

Dr. Nishant Dwivedi Publications & Presentations

PUBLICATIONS

Manuscripts

1. **Dwivedi, N.**, Calfee, R.P., Wall, L.B., Boyer, M.I., Brogan, D.M., Dy, C.J., & Goldfarb, C.A. Trapeziectomy with Ligament Reconstruction/Suspensionplasty Compared to Suture Tape Suspensionplasty for the Surgical Treatment of Advanced Thumb Carpometacarpal Osteoarthritis. (2023). *The Journal of Hand Surgery Global Online*, <https://doi.org/10.1016/j.jhsg.2023.07.006>.
2. **Dwivedi, N.**, Goldfarb, C.A., & Calfee, R.P. (2023). The Responsiveness of the Patient-Reported Outcomes Measurement Information System Upper Extremity and Physical Function in Patients With Cubital Tunnel Syndrome. *The Journal of Hand Surgery*, 48(2), 134-140.
3. **Dwivedi, N.**, Goldfarb, C.A., Bauer, A., Bohn, D., Samora, J.B., Wall, L.B., & CoULD Study Group (2022). An Analysis of Associated Conditions and the Relationship Between the Severity of Hand Manifestations With That of the Forearm in Ulnar Longitudinal Deficiency. *The Journal of Hand Surgery*, S0363-5023(22)00309-4. Advance online publication. <https://doi.org/10.1016/j.jhsa.2022.05.021>.
4. **Dwivedi, N.**, Goldfarb, C.A., & Wall, L.B. Functional Outcomes and Health-Related Quality of Life of Adults with Congenital Below-Elbow Amputation in North America. (2022). *The Journal of Hand Surgery*, S0363-5023(22)00399-9. Advance online publication. <https://doi.org/10.1016/j.jhsa.2022.07.003>.
5. **Dwivedi, N.**, Paulson, A.E., Johnson, J.E., & Dy, C.J. (2022). Surgical Treatment of Foot Drop: Patient Evaluation and Peripheral Nerve Treatment Options. *The Orthopedic clinics of North America*, 53(2), 223-234.
6. **Dwivedi, N.**, Paulson, A.E., Dy, C.J., & Johnson, J.E. (2022). Surgical Treatment of Foot Drop: Pathophysiology and Tendon Transfers for Restoration of Motor Function. *The Orthopedic clinics of North America*, 53(2), 235-245.
7. **Dwivedi, N.**, Breslin, M., McDermott, A., Lin, S., Vallier, H.A., Tornetta III, P. (2020). What is the Financial Impact on Safety-Net Hospitals of Orthopaedic Sequelae of Intravenous Drug Use? *Editor's Spotlight: Clinical Orthopaedics and Related Research*, 478(10), 2193-2411.
8. Chokshi, F.H., Kadom, N., **Dwivedi, N.**, Kundu, S., Moussa, A., Tannoury, C., Tannoury, T. (2019). Radiographic Cobb Angle: A Feature of Congenital Lumbar Spine Stenosis. *Current Problems in Diagnostic Radiology*, 48(1), 45-49.
9. Wang, X., Lockhart, S.M., Rathjen, T., Albadawi, H., Sorensen, D., O'Neill, B.T., **Dwivedi, N.**, Preil, S.R., Becj, H.C., Dunwoodie, S.L., Watkins, M.T., Rasmussen, L.M. and Rask-Madsen, C. (2016). Insulin Downregulates the Transcriptional Coregulator CITED2, an Inhibitor of Proangiogenic Function in Endothelial Cells. *Diabetes*, 65(12), 3680-3690.

10. Sengupta, A., **Dwivedi, N.**, Kelly S.C., Thadhani, N.N. and Prausnitz, M.R. (2015). Poloxamer Surfactant Preserves Cell Viability During Photoacoustic Delivery of Molecules Into Cells. *Biotechnology and Bioengineering*, 112(2), 405-415.
11. Sengupta, A., Kelly, S.C., **Dwivedi, N.**, Thadhani, N. and Prausnitz, M.R. (2014). Efficient Intracellular Delivery of Molecules with High Cell Viability Using Nanosecond-Pulsed Laser Activated Carbon Nanoparticles. *ACS Nano*, 8(3), 2889-2899.

Manuscripts (Actively in Progress)

1. **Dwivedi, N.**, Pirkle, S., Iannuzzi, N. Outcomes and Complications Following Surgical Treatment of Open Distal Radius Fractures. (2024). *In Progress*.
2. Tarkunde, Y., **Dwivedi, N.**, Wall, L.B. Assessment and Validation of the Unilateral Below-Elbow Test in a Health Adult Population Cohort. (2023). *In Progress*.

Abstracts

1. **Dwivedi, N.**, Boyer, M.I., Goldfarb, C.A. (2022). *LRTI versus Trapeziectomy with Suture Tape Suspensionplasty for the Surgical Treatment of Advanced Thumb Carpometacarpal Arthritis*. American Society for Surgery of the Hand 77th Annual Meeting, Boston, MA.
2. **Dwivedi, N.**, Goldfarb, C.A., Bauer, A., Bohn, D., Samora, J.B., Wall, L.B. (2021). *The Association between Hand and Forearm Severity in Ulnar Longitudinal Deficiency*. American Society for Surgery of the Hand 76th Annual Meeting, San Francisco, CA.
3. **Dwivedi, N.**, Goldfarb, C.A., Wall, L.B. (2021). *Functional Outcomes and Health-Related Quality of Life of Adults with Congenital Below-Elbow Deficiency*. American Society for Surgery of the Hand 76th Annual Meeting, San Francisco, CA.
4. **Dwivedi, N.**, Goldfarb, C.A., Calfee, R.P. (2021). *The Minimal Clinically Important Difference for PROMIS Upper Extremity and Physical Function in Patients with Cubital Tunnel Syndrome*. American Society for Surgery of the Hand 76th Annual Meeting, San Francisco, CA.
5. **Dwivedi, N.**, Vallier, H., & Tornetta III, P. (2019). *The Affordable Care Act Under Supports Safety Net Hospitals for Orthopedic Complications of IVDU*. American Orthopaedic Association 132nd Annual Meeting, San Diego, CA.

Book Chapters

1. **Dwivedi, N.**, & Calfee R.P. (2022). The One-Bone Forearm: A Salvage Procedure for Refractory Forearm Instability. In *ASSH Surgical Anatomy: Ulnar-Sided Wrist Disorders* (1st ed., Vol 1, pp. 315-329). essay, ASSH.

PRESENTATIONS & POSTERS

1. **Dwivedi, N.**, Boyer, M.I., Goldfarb, C.A. (2022). *LRTI versus Trapeziectomy with Suture Tape Suspensionplasty for the Surgical Treatment of Advanced Thumb Carpometacarpal Arthritis*. Annual Meeting ePoster: American Society for Surgery of the Hand 77th Annual Meeting, Boston, MA.
2. **Dwivedi, N.**, Goldfarb, C.A., Bauer, A., Bohn, D., Samora, J.B., Wall, L.B. (2021). *The Association between Hand and Forearm Severity in Ulnar Longitudinal*

Deficiency. Live Podium Presentation: 39th Adrian E. Flatt Residents and Fellows Conference, American Society for Surgery of the Hand 76th Annual Meeting, San Francisco, CA.

3. **Dwivedi, N.**, Goldfarb, C.A., Wall, L.B. (2021). *Functional Outcomes and Health-Related Quality of Life of Adults with Congenital Below-Elbow Deficiency*. Pre-recorded Podium Presentation: American Society for Surgery of the Hand 76th Annual Meeting, San Francisco, CA.
4. **Dwivedi, N.**, Goldfarb, C.A., Bauer, A., Bohn, D., Samora, J.B., Wall, L.B. (2021). *The Association between Hand and Forearm Severity in Ulnar Longitudinal Deficiency*. Annual Meeting ePoster: American Society for Surgery of the Hand 76th Annual Meeting, San Francisco, CA.
5. **Dwivedi, N.**, Goldfarb, C.A., Calfee, R.P. (2021). *The Minimal Clinically Important Difference for PROMIS Upper Extremity and Physical Function in Patients with Cubital Tunnel Syndrome*. Annual Meeting ePoster: American Society for Surgery of the Hand 76th Annual Meeting, San Francisco, CA.
6. **Dwivedi, N.**, Goldfarb, C.A., Wall, L.B. (2021). *Functional Outcomes and Health-Related Quality of Life of Adults with Congenital Below-Elbow Deficiency*. Residents and Fellows ePoster: American Society for Surgery of the Hand 76th Annual Meeting, San Francisco, CA.
7. **Dwivedi, N.**, Vallier, H., Tornetta III, P. (2020). *The Financial Impact of Orthopedic Sequelae of Intravenous Drug Use on Urban Tertiary-care Centers*. The American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL (accepted).
8. **Dwivedi, N.**, Vallier, H., Tornetta III, P. (2019). *The Affordable Care Act Under Supports Safety-Net Hospitals for Orthopedic Complications of IVDA*. The American Orthopaedic Association 132nd Annual Meeting, San Diego, CA.
9. Tannoury, C., **Dwivedi, N.**, Choksi, F., Moussa, A., Tannoury, T. and Kadom, N. (2016). *Imaging Measurements for Congenital Lumbar Spinal Stenosis*. Lumbar Spine Research Society Annual Meeting, Chicago, IL.
10. **Dwivedi, N.**, Chokshi, F., Moussa, A., Tannoury, C., Tannoury, T. and Kadom, N. (2016). *Imaging of Congenital Lumbar Spinal Stenosis: Comparison of Three Measurement Techniques for Greater Diagnostic Yield*. American Society of Neuroradiology Annual Meeting. Washington DC.
11. **Dwivedi, N.**, Chokshi, F., Moussa, A., Tannoury, C., Tannoury, T. and Kadom, N. (2016). *Radiologic Techniques for Diagnosis of Congenital Lumbar Spinal Stenosis*. Translational Research Symposium, Boston University Clinical & Translational Science Institute, Boston, MA.
12. **Dwivedi, N.**, Moussa, A., Kadom, N., Tannoury, T., and Tannoury, C. (2015). *Congenital Lumbar Stenosis: Radiographic Evaluation and Clinical Outcomes*. Medical Student Summer Research Program Symposium, Boston University School of Medicine, Boston, MA.
13. **Dwivedi, N.**, Wang, X., and Rask-Madsen, C. (2014). *CITED2: An Essential Transcriptional Modulator and Key Regulator of the Hypoxic Stress Response*. Summer Student Internship Program Symposium, Joslin Diabetes Center, Boston, MA.
14. **Dwivedi, N.**, Morse, K., Norimine, J., and Brown, W.C. (2010). *Development of a Vaccine against the St. Maries Strain of Tick-Borne Anaplasma marginale*. Sciences and Engineering Undergraduate Research Poster Competition, Washington State University, Pullman, WA.