



## Daniel R. Lewis, MD

### Bio

Dr. Lewis serves as the President and Chairman of the board of OrthoCarolina.

"I could not be more proud of the culture that we have built. We have become an organization that provides world-class patient care and is a leader in education and research. Just as important, we value and respect all of our team members who allow us to take care of our community."

OrthoCarolina is honored and dedicated to Make Lives Better.

**P: 704.323.2426**

### Patient Rating:

4.9 out of 5 Stars

- OrthoCarolina President and Chairman of the Board (Charlotte, N.C.)
- OrthoCarolina Hand Fellowship Faculty
- Assistant Professor Atrium Health, Department Orthopedic Surgery
- Atrium Health Orthopedic Surgery Residency Teaching Staff

### LOCATIONS

- Brachial Plexus and Limb Paralysis Center
- Hand Center
- Matthews
- Spasticity Clinic

### Education

- **Youngstown State University** -- *Bachelor of Science*
- **Medical College of Ohio** -- *Doctor of Medicine*
- **Michigan State University, Kalamazoo Center for Medical Studies** -- *Residency*
- **Indiana Hand Center** -- *Fellowship, Hand & Upper Extremity*

### CLINICAL SPECIALTIES

- Elbow
- Hand
- Wrist

### Practice

- Member of the American Society for Surgery of the Hand (ASSH)
- Member of the American Academy of Orthopedic Surgeons (AAOS)
- Member of the American Association of Hand Surgeons (AAHS)
- Member of the North Carolina Orthopedic Association (NCOA)
- Member of the Mecklenburg Medical Society

### Awards

- **Named a 2023 Top Doctor by Charlotte Magazine**

- **2022** [North Carolina's Top Doctors](#), Charlotte Region, SouthPark Magazine
- Named a 2021 Top Doctor by Charlotte Magazine

## Research

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### PUBLICATIONS

- **Lewis DR.** "Imaging", Chapter. 2. Eltorai AF, Akelman E. *Orthopedic Hand Trauma*. Philadelphia, PA. Wolters Kluwer Helth, (2020)
- **Marinello PG, Gaston RG, Loeffler BJ, Lewis DR.** Steindler Flexorplasty: A Description of Current Technique and Case Series. *Techniques Hand and Upper Extremity*. 2019 Dec;23(4):165-169.
- Chung KC, Malay S, Shauver MJ; Wrist and Radius Injury Surgical Trial Group (**Lewis DR, Gaston RG, Loeffler BJ, Ward AW, Osier LK, Gaul JS, Gantt EG**). The Complexity of Conducting a Multicenter Clinical Trial: Taking It to the Next Level Stipulated by the Federal Agencies. *Plast Reconstr Surg*. 2019 Dec;144(6):1095e-1103e
- Chung KC, Sasor SE, Speth KA, Wang L, Shauver MJ; **WRIST Group (Lewis DR, Gaston RG, Loeffler BJ, Ward AW, Osier LK, Gaul JS, Gantt EG)**. Patient satisfaction after treatment of distal radial fractures in older adults. *J Hand Surg Eur Vol*. 2020 Jan;45(1):77-84. Epub 2019 Oct 4.
- The Relationship between Hand Therapy and Long-Term Outcomes after Distal Radius Fracture in Older Adults: Evidence from the Randomized Wrist and Radius Injury Surgical Trial. Chung KC, Malay S, Shauver MJ; Wrist and Radius Injury Surgical Trial Group (**Lewis DR, Gaston RG, Loeffler BJ, Ward AW, Osier LK, Gaul JS, Gantt EG**) *Plast Reconstr Surg*. 2019 Aug;144(2):230e-237e. doi: 10.1097/PRS.0000000000005829. PMID: 31348349
- Predicting Outcomes After Distal Radius Fracture: A 24-Center International Clinical Trial of Older Adults.
- Chung KC, Kim HM, Malay S, Shauver MJ; WRIST Group (**Lewis DR, Gaston RG, Loeffler BJ, Ward AW, Osier LK, Gaul JS, Gantt EG**) *J Hand Surg Am*. 2019 Jul 22. pii: S0363-5023(18)31628-9. doi: 10.1016/j.jhsa.2019.05.016. [Epub ahead of print] PMID: 31345563
- Chung KC<sup>1</sup>, Malay S<sup>1</sup>, Shauver MJ<sup>1</sup>, Kim HM<sup>2</sup>; WRIST Group (**Lewis DR, Gaston RG, Loeffler BJ, Ward AW, Osier LK, Gaul JS**). "Assessment of Distal Radius Fracture Complications Among Adults 60 Years or Older: A Secondary Analysis of the WRIST Randomized Clinical Trial." *JAMA Network Open*. 2019 Jan 4;2(1):e187053. doi: 10.1001/jamanetworkopen.2018.7053.

- The Relationship between Hand Therapy and Long-Term Outcomes after Distal Radius Fracture in Older Adults: Evidence from the Randomized Wrist and Radius Injury Surgical Trial. Chung KC, Malay S, Shauver MJ; Wrist and Radius Injury Surgical Trial Group (**Lewis DR, Gaston RG, Loeffler BJ, Ward AW, Osier LK, Gaul JS, Gantt EG**) *Plast Reconstr Surg.* 2019 Aug;144(2):230e-237e. doi: 10.1097/PRS.0000000000005829. PMID: 31348349
- Predicting Outcomes After Distal Radius Fracture: A 24-Center International Clinical Trial of Older Adults.
- Chung KC, Kim HM, Malay S, Shauver MJ; WRIST Group (**Lewis DR, Gaston RG, Loeffler BJ, Ward AW, Osier LK, Gaul JS, Gantt EG**) *J Hand Surg Am.* 2019 Jul 22. pii: S0363-5023(18)31628-9. doi: 10.1016/j.jhsa.2019.05.016. [Epub ahead of print] PMID: 31345563
- **Loeffler B, Lewis DR:** Restoration of Elbow Flexion. *Hand Clinics.* 2016 Aug; 32(3):311-21
- **Brannan PS, Gaston RG, Loeffler B, Lewis DR:** Complications With Use of BMP-2 in Scaphoid Nonunion Surgery. *J Hand Surg Am.* 2016 May; 41(5):602-8.
- **Gaston RG, Ward WA, Lewis DR, Gantt EG, Osier, Gaul JS, Perlik PC, Chadderdon RC, Baker DS, Boatright JR:** Wrist and Radius Injury Surgery Trial (WRIST) Study Group: Reflections one Year into the 21 Center NIH-funded Wrist Study. A Primer on Conducting a Multicenter Clinical Trial. *J Hand Surg. Am.* 2013 Jun;38:1194-12-1.
- **Gaston RG, Lewis DR:** Animal Bites to the Hand. *Current Orthopedic Practice.* 2010; 21(6):559-563.

### Peer-Reviewed Publications

- Loeffler BJ, **Lewis DL:** Restoration of elbow flexion. *Hand Clinics* August 2016
- *Brannon P*, Gaston RG, **Lewis D**, Loeffler B: "Complications with the Use of BMP-2 in Scaphoid Nonunion Surgery". *J Hand Surg Am.* 2016 May;41(5):602-8. doi: 10.1016/j.jhsa.2016.01.013. Epub 2016 Mar 22. PMID: 27013317
- \*Gaston RG, Ward WA, **Lewis DL**, Gantt EG, Osier LK, Gaul JS, Perlik PC, Chadderdon RC, Baker DS, Boatright JR; Wrist and Radius Injury Surgery Trial (WRIST) Study Group: Reflections One Year into the 21 Center NIH-funded WRIST Study. A Primer on Conducting a Multicenter Clinical Trial. *Journal of Hand Surgery*, 2013 Jun;38:1194-1201. \*denotes group study

- Gaston RG, **Lewis DR**. Animal Bites to the Hand. Current Orthopaedic Practice. 2010;21(6):559-563

### National and Regional Presentations

- **Lewis DR, Reid R, Pierrie S, Brannan PS, Loeffler BJ, Gaston RG, Gart MS**. The Incidence of PTSD and Depression in Adults with Operatively Treated Traumatic Brachial Plexus Palsy; e-Poster: American Association of Hand Surgery Annual Meeting; 2019 Jan 30-Feb 2; Palm Desert, CA
- **Marinello PG, Loeffler BJ, Gaston RG, Lewis DR**. Celebrating 100 Years of the Steindler Flexorplasty - A Systematic Review of Literature, Description of Current Technique, and Outcomes. e-Poster: American Association of Hand Surgery Annual Meeting; 2019 Jan 30-Feb 2; Palm Desert, CA
- **Lewis DR, Reid R, Pierrie S, Brannan PS, Loeffler BJ, Gaston RG, Gart MS**. The incidence of PTSD and Depression in Adults with Operatively Treated Traumatic Brachial Plexus Palsy; Podium Presentation: 64<sup>th</sup> Annual Meeting of the Plastic Surgery Research Council; 2019 May 2-5; Baltimore, MD
- **Marinello PG, Loeffler BJ, Gaston RG, Lewis DR**. Celebrating 100 Years of the Steindler Flexorplasty - A Systematic Review of Literature, Description of Current Technique, and Outcomes. I-Poster: American Society for Surgery of the Hand Annual Meeting; 2018 Sep 13-15; Boston, MA
- McKnight RR, **Gaston RG, Lewis DR, Tait MA, Bracey JW, Odum S**. Retrospective Comparison of Capitulum Fusion Using Headless Compression Screws vs Nitinol Memory Staples for SLAC and SNAC Wrist: Radiographic, Functional, and Patient-Reported Outcomes. I-Poster: American Society for Surgery of the Hand Annual Meeting; 2018 Sep 13-15; Boston, MA
- **Gart MS, Secrist EJ, Lewis DR, Gaston RG, Loeffler BL**. Direct Transfer of Split Pectoralis Major Using Combined Suture Button and Tendon Allograft Technique for the Treatment of Scapular Winging. Video Presented at the 73<sup>rd</sup> Annual Meeting of the American Society for Surgery of the Hand, September 13-15, 2018, Boston, MA.
- **Kruse LM, Gaston RG, Chadderdon RC, Loeffler BJ, Lewis DR**. Betamethasone versus Ketorolac Injection for the Treatment of De Quervain's Tenosynovitis: A Double-Blind Randomized Clinical Trial. Podium Presentation: American Academy of Orthopaedic Surgeons Annual

Meeting; 2018 Mar 6-10; New Orleans, LA

- Infection Rates in Open Hand Fractures: Can Treatment be Delayed? : **Tait MA, Bracey J, Roulette P, Lewis DR**. Podium Presentation 2017 AAOS Annual Meeting. Lymphedema Following Upper Extremity Surgery in Women Post Axillary Lymph Node Dissection: A Prospective, Cohort Study. North Carolina Orthopedic Association Annual Meeting 2016. Pinehurst NC.
- **Mark MD, Gaston RG, Osier LK, Odum, SM, Lewis DR, Loeffler BJ, Chadderdon RC, Ward WA, Hammert WC, Chung KC, Wolf JM:** Lymphedema Following Elective Hand and Wrist Surgery in Women who are Post Axillary Lymph Node Dissection: A Prospective, Cohort Study. Podium. 9/29/2016. Best Papers. 71<sup>st</sup> Annual Meeting ASSH. Austin, Tx
- **Gaston RG, Chadderdon RC, Gantt EG, Gaul JS, Lewis DR, Loeffler BJ, Osier LK, Perlik PC, Ward WA.** A Randomized Phase 2a, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Evaluate the Safety and Effectiveness of Collagenase Clostridium Histolyticum (CCH) in the Treatment of Dupuytren's Disease Nodules. Podium 9/29/2016. 71<sup>st</sup> Annual Meeting ASSH. Austin, Tx
- **Tait MD, Bracey JW, Roulette P, Lewis DR, Loeffler, BJ.** Infection Rates in Open Hand Fractures: Can Treatment Be Delayed? E- Poster: 71<sup>st</sup> Annual Meeting ASSH. Austin, Tx
- **Tait MD, Gaston RG, Brannan PS, Lewis DR, Loeffler, BJ.** The Incidence of PTSD and Depression in Adults with Operatively Treated Traumatic Brachial Plexus Palsy. E-Poster: 71<sup>st</sup> Annual Meeting ASSH. Austin, Tx
- **Tait MD, Bracey JW, Lewis DR, Gaston RG, Loeffler, BJ:** Comparison of Early Outcomes and Complications of Scaphoid Excision and Capitulum Arthrodesis with Screws versus Staples . E-Poster: 71<sup>st</sup> Annual Meeting ASSH. Austin, Tx.
- **Brannan P, Gaston RG, Lewis DR, Loeffler BJ:** "Complications with the Use of BMP-2 in Scaphoid Nonunion Surgery" (Paper #13), 70<sup>th</sup> Annual Meeting ASSH. 9/11/2015. Seattle, WA. Poster: American Society for Surgery of the Hand Annual Meeting; 2017 Sept 7-9; San Francisco, CA
- **Kruse LM, Gaston RG, Chadderdon RC, Loeffler BJ, Lewis DR.** Betamethasone versus Ketorolac Injection for the Treatment of De Quervain's Tenosynovitis: A Double-Blind Randomized Clinical Trial.

## Team

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- Administrative Assistant: Crystal Sigmon
- Clinical Assistant: Katherine Bagnato
- Surgery Scheduler: Sarah Martoccia

- PA: Timothy Miller, PA-C