



## Gregory F. Pereira, MD

### Bio

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Dr. Pereira was raised in Chapel Hill, North Carolina, and completed his undergraduate education at UNC-Chapel Hill, where he was awarded a four-year academic scholarship. He then moved to Philadelphia for medical school at the Perelman School of Medicine at the University of Pennsylvania where he worked at the Center for Health Care Transformation and Innovation. After medical school, Dr. Pereira returned to North Carolina for the remainder of his medical training, completing his Orthopedic Surgery Residency at Duke University Medical Center and his Fellowship in Hand, Microvascular, and Upper Extremity Surgery at OrthoCarolina.

In addition to his surgical expertise, Dr. Pereira has remained active in clinical research and innovation within orthopedics to improve patient care. He has published over 20 peer-reviewed publications, presented at regional and national conferences, and has worked with industry partners on the development of medical devices.

Outside of orthopedics, Dr. Pereira enjoys spending time with friends and family at the lake and continues to practice a variety of water sports including wakeboarding, wake surfing, and slalom skiing. He also enjoys watching basketball and football, traveling, and hiking with his wife and two rescue puppies.

### LOCATIONS

- Lake Norman
- Mooresville

### CLINICAL SPECIALTIES

- Elbow
- Hand
- Specialties
- Wrist

### Education

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- University of North Carolina at Chapel Hill- Bachelor of Science in Public Health
- University of Pennsylvania School of Medicine- Doctor of Medicine
- Duke University School of Medicine- Orthopedic Surgery Residency Program
- OrthoCarolina- Hand Fellowship

# Practice

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## In-Office Procedures:

- Carpal tunnel release
- Trigger finger release
- 1st dorsal compartment (De Quervain) release
- Mucous cyst excision
- Ganglion cyst excision
- Simple hardware removal
- Mass excisions

## Arthritis:

- CMC arthroplasty (basilar thumb arthritis)
- Small joint fusion procedures
- Joint replacement (arthroplasty) procedures
- Denervation procedures
- Proximal row carpectomy
- Partial and total wrist fusion

## Peripheral Nerve Entrapment and Injury:

- Carpal tunnel release
- Cubital tunnel release
- Peripheral nerve repairs
- Peripheral nerve transfers

## Tendon injuries and Tenosynovitis:

- Extensor tendon repairs
- Flexor tendon repairs and reconstructions
- Tendon transfers
- Tenosynovectomy procedures

## Trauma and Fracture Management:

Surgical and nonsurgical management of fractures of the hand, wrist, and elbow:

- Distal radius fractures
- Metacarpal fractures
- Olecranon fractures
- Phalanx fractures
- Scaphoid and carpal fractures
- Radial head fractures
  - Fingertip injuries
  - Ligament injuries
  - Management of chronic arthritic deformity from prior trauma

## Arthroscopy

- Diagnostic wrist arthroscopy
- TFCC debridement and repair

## Other

- Dupuytren disease
- Avascular necrosis
- Targeted muscle reinnervation (TMR)
- Regenerative peripheral nerve interface (RPNI)

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- American Society of Surgery of the Hand (2021-present)
  - American Academy of Orthopaedic Surgeons (2018-present)
  - American Orthopaedic Association (2018- present)
  - American Medical Association (2014-present)
  - Piedmont Orthopedic Society (2023-present)
  - Medical Advisory Board Member - Arbutus Medical Inc (2022- present)
  - Co-Lead Consultant for Skeletal Traction Product Design- Arbutus Medical Inc (2022-present)

## Awards

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- Panacea Financial Foundation Grant (2022)
  - CTNext Entrepreneur Innovation Award (EIA) (2022)
  - American Orthopaedic Foot & Ankle Society (AOFAS) Scholar Program Award Recipient, (2020, 2021)
  - People's United Center for Innovation & Entrepreneurship 2021 Pitch Competition Grand Prize Award Recipient (2021)
  - Connecticut Innovations - BioPipeline CT Grant - (2020)
  - Annual Merit Scholarship at Perelman School of Medicine at the University of Pennsylvania (2014-2018)
  - Pogue Scholar, academic scholarship at the University of North Carolina at Chapel Hill (2010-2014)
  - Phi Beta Kappa

## Research

### Research Grants:

1. Piedmont Orthopedic Foundation: Residual Elbow Instability After MCL Disruption with Surgical Repair of Unstable Traumatic Elbow Dislocation:

- An Anatomic Study (2023)
2. Piedmont Orthopedic Foundation: Video Repository of Surgical Procedures (2023)

**Peer-Reviewed Manuscripts:**

1. Rao, S.R., Pereira, G.F, Richard, M.J, (2022). 'The Use of Patient-Specific Implants for the Treatment of Upper Extremity Fractures.' Hand Clinics. Provisional Acceptance
2. Madi N; Fletcher A; **Pereira G**; Balu A; DeOrio J; Parekh S. "Early Outcomes of Combined Total Ankle Total Talus Replacement Using a 3D-Printed Talus Component with Hindfoot Arthrodesis." Foot Ankle Spec. 2022 Aug 29:19386400221120567. doi: 10.1177/19386400221120567. Epub ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36039497/> PMID: 36039497.
3. **Pereira G**, Fletcher A, O'Donnell J, Whitlock K, Shapiro L, Pidgeon T, Ruch D, and Richard M (2022). "Ulnar resection length: A risk factor for nonunion in ulnar shortening osteotomy." HAND. September 2022. doi:10.1177/15589447221122827 <https://pubmed.ncbi.nlm.nih.gov/30845843/> PMID: 30845843
4. **Pereira G**, Balu A, Flamant E, Fletcher A, Kurkowski S, Ruch D. Elbow Stiffness. In Slullitel, Rossi, Camino-Willhuber (eds): Orthopaedics and Trauma. Springer Nature. Forthcoming 2022.
5. Wickman J, Chopra A, Goltz D, Levin J, **Pereira G**, Richard M, Ruch D, Klifto C (2022). "Influence of Medical Comorbidity and Surgical Indication on Total Elbow Arthroplasty." Journal of shoulder and elbow surgery, S1058-2746(22)00345-7. 13 Apr. 2022, DOI: 10.1016/j.jse.2022.02.038 <https://pubmed.ncbi.nlm.nih.gov/35429632/> PMID: 25429632
6. Fletcher A, **Pereira G**, Lau B, Matcher C (2021). "Endoscopic Proximal Hamstring Repair is Safe and Efficacious with High Patient Satisfaction at a Minimum of Two-Year Follow-up." Arthroscopy, Apr 19: S0749-8063(21)00333-9. DOI: 10.1016/j.arthro.2021.03.067 <https://pubmed.ncbi.nlm.nih.gov/33887414/> PMID: 33887414.
7. **Pereira G**, Steele J, Fletcher A, Clement R, Adams S (2021). "Fresh Osteochondral Allograft Transplantation for Osteochondral Lesions of the Talus: A Systematic Review." *Journal of Foot and Ankle Surgery*. May-Jun 2021;60(3):585-591 DOI: 10.1053/j.jfas.2021.02.001
8. Liles J, **Pereira G**, Danilkowicz R, Amendola A, Riboh J, Fletcher A (2020). "The Reliability of Radiographic Evaluation of the Posterior Tibial Slope in Skeletally Immature Patients." *Orthopaedic Journal of Sports*

*Medicine*. V8 (7suppl6). DOI: 10.1177/2325967120S00469.

9. Cheah J, Baldwin E, O'Donnell J, **Pereira G**, Vance D, Lassiter T, Anakwenze O (2020). "Rotator Cuff to Deltoid and Pectoralis Tendon to Anatomic Neck Distances: Novel methods for anatomic restoration of humeral height and tuberosity position in proximal humerus fractures." *Journal of Shoulder and Elbow Surgery*. Aug 26;4(4):869-874. DOI: <https://doi.org/10.1016/j.jseint.2020.07.015>
10. Vance D, O'Donnell J, Baldwin E, Cheah J, **Pereira G**, Kifto C, Lassiter T, Anakwenze O (2020). "Risk of Suprascapular nerve injury during Glenoid Baseplate fixation for Reverse Total Shoulder Arthroplasty: A Cadaveric Study." *Journal of Shoulder and Elbow Surgery*. 30(3), 532–537. DOI: <https://doi.org/10.1016/j.jse.2020.07.008>
11. Fletcher A, Liles J, Steele J, **Pereira G**, Adams S (2020). "Systematic Review of Subtalar Distraction Arthrodesis for the Treatment of Subtalar Arthritis." *Foot & Ankle International*. 41(4), 437-448. <https://doi.org/10.1177/1071100719899050>,
12. **Pereira G**, Paschos N, Kelly IV J (2017). Musculoskeletal System Anatomy: Pelvis and Hip Anatomy. In Paschos N., Bentley G. (eds.), *General Orthopedics, Orthopaedic Study Guide Series* (pp. e21-e27). London: Springer-Verlag London Ltd.
13. **Pereira G**, Paschos N, Kelly IV J (2017). Musculoskeletal System Anatomy: Heterotopic Ossification. In Paschos N, Bentley G (eds.): *General Orthopedics, Orthopaedic Study Guide Series* (pp. e183-e191). London: Springer-Verlag London Ltd.
14. Hunold KM, **Pereira G**, Jones CW, Isaacs CG, Braz VA, Gadi SR, & Platts-Mills TF (2016). Priorities of Care Among Older Adults in the Emergency Department: A Cross-sectional Study. *Academic Emergency Medicine*, 23(3), 362–365. <http://doi.org/10.1111/acem.12885>
15. Roedersheimer KM, **Pereira G**, Jones CW, Braz VA, Mangipudi SA, & Platts-Mills TF (2016). Self-Reported vs. Performance-Based Assessments of a Simple Mobility Task among Older Adults in the Emergency Department. *Annals of Emergency Medicine*, 67(2), 151–156. <http://doi.org/10.1016/j.annemergmed.2015.07.007>
16. **Pereira G**, McLean SA, Tkacik TJ, Swor RA, Jones JS, Lee DC, ... Platts-Mills TF (2014). Pain, distress, and anticipated recovery for older versus younger emergency department patients after motor vehicle collision. *BMC Emergency Medicine*, 14, 25. <http://doi.org/10.1186/s12873-014-0025-y>

17. **Pereira G**, Bulik C, Weaver MA, Holland WC, & Platts-Mills TF (2015). Malnutrition among Cognitively Intact, non-Critically Ill Older Adults in the Emergency Department. *Annals of Emergency Medicine*, 65(1), 85–91. <http://doi.org/10.1016/j.annemergmed.2014.07.018>
18. Stevens TB, Richmond NL, **Pereira G**, Shenvi CL, Platts-Mills TF (2014). Prevalence of Nonmedical Problems Among Older Adults Presenting to the Emergency Department. *Academic Emergency Medicine*. 2014, Jun; 21(6):651-658. DOI: 10.1111/acem.12395
19. Hunold KM, Esserman DA, Isaacs CG, Dickey RM, **Pereira G**, Fillingim RB, ... Platts-Mills TF (2013). Side Effects from Oral Opioids in Older Adults During the First Week of Treatment for Acute Musculoskeletal Pain. *Academic Emergency Medicine*, 20(9), 872–879. <http://doi.org/10.1111/acem.12212>
20. Isaacs CG, Kistler C, Hunold KM, **Pereira G**, Buchbinder M, Weaver MA, ... Platts-Mills TF (2013). Shared Decision Making in the Selection of Outpatient Analgesics for Older Emergency Department Patients. *Journal of the American Geriatrics Society*, 61(5), 793–798. <http://doi.org/10.1111/jgs.12207>

**Provisional Patent:**

1. Provisional Patent (13433-0102 ARB-001US), K-bow Medical Device, (October 2022). Inventors: Michael Cancilla, Radu Postole, Gregory Pereira, Geoff Borgmann, Feyi Gbadamosi, Julia Hudea, John Kodosky