

Dr. Nathan Wanderman Publications & Presentations – June 2021**INVITED TALKS***Poster/Podium Presentations (National)*

1. Zhou L, Markin A, Durfey A, Inderlie K, Macke L, **Wanderman NW**, Salmen C, Pederson B. Minnesota-Organic Health Response Kenya Alliance (MOKA): a new experiential, community-based, global-health education model for medical and public health students on Mfangano Island, Lake Victoria, Kenya. American Academy of Family Physicians Global Health Workshop 2012, Poster.
2. Alentorn-Geli E, **Wanderman NW**, Assenmacher AT, Sperling JW, Cofield RH, Sanchez-Sotelo J. Anatomic total shoulder arthroplasty with posterior capsular plication versus reverse shoulder arthroplasty in patients with biconcave (B2) glenoids. 2016 Annual Meeting of American Shoulder and Elbow Surgeons, Podium Presentation.
3. **Wanderman NW**, Wagner ER, Moran SL, Rizzo M. Outcomes after MCP Arthroplasty Dislocation: an analysis of 37 consecutive cases. American Association for Hand Surgery Annual Meeting 2017. Podium Presentation—Presenter
4. Wagner ER, **Wanderman NW**, Moran SL, Rizzo M. Outcomes after PIP Arthroplasty Dislocation: an analysis of 28 consecutive cases. American Association for Hand Surgery Annual Meeting 2017. Podium Presentation
5. Anderson G, Wagner E, **Wanderman N**, Rizzo M. Treatment of Total Wrist Arthroplasty Dislocation an analysis of 38 consecutive cases. American Association for Hand Surgery Annual Meeting 2018. Poster presentation.
6. Leafblad N, Wagner E, **Wanderman N**, Rizzo M, Visscher S. Outcomes and Cost Analysis of Needle Aponeurotomy, Collagenase Injection, and Fasciectomy in the Treatment of Dupuytren's Contracture. American Association for Hand Surgery Annual Meeting 2018. AAHS, ASPN, ASRM Joint Outstanding Paper Session Podium Presentation—Presenter.
7. Carlson B, Robinson W, **Wanderman N**, Nassr A, Freedman B. Is the American Orthopaedic Association Own the Bone Database a Representative Sample of Patients Presenting with Osteoporotic Fragility Fractures: A Comparative Analysis? AAOS Annual Meeting 2018. Poster presentation—Presenter.
8. Leafblad N, Wagner E, **Wanderman N**, Rizzo M, Visscher S. Outcomes and Cost Analysis of Needle Aponeurotomy, Collagenase Injection, and Fasciectomy in the Treatment of Dupuytren's Contracture. American Association for Hand Surgery AAOS Annual Meeting 2018. Paper Presentation.
9. **Wanderman NR**, Robinson W, Carlson B, Freedman BA. Tranexamic Acid in Thoracic and Lumbar Fusions and Perioperative Blood Loss. ISSLS Annual Meeting 2018. Poster Presentation—Presenter.

Poster/Podium Presentations (Regional)

1. **Wanderman, NW**. Diabetic Ketoacidosis: Etiologies Beyond Insulin Non-Compliance. Minnesota American Academy of Physicians 2013 Annual Meeting, Poster Presentation—Presenter.
2. Robinson, W. Wagner, ER. Weston, J. **Wanderman, NW**. Moran, SL. Rizzo, M. Does Metacarpophalangeal Arthroplasty Performed on Border Digits Lead to Worse Outcomes? Mid America Orthopedic Association 2017. Podium Presentation—Presenter.
3. Carlson B, Robinson W, **Wanderman NR**, Nassr A, Huddleston P, Yaszemski M, Currier B, Edwards B, Kirk K, Bunta A, Murphy S, Patel B, Watkins C, Sietsema D, Tosi L, Anderson P, Freedman B, Jeray K. Osteoporotic Fractures of the Distal Radius Compared to Osteoporotic Fractures of the Spine: A Review of Patient Risk Factors and Treatment Disparities. Mid America Orthopedic Association 2018. Podium Presentation—Presenter.
4. Leafblad N, Wagner E, **Wanderman N**, Rizzo M, Visscher S. Outcomes and Cost Analysis of Needle Aponeurotomy, Collagenase Injection, and Fasciectomy in the Treatment of Dupuytren's Contracture. Mid America Orthopedic Association 2018. Podium Presentation—Presenter.
5. **Wanderman NR**, Giambini H, Mallet C, Bao N, Currier BL, An KN, Zhao C, Nassr, A. Effects of Human Recombinant Parathyroid Hormone (PTH) Treatment on the Osteoporotic Spine: A Rabbit Model of Spinal Fusion. Mid America Orthopedic Association 2019. Podium Presentation—Presenter.

PUBLICATIONS

Peer-Reviewed Articles

1. **Wanderman N**, Thurn J, Wyffels M, Sembrano JN. Successful Treatment of Mycobacterium gordonae Sacroiliitis Using a Novel Minimally Invasive Sacroiliac Joint Arthrodesis: A Case Report. JBJS Case Connect. 2016;6(3):e55.
2. Alentorn-Geli E, **Wanderman NR**, Assenmacher AT, et al. Reverse Shoulder Arthroplasty in Patients With Amputation or Paralysis of the Contralateral Upper Extremity (One-Arm Patients). PM R. 2017;9(10):1006-1012.
3. **Wanderman NR**, Wagner E, Moran S, Rizzo M. Outcomes Following Acute Metacarpophalangeal Joint Arthroplasty Dislocation: An Analysis of 37 Cases. J Hand Surg Am. 2017.
4. Alentorn-Geli E, **Wanderman NR**, Assenmacher AT, Sanchez-Sotelo J, Cofield RH, Sperling JW. Reverse Shoulder Arthroplasty In Weight-Bearing Shoulders Of Wheelchair-Dependent Patients. PM R. 2017.
5. **Wanderman NR**, Francois EL, Nassr A, Sebastian AS. Is Minimally Invasive Transforaminal Interbody Fusion Superior to Traditional Open Technique? Clin Spine Surg. 2017
6. **Wanderman NR**, Freedman B, Currier B, Huddleston P, Yaszemski M, Nassr A. Interpreting the DXA analysis: When should you hold off on spinal fusion? Seminars in Spine Surgery. 2017.

7. **Wanderman NR**, Mallet C, Giambini H, Bao N, Zhao C, An KN, Freedman BA, Nassr A. An Ovariectomy Induced Rabbit Osteoporotic Model: A New Perspective. *The Asian Spine Journal*. 2018 Feb; No. 12, Vol 1.
8. Alentorn-Geli E, **Wanderman NR**, Assenmacher AT, Sperling JW, Cofield RH, Sanchez-Sotelo J. Anatomic total shoulder arthroplasty with posterior capsular plication versus reverse shoulder arthroplasty in patients with biconcave glenoids: A matched cohort study. *J Orthop Surg (Hong Kong)*. 2018;26(2):2309499018768570.
9. Carlson BC, Robinson WA, **Wanderman NR**, Nassr A, Huddleston P, Yaszemski M, Currier B, Edwards B, Kirk K, Bunta A, Murphy S, Patel B, Watkins C, Sietsema D, Tosi L, Anderson P, Freedman B, Jeray K. The American Orthopaedic Association's Own the Bone(R) database: a national quality improvement project for the treatment of bone health in fragility fracture patients. *Osteoporos Int*. 2018.
10. Shuler MS, Roskosky M, Kinsey T, Glaser Consulting, Reisman W, Ogburn C, Yoeman C, **Wanderman NR**, Freedman B.. Continual near-infrared spectroscopy monitoring in the injured lower limb and acute compartment syndrome. *Bone Joint J*. 2018;100-B(6):787-797.
11. Tomov M, **Wanderman N**, Berbari E, Currier B, Yaszemski M, Nassr A, Huddleston P, Bydon M, Freedman B. An Empiric Analysis of 5 Counter-measures Against Surgical Site Infections Following Spine Surgery-A Pragmatic Approach and Review of the Literature. *Spine J*. Jun 1 2018.
12. Pisano AJ, Butler JS, Sebastian A, Wagner SC, **Wanderman N**. Does Surgically Managed Grade I Degenerative Lumbar Spondylolisthesis Require Fusion? *Clin Spine Surg*. Jul 2 2018.
13. Alentorn-Geli E, **Wanderman NR**, Assenmacher AT, Sperling JW, Cofield RH, Sanchez-Sotelo J. Revision anatomic shoulder arthroplasty with posterior capsular plication for correction of posterior instability. *Journal of Orthopaedic Surgery*. May-Aug 2018;26(3):2309499018789527.
14. **Wanderman N**, Carlson B, Robinson W, et al. Does Recombinant Human Bone Morphogenetic Protein 2 Affect Perioperative Blood Loss after Lumbar and Thoracic Spinal Fusion? *Asian Spine J*. 2018;12(5):880-886.
15. **Wanderman NR**, Drayer NJ, Tomov M, et al. Postoperative Seroma Formation After Posterior Cervical Fusion with Use of RhBMP-2: A Report of Two Cases. *JBJS Case Connect*. 2018;8(3):e74.
16. **Wanderman N**, Geletta M, Sharma R, Sebastian A, Kaye D. Decompression With or Without Fusion for Adjacent Segment Disease Without Instability. *Clin Spine Surg*. 2018.
17. Yoon JW, **Wanderman NR**, Kerezoudis P, et al. Enterobacter Infection after Spine Surgery: An Institutional Experience. *World Neurosurg*. 2018.
18. Yolcu Y, Alvi M, **Wanderman N**, et al. Effect of Teriparatide Use on Bone Mineral Density and Spinal Fusion: A Narrative Review of Animal Models. *Int J Neurosci*. 2018:1-12.
19. **Wanderman N**, Alvi M, Yolcu Y, et al. Is Teriparatide Beneficial to Spinal Fusion Surgery in the Older Patient?: A Narrative Review. *Clin Spine Surg*. 2019.

20. **Wanderman N**, Sebastian A, Fredericks DR, Jr., Slaven SE, Helgeson MD. Bullet Cage Versus Crescent Cage Design in Transforaminal Lumbar Interbody Fusion. *Clin Spine Surg.* 2019.
21. Sebastian AS, **Wanderman NR**, Currier BL, et al. Prospective Evaluation of Radiculitis following Bone Morphogenetic Protein-2 Use for Transforaminal Interbody Arthrodesis in Spine Surgery. *Asian Spine J.* 2019.
22. **Wanderman N**, Robinson W, Carlson B, et al. Tranexamic Acid in Thoracic and Lumbar Fusions and Perioperative Blood Loss. *Clin Spine Surg.* 2019.
23. Carlson BC, Robinson WA, **Wanderman NR**, et al. A Review and Clinical Perspective of the Impact of Osteoporosis on the Spine. *Geriatr Orthop Surg Rehabil.* 2019;10:2151459319861591.
24. Leafblad ND, Wagner E, **Wanderman NR**, et al. Outcomes and Direct Costs of Needle Aponeurotomy, Collagenase Injection, and Fasciectomy in the Treatment of Dupuytren Contracture. *J Hand Surg Am.* 2019;44(11):919-927.
25. Alentorn-Geli E, **Wanderman NR**, Assenmacher AT, Cofield RH, Sanchez-Sotelo J, Sperling JW. Reverse shoulder arthroplasty for patients with glenohumeral osteoarthritis secondary to glenoid dysplasia. *Acta Orthop Belg.* 2019;85(3):274-282.
26. Shirley M, **Wanderman N**, Keaveny T, Anderson P, Freedman BA. Opportunistic Computed Tomography and Spine Surgery: A Narrative Review. *Global Spine Journal.*0(0):2192568219889362.
27. Robinson WA, Carlson BC, Poppendeck H, **Wanderman N**, et al. Osteoporosis-Related Vertebral Fragility Fractures: A Review and Analysis of the American Orthopaedic Association's Own the Bone Database. *Spine (Phila Pa 1976).* 2019.
28. Yolcu YU, Zreik J, Alvi MA, **Wanderman NR** et al. Use of teriparatide prior to lumbar fusion surgery lowers two-year complications for patients with poor bone health. *Clin Neurol Neurosurg.* 2020;198:106244.
29. Thompson JC, **Wanderman N**, Anderson PA, Freedman BA. Abaloparatide and the Spine: A Narrative Review. *Clin Interv Aging.* 2020;15:1023-1033.

Book Chapters

1. **Wanderman NR**, Aleem IS, Nassr A. Vertebral Osteomyelitis and Discitis, Chapter 33. In: Tannoury T, Anderson DG, Tannoury C. *Minimally Invasive Spinal Surgery.* 2017.
2. Freedman B, **Wanderman NR**, Yoon, T. Cervical Spinal Stenosis, Chapter 109. In: Miller M, Hart J, MacKnight J. *Essential Orthopedics, Second Edition.* 2018.

Forthcoming

1. Effects of Human Recombinant Parathyroid Hormone (PTH) Treatment on the Osteoporotic Spine: A Rabbit Model of Spinal Fusion
2. Evaluation of Bone Mineral Density After Instrumented Lumbar Fusion with Computed Tomography