and how best to prepare for that career choice.

RESEARCH

Pending Grant Support: N/A

Non-Funded Research:

7/2025- present – Level I randomized blinded study to assess the effectiveness of MagnetOs (a synthetic ceramic bone graft substitute) in foot and ankle fusions. Awaiting final approvals from UPMC to have the UPMC orthopedic department work with Kuros Bioscience to be one of 5 sites around the nation for this study. Most of the preparation work has now been completed and we are awaiting final approvals to start enrolling patients.

7/2025 - present – Biomechanical study examining two different techniques for medial hindfoot ligament reconstruction, specifically looking at a novel technique I developed 12 years ago and with which I have had substantial success correcting adult acquired flatfoot deformity without having to routinely add a calcaneal osteotomy procedure.

7/2025 - present – Biomechanical study examining the strength of one vs. two screws for fixation into the 1st metatarsal head to obtain adequate purchase for the screw construct to be stable when performing an MIS MICA bunion correction procedure.

Other Research Related Activities

2010 - 2018, JBJS, Content Reviewer

2016 - present – Lead Surgeon, Stryker Foot and Ankle Minimally Invasive Surgery (MIS) Consulting Team, With 5 other surgeon team members, I helped successfully introduce modern MIS techniques for foot and ankle surgery to the United States. This project has included implant design work and surgeon education in both professional

society sponsored and industry sponsored educational events. Since that time, MIS foot and ankle surgical applications have expanded substantially

10/6/2020 – US Patent #10792052 – Surgical Drill Guide, Issued

7/30/2022 – Patent pending application # 17/877918-Bone Fixation Device, Date filed

2022 - present, Foot & Ankle International, Content reviewer

2023 - present, Foot & Ankle Orthopaedics, Content Reviewer

1/7/2025 – US Patent #12185958 – Targeting Guides, Issued

4/29/2025 – US Patent #12285180 - Alignment device for use in bone deformities, Issued

10/25 – present, Journal of the American Academy of Orthopedic Surgeons, Content reviewer

LIST of CURRENT RESEARCH INTERESTS

Lateral and Medial Ankle/Hindfoot Instability

Arthroscopic ankle ligament repair and reconstruction (medial and lateral)

Sports injuries of the foot and ankle with special focus on ankle sprains

Minimally invasive foot and ankle surgery including surgery for bunion correction, foot and ankle osteotomies and fusions to correct deformity, and lesser toe deformity

Total ankle replacement, in particular the role of stemmed implants as the primary prosthesis for ankle replacement

INVITED SEMINARS AND LECTURESHIPS

Local Presentations

1. **Mangone, PG.** Common Foot and Ankle Problems for the Primary Care Physician Instructional Lecture, Presented at: Mountain Area Health Education Centers (MAHEC) Residency Program; Fall 2006; Asheville, NC.

2. **Mangone, PG.** Common Foot and Ankle Problems for the Primary Care Physician Instructional Lecture, Presented at: Mountain Area Health Education Centers (MAHEC) Residency Program, Fall, 2008; Asheville, NC.

3. **Mangone, PG.** Update on Foot/Ankle Issues. Presented at: Mountain Area Health Education Center (MAHEC) Family Medicine Residency Program Orthopedic Symposium, March 10, 2010; Asheville, NC.
4. **Mangone, PG.** Coding Review for the Orthopaedic Surgeon, Presented at Mission Hospital/MAHEC Orthopedic Symposium; May 11, 2011; Asheville, NC.
5. **Mangone, PG.** September 30, 2011, Total Ankle Replacement, Presented at: Grand Rounds; Mission Hospital/MAHEC, September 30, 2011; Asheville, NC.
6. **Mangone, PG.** Chronic Ankle Instability: The Underappreciated of the Routine Ankle Sprain, Recent Advances In Accelerated Return To Sports After Foot/Ankle Injury Presented at: MAHEC Blue Ridge Sports Medicine Symposium, March 10, 2021; Asheville, NC.

Regional Presentations

1. **Mangone, PG.** Tibial-Talar-Calcaneal (TTC) Arthrodesis. Presented at: NEOAPM Annual meeting; October 20, 2011; Cleveland, OH.
2. **Mangone, PG.** Lateral Ankle Instability. Presented at: NEOAPM Annual Meeting; October 20, 2011; Cleveland, OH
3. **Mangone, PG.** Arthroscopic Lateral Ankle Stabilization, Presented at: NEOAPM Annual Meeting; October 20, 2011; Cleveland, OH.
4. **Mangone, PG.** Advances in Minimally Invasive Surgery in Foot & Ankle, Presented at: North Carolina Orthopedic Association Annual Meeting; October 12, 2019; Pinehurst, NC.
5. **Mangone, PG.** Update on Ankle Instability: Advances in Diagnosis and Treatment, Presented at: Grand Rounds, University of Pittsburgh Department of Orthopedics, February 22, 2023; Pittsburgh, PA
March, 2024, Challenges in Reimbursement: Top 10 Things You Can Do to Help Yourself Webinar, Intermountain Health (Virtual)
6. **Mangone, PG.** Ankle Arthritis and Total Ankle Replacement: Where We Have Been and Where We Are Going. Presented at: Grand Rounds, Indiana University Department of Orthopedics; July 31, 2024; Indianapolis, IN (Virtual)

7. **Mangone, PG.** Traditional vs New Innovations for Spring Ligament Complex and Deltoid Ligament Reconstruction. Presented at: Tennessee Podiatric Medical Association Annual Meeting; September 26-27. 2024; Columbia, TN

8. **Mangone, PG.** Hallux Rigidus: MTP Implant Procedures vs Fusion, What is best?. Presented at: Tennessee Podiatric Medical Association Annual Meeting; September 26-27. 2024; Columbia, TN

National Presentations

1. **Mangone, PG.** Minimally Invasive Surgery Techniques for Lesser Toe Deformities, AAOS Instructional Course Lecture: Percutaneous Techniques in Foot Surgery. Presented at: AAOS Annual Meeting; March, 2019; Las Vegas, NV.

2. Ouzonian, TJ, **Mangone PG,** Galinat, BJ. The Relative Value Unit (RVU) System and Code-X Software webinar. AAOS Education Series; October 2021.

3. **Mangone, PG.** Minimally Invasive Surgery Techniques for Lesser Toe Deformities, AAOS Instructional Course Lecture: Percutaneous Techniques in Foot Surgery. Presented at: AAOS Annual Meeting; September, 2021; San Diego, CA.

4. **Mangone, PG.** September 2021, Top Ten Things to Do for a Success in Private Practice. AAOS Instructional Course Lecture: The Business of Medicine: Hospital-Based, Academic, Private Practice - Learning How to Succeed, Presented at: AAOS Annual Meeting; September, 2021; San Diego, CA.

5. **Mangone, PG.** Arthroscopic Lateral Ligament Reconstruction: 15 Years Since Patient #1 – Where Are We Now?. Presented at: Orthopaedic Foot Club; June 2022; Durham, NC.

6. **Mangone, PG.** Minimally Invasive Osteotomies For Bunions & Hallux Valgus Correction – Why This Works – My Experience With Pearls & Pitfalls Along with a Review of the Literature. Orthopaedic Foot Club; June 2022; Durham, NC.

7. **Mangone, PG.** Advances in Isolated Medial Soft Tissue Reconstruction for PCFD (aka Adult Acquired Flatfoot). Presented at: Orthopaedic Foot Club; June 2022; Durham, NC.

8. **Mangone, PG.** The State of Hallux Valgus and Bunions: Is a New Algorithm Needed?. Presented at: Cutting Edge Techniques and Technologies in Foot and Ankle; December, 2022; Jersey City, NJ.

9. **Mangone, PG.** Lateral Ankle Ligament Reconstruction: Update on Diagnosis and Surgical Treatment With Special Emphasis on Global Instability. Presented at: Cutting Edge Techniques and Technologies in Foot and Ankle; December 2022; Jersey City, NJ.

10. **Mangone, PG.** Advances in Isolated Medial Soft Tissue Reconstruction for PCFD (aka Flexible Adult Acquired Flatfoot. Presented at: 14th Annual Meeting Current Solutions in Foot & Ankle Surgery, March, 2024; Tampa, FL

11. **Mangone, PG.** Minimally Invasive Surgery For Bunion & Hallux Valgus Correction – Why This Works – My Experience With Pearls & Pitfalls Along with a review of the Literature. Presented at: 14th Annual Meeting Current Solutions in Foot & Ankle Surgery, March, 2024; Tampa, FL.

12. **Mangone, PG.** MIS Bunion Correction: 8 Years After Intro in the USA, How is it Going and What Comes Next?. Presented at: Orthopedic Foot Club Annual Meeting, May, 2025; Honolulu, HI.

International Presentations

1. **Mangone, PG.** Arthroscopic Brostrom: My Technique and Results. Presented at: Ankle Instability Group 1st International meeting; May, 2013; Bordeaux, France

2. **Mangone, PG.** Arthroscopic Brostrom: Is it as Good as Open? And Live Cadaver Demonstration, Presented at: ArthroParis, June, 2014; Paris, France.

3. **Mangone, PG.** Keys to consistently great results for MTP arthrodesis with a comprehensive system. Presented at: 4th International AIM Conference; February, 2015; Seoul, South Korea,.

4. **Mangone, PG.** Lateral ankle instability: the advantages of an arthroscopic approach with ArthroBrostrom. Presented at: 4th International AIM Conference; February, 2025; Seoul, South Korea..

5. **Mangone, PG.** Medial stabilization of the ankle using a repair with Internal Bracce reinforcement for midfoot/spring ligament/deltoid; Presented at: 4th International AIM Conference. February, 2015; Seoul, South Korea.

6. **Mangone, PG.** Current Strategies in the Treatment of Ankle Instability. Presented at: SPOT - Puerto Rico Society of Orthopedics and Traumatology Annual meeting; September, 2016; Dorado Beach, Puerto Rico.

7. **Mangone, PG.** Keynote Speaker, Arthroscopic Brostrom. Presented at: ESSKA/AFAS Ankle Instability Group Meeting; September, 2017; Bordeaux, France
8. **Mangone, PG.** Most Recent Advances to Augment the Arthroscopic Lateral Ligament Reconstruction, Presented at: JSSF 43rd Annual Meeting/5th Ankle Instability Group (AIG) Annual Meeting, October 31-November 3, 2018; Kisarazu, Chiba, Japan.
9. **Mangone, PG.** The History of Arthroscopic Lateral Ligament Reconstruction: How it Parallels Previous Joints and What it Means for the Future; Presented at: JSSF 43rd Annual Meeting/5th Ankle Instability Group (AIG) Annual Meeting; October 31-November 3, 2018; Kisarazu, Chiba, Japan.
10. **Mangone, PG.** Total Ankle Replacement: Principles for Successful Outcomes. Presented at: Chengdu Hospital Department of Orthopedic Surgery/AOFAS Foot and Ankle Symposium; September, 2019; Chengdu, China.
11. **Mangone, PG.** March 21-23, 2019, MIS and Medial Column Instability of the Charcot Foot. Presented at: GRECMIP (now MIFAS) 5th International Congress of Foot And Ankle Minimally Invasive Surgery; March 21-23, 2019; Marrakech, Morocco.
12. **Mangone, PG.** Ankle Arthritis Case Presentation, Presented at: Sino America Foot and Ankle Elite Forum: November, 2019; Shanghai, China
13. **Mangone, PG.** Ankle Instability Case Presentation, Presented at: Sino America Foot and Ankle Elite Forum; November, 2019; Shanghai, China.
14. **Mangone, PG.** Reconstruction of Lateral Ankle Ligaments Demonstration, Presented at: Sino America Foot and Ankle Elite Forum; November 2019; Shanghai, China.
15. **Mangone, PG.** Repair of Medial Ankle Ligaments Demonstration. Presented at: Sino America Foot and Ankle Elite Forum; November 2019; Shanghai, China.
16. **Mangone, PG.** December 2021, Consensus For Treatment of Lesser Toe Deformities With Percutaneous Techniques, MIFAS Global Virtual Meeting December, 2021; Live Virtual.
17. **Mangone, PG.** Mama Said There Would Be Days Like These: Avoiding, and When Needed, Managing, MIS Complications: Where MIS Fails, Intraop Bailouts, Complications, and Salvage. Presented at: Minimally Invasive Foot and Ankle Society(MIFAS) Basic & Advanced MIS Course; November, 2024; San Diego, CA.

University and Medical School Service

December 2024 – Volunteer Orthopedic Resident Interviewer; University of Pittsburgh Department of Orthopedics

Nov 2025 - present – Volunteer Interviewer; University of Pittsburgh Medical School

Local/Community Service Activities

1999-2020 - Member, Orthopedic Service Line, Mission Hospital, Asheville, NC

2000 - 2010, Member, Surgical Periop Committee, Mission Hospital, Asheville, NC

2000-2011, Board member, Western North Carolina Medical Society

8/2001 - 8/2024 - Co-Director, Orthopedic Foot and Ankle Center of Excellence, Emergoortho Blue Ridge Division (fka Blue Ridge Bone & Joint Clinic, PA) Asheville, NC

2002 - 2015, Director, Orthopaedic Foot and Ankle Subspecialty Services, Orthopaedic Service Line, Mission Hospital, Asheville, NC

1/2002 -12/2005 – Member, Executive Committee, Emergoortho Blue Ridge Division (fka Blue Ridge Bone & Joint Clinic, PA) Asheville, NC

2002-2009, Mountain Community Board, Medical Mutual Insurance Company

August 2003 - August 2024, Head Team Physician; Christ School (local high school), Arden, NC

2004 - 2020, Orthopedic Surgeon Voluntary Mission Hospital Orthopedic Trauma Call Coverage Team, Mission Hospital, Asheville, NC, In addition to routine orthopedic call duties, Dr. Mangone voluntarily took Mission Hospital Orthopedic Trauma call in order to support the development of an orthopedic trauma program at Mission Hospital. Despite leaving Mission Hospital in 2017 to move his practice to another regional hospital, he maintained his privileges and continued to take trauma call duty at Mission Hospital (in addition to the call duties at the other hospital) to support the trauma service for an additional three years (until 2020).

2005, President-Elect, Western North Carolina Medical Society

2006, President, Western North Carolina Medical Society

1/2008 - 12/2018 – Member, Executive Committee, Emergeortho Blue Ridge Division (fka Blue Ridge Bone & Joint Clinic, PA) Asheville, NC

2010 - 2012, Joint committee for evaluation and development of county line outpatient center, Mission Hospital, Asheville, NC

2010 - 2015, Member, Executive Committee, Orthopaedic Service Line, Mission Hospital, Asheville, NC

2018 - August 2024, Director, Orthopaedic Foot and Ankle Subspecialty Services & Foot and Ankle Center of Excellence (CMS recognized Total Ankle Replacement Center of Excellence); AdventHealth Hendersonville, Hendersonville, NC

1/2020 - 8/2024 – Physician Chair, Executive Committee, Orthopedic service line co-management committee with AdventHealth Hendersonville Hospital, Emergeortho Blue Ridge Division (fka Blue Ridge Bone & Joint Clinic, PA) Asheville, NC Responsible for the 6 person committee overseeing the co-management agreement and implementation between Emergeortho, Blue Ridge Division & AdventHealth Hendersonville.

2022 - Chair, Hip Fracture Protocol Committee, AdventHealth Hendersonville, Hendersonville, NC, This committee researched, created and implemented a multi-specialty hip fracture protocol which resulted in 100% compliance with getting all medically stable hip fracture patients to the operating room within 24 hours of admission during the 12 months following the protocol's implementation with excellent patient outcomes and reduced hospital length of stay for patients.

1/2023 8/2024, Chief of Staff, Department of Surgery; AdventHealth Hendersonville, Hendersonville, NC

1/2023-8/2024 – Member, Medical Executive Advisory Board, Advent Health Hendersonville Hospital, Hendersonville, NC

1/2023 - 8/2024 - Member, Peer review committee; Advent Health Hendersonville Hospital, Hendersonville, NC

1/2023 - 8/2024 – Member, Perioperative Services Committee; Advent Health Hendersonville Hospital, Hendersonville, NC

1/2023 to 8/2024, Member, Perioperative Surgical Services Committee; AdventHealth Hendersonville, Hendersonville, NC

Regional Service Activities

2003-2005, Chair, Medical Liability Task Force, Western North Carolina Medical Society – I successfully helped create and lead a task force to initiate conversation and advance legislation to reform medical liability laws in the state of North Carolina. In working with the North Carolina Medical Society staff, I traveled extensively in North Carolina and helped organize the creation of 6 separate practice based PACs by the larger groups throughout the state. The task force also developed voter information profiles for each of the candidates and hosted candidate forums during each election cycle along with frequent meetings with legislators to educate them about the issues with medical liability laws in North Carolina.. After I finished my service as the chair of the committee, I remained active in the medical liability reform lobbying efforts for several more election cycles until 2011 when the North Carolina legislature passed Senate Bill 33. This bill reformed medical liability laws including caps on non-economic damages to plaintiffs in medical malpractice cases

2005-2010, Legislative Committee, North Carolina Medical Society

2012, Chairperson, North Carolina Orthopaedic Society Annual Meeting, October, 2012

2012-2013, Secretary, North Carolina Orthopedic Association

2013-2014, Treasurer, North Carolina Orthopedic Association

2014-2015, Vice-President, North Carolina Orthopedic Association

2015-2016, President-Elect, North Carolina Orthopedic Association

2016-2017, President; North Carolina Orthopedic Association

October 2016; Moderator, Trauma/Foot & Ankle/Hand Breakout Session, North Carolina Orthopaedic Association; Pinehurst, NC

2017-2018, Immediate past president, North Carolina Orthopedic Association

October 2017, Moderator, Foot and Ankle Breakout Session, North Carolina Orthopaedic Association, Williamsburg, VA

2019-2024, Executive Committee (BOC member for AAOS), North Carolina Orthopedic Association

2023, Moderator, Symposium: Controversies in Foot and Ankle Surgery, Charleston, SC Eastern Orthopedic Association

October, 2024, Moderator, Foot and Ankle Paper Session, Palm Beach, FL Eastern Orthopedic Association

2025, Moderator for upcoming Annual meeting, Symposium: Current Trends in Foot and Ankle Surgery, Naples, FL, Eastern Orthopedic Association

National Service Activities

1993-1994, Co-President, American Medical Association, Student Section, Emory University

2004-2006, Committee on Membership, Clinical Orthopedic Society

2006 - 2010, Board Member, Member at large; Clinical Orthopedic Society

2012-2024, Member, AOFAS representative, AAOS Coding, Coverage and Reimbursement Committee, American Academy of Orthopaedic Surgeons,

2019-2024, AAOS Board of Councilors, Representative for North Carolina, American Academy of Orthopaedic Surgeons,

2024 - 2026, OITE Trauma Question Writer, AAOS Assessments and Evaluations Committee, 3 year commitment; American Academy of Orthopaedic Surgeons,

International Service Activities

2001 - present, Member, Practice Management Committee, American Orthopedic Foot and Ankle Society (AOFAS) – the AOFAS is a large professional organization US and International members and functions on the national and international stage

July, 2005, Co-moderator of Paper Session, AOFAS Annual Meeting;, Boston, MA.

2008 - 2011, Member, Health Policy Committee; American Orthopedic Foot and Ankle Society (AOFAS)

2009 - 2011, Alternate AOFAS Advisor, AMA/Specialty Society RVS Update Committee (RUC); American Orthopedic Foot and Ankle Society (AOFAS)

2011 - 2019, Executive Committee Educational Director; National Education Orthopedic Society (NOES), I was responsible for organizing educational program every year at annual meeting

July, 2012, Research Session Moderator, American Orthopedic Foot and Ankle Society (AOFAS) Annual Meeting; San Diego, CA.

2012 - 2023, AOFAS RUC Advisor, AMA/Specialty Society RVS Update Committee (RUC); American Orthopedic Foot and Ankle Society (AOFAS)

2012 - 2017, Chair, American Orthopedic Foot and Ankle Society (AOFAS) Practice Management/Coding Committee

2013 - 2021, Executive Committee, ESSKA/AFAS Ankle Instability Group (AIG): Help create the organization/professional society and helped organize meetings over the early years of the organization. AIG is an international group of orthopedic surgeons who have a specialized interest in ankle instability.

October 25 - 26, 2014, Associate Master Instructor of Arthroscopy, Arthroscopy Association of North America (AANA), Foot and Ankle Arthroscopy, Rosemont, IL

August 29 - 30, 2015, Associate Master Instructor of Arthroscopy, Arthroscopy Association of North America (AANA), Foot and Ankle Arthroscopy, Rosemont, IL

September, 2017 - September, 2020, At-Large Member, American Orthopedic Foot and Ankle Society (AOFAS) Foundation Board (OFAF)

2018 - present, President, National Orthopedic Education Society (NOES) I am responsible for organizing an annual education meeting for 40-50 members, this organization is a not for profit 501(c)6 international consortium of orthopedic surgeons who meet yearly for a 4 day orthopedic conference focused on emerging orthopedic trends and research, practice management, and advances in clinical orthopedic practice.

2019 - 2021, President, ESSKA/AFAS Ankle Instability Group (AIG)

September, 2020 - September, 2022, President-Elect, American Orthopedic Foot and Ankle Society (AOFAS) Foundation Board (OFAF)

April, 2021, Vice-Chair, American Orthopedic Foot and Ankle Society (AOFAS) Advanced Foot and Ankle Course, (Virtual)

July, 2022, Chair, American Orthopedic Foot and Ankle Society (AOFAS) Advanced Foot and Ankle Course, (Virtual)

September, 2022 - September, 2024, President, American Orthopedic Foot and Ankle Society (AOFAS) Foundation Board (OFAF)

2022 - 2025, Committee Member, American Orthopedic Foot and Ankle Society (AOFAS) Women's Leadership Committee

2024 - present, Committee member, American Orthopedic Foot and Ankle Society (AOFAS) Post-graduate medical education committee

September, 2025 - Secretary, American Orthopedic Foot and Ankle Society (AOFAS) Board. The Secretary position on the AOFAS Board is in the presidential succession line.

Volunteer medical outreach

1/2000-August 2024, Volunteer physician/provider. Project Access, Asheville, NC
Project Access is a nationally recognized volunteer medical care network developed in Asheville, NC, in 1996 to help provide medical care access for indigent patients who need primary and specialty care. Volunteer medical providers within the Project Access network agreed yearly to see indigent care patients and care for them in their private clinic for no cost.

<https://www.mywcms.org/what-we-do/for-patients-and-community/>

2000-2003 Orthopaedic physician volunteer; ABCCM - Asheville Buncombe County Christian Ministry (indigent care ministry)

Summer 2010, Central United Methodist Church International Medical Mission Trip; Dominican Republic, Role: volunteer physician.

October 1-4, 2025, Steps2Walk Organization; Role: volunteer orthopedic surgeon for mission trip to Comodoro, Argentina.