

MedStar Orthopedic and Sports Medicine Research Network

Foot and Ankle Surgery

Published Journal Articles, Abstracts, and Awards 2025

1. Alkaramany E, Gallagher B, Abbasi P, Guyton GP. Medial and lateral column load distribution after in situ subtalar/talonavicular fusion with and without calcaneocuboid fusion: A cadaveric study. *Foot Ankle Int.* 2025;46(9):1025-9.
2. Alkaramany E, Guyton G. Rate of subsequent midfoot joints fusion after lapidus procedure: a national database study with verified continued patient enrollment [abstr]. *Foot Ankle Orthop.* 2025;10(4):2473011425S00414.
3. Alkaramany E, Rodriguez-Materon S, Dai A, Mansur NS, Guyton GP. Rate of subsequent hallux interphalangeal joint fusion after first metatarsophalangeal fusion: a national database study with verified continued patient enrollment. *Foot Ankle Int.* 2025;46(6):629-32.
4. Anastasio AT, Kiritsis NR, Shaffrey IR, Lintz F, Cornelius C, Mansur NS, Dankert J, O'Neill C, de Cesar Netto C. Arthroscopic ankle arthrodesis vs open ankle arthrodesis: a propensity-matched, retrospective database analysis of medical complications and 2-year nonunion rates. *Foot Ankle Orthop.* 2025;10(4):24730114251386025.
5. da Fonseca LF, Jeyaraman M, Jeyaraman N, Inojossa TR, Maciel ES, de Cesar Netto C, Mansur NS, Astur DC. Normative values of ankle strength and its importance for rehabilitation and return to activity: A cross-sectional study. *World J Orthop.* 2025;16(10):108858.
6. Day J. MicroCT advanced imaging of the foot and ankle: Technique guide. *Foot Ankle Orthop.* 2025;10(2):24730114251351633.
1. Day J, Brooks D, Cunningham B, Hembree W. Microvasculature of the talus following subtalar and talonavicular fusion: A cadaveric micro-computed tomography analysis [abstr]. *Foot Ankle Orthop.* 2025;10(4):2473011425S00331.
2. Day J, Brooks DM, Cunningham BW, Hembree W. Microvasculature of the distal fifth metatarsal following open vs percutaneous bunionette correction: A cadaveric micro-computed tomography analysis [abstr]. *Foot Ankle Orthop.* 2025;10(4):2473011425S00329.
7. Fayed A, Guyton GP. Minimally invasive lapidus procedure. *Progressive Collapsing Foot Deformity (PCFD): A Comprehensive Guide to Diagnosis and Treatment*: Springer; 2026. Accepted for publication

8. Fayed AM, Jones M, de Carvalho KAM, Mansur NSB, de Cesar Netto C. Weightbearing computed tomography measurements in progressive collapsing foot deformity: A contemporary review. *Foot Ankle Orthop.* 2025;10(1):24730114251316547
9. Grün W, Luo E, Pozzessere E, Mansur NS, Vermorel P, Acker A, Anastasio A, Easley M, Lintz F, De Cesar Netto C. More than meets the eye? Evaluating 3D printing for progressive collapsing foot deformity classification [abstr]. *Foot Ankle Orthop.* 2025;10(4):2473011425S00343.
10. Grün W, Luo E, Vermorel P, Acker A, Pozzessere E, Anastasio A, Mansur NS, Easley M, Lintz F, De Cesar Netto C. Joint-sparing reconstruction for progressive collapsing foot deformity: radiographic short-term outcomes and complications in a single-surgeon cohort [abstr]. *Foot Ankle Orthop.* 2025;10(4):2473011425S00312
11. Hembree CW, Mathew S, Kuripla CS, Coleman MM, Shao J, Guyton GP. Peroneus brevis allograft reconstruction: clinical outcomes and complications. *Foot Ankle Orthop.* January 2026;11(1):24730114251412848. PMID: 41625601
12. Huanuco C, Wang C, Luo E, Grün W, Valvecchi T, Mansur NS, Lintz F, Easley M, De Cesar Netto C. Radiographic predictors of middle facet subluxation in progressive collapsing foot deformity [abstr]. *Foot Ankle Orthop.* 2025;10(4):2473011425S00411.
13. Iehl C, Sacco R, Dibbern K, Mansur NSB, Lalevee M, de Cesar Netto C. Assessing the efficacy of a prefabricated inflatable ankle orthotic brace in correcting progressive collapsing foot deformity with weightbearing computed tomography: A prospective case control study. *Foot Ankle Int.* 2026;47(1):103-10.
14. Mansur NS, Cornelius C, Anastasio AT, Dankert J, Chinelati R, Fayed A, De Cesar Netto C. Metallic screws vs bio-integrative screws for calcaneus osteotomies: A non-inferiority randomized clinical trial [abstr]. *Foot Ankle Orthop.* 2025;10(4):2473011425S00325.
15. Mansur NS, Cornelius C, Dankert J, Anastasio AT, Fayed A, Lintz F, Grum W, Pozzessere E, De Cesar Netto C. Bone-block lapidus arthrodesis in the treatment of the collapsed foot: Medium-term outcomes [abstr]. *Foot Ankle Orthop.* 2025;10(4):2473011425S00156.
16. Mansur NSB, Fayed A, Chinelati R, Schmidt E, Lalevee M, de Cesar Netto C. Allograft bone-block plantarflexion first tarsometatarsal arthrodesis: short-term outcomes. *Foot Ankle Int.* 2025;46(11):1248-58.
17. Marcus RE, Rascoe AS, Pasternack J, Guyton G. A novel classification system for fifth metatarsal base fractures is reliable and clinically validated. *Clin Orthop Relat Res.* 2026, In press
18. Rodriguez-Materon S, Miles MR, Hsu NN, Gallagher B, Guyton GP. Nonunion and calcaneocuboid subluxation are minimal after Evans osteotomy without fixation. *Foot Ankle Spec.* 2026, In press

Awards

Belayneh R, Ellis S, Anderson D, Mansur NS, Talaski G, Lintz F, De Cesar Netto C. Enhancing the progressive collapsing foot deformity (PCFD) classification system through the establishment of defined radiographic cut-off threshold values for the different deformity classes. **2025 Roger A. Mann Award**. Presented at the American Orthopaedic Foot and Ankle Society (AOFAS), Savannah, GA, September 2025.

Grants Awarded

Stuart Miller MD – Foot and Ankle

Depuy Synthes Investigator-Initiated study Grant