



Gregory M. Kurkis, MD

Bio

Dr. Kurkis is a board-certified, fellowship-trained hip and knee replacement specialist. His practice encompasses primary hip and knee replacement, partial knee replacement, revision hip and knee replacement, arthroscopic treatment of knee meniscus tears, and general orthopedic surgery.

Dr. Kurkis' team is experienced in outpatient and same-day discharge hip and knee replacement. He emphasizes multi-modal postoperative pain control during and after surgery to improve his patient's postoperative recovery. When indicated, he incorporates technology into his practice, including computer navigation and robotic-assisted total knee replacement surgery as well as fluoroscopically-guided direct anterior approach total hip replacement.

Dr Kurkis enjoys helping patients navigate through hip and knee issues, from initial nonoperative care through, when necessary, surgery. His primary goal is to help his patients return to their daily activities with less pain and improved function.

P: 704 323 2800

Patient Rating:
4.9 out of 5 Stars

LOCATIONS

- Huntersville
- Huntersville Urgent Care

CLINICAL SPECIALTIES

- Hip
- Specialties
- Knee

Education

- **Washington and Lee University** - *Bachelor of Science in Biochemistry*
 - NCAA Postgraduate Scholarship, Football, 2011 – 2012
 - Omicron Delta Kappa Leadership Honor Society, Washington and Lee University, inducted 2011
 - Phi Beta Kappa Society, Washington, and Lee University inducted 2010
 - 2-time ESPN/CoSIDA Academic All-American – Football, College Division, 2009 and 2010
- **University of Virginia School of Medicine** - *Doctor of Medicine*
 - *Alpha Omega Alpha (AOA) Honor Society, University of Virginia School of Medicine, inducted in 2014*
- **Emory University School of Medicine** - *Orthopaedic Surgery Resident Physician*

- Colorado Joint Replacement - *Adult Reconstruction Fellow*

Practice

- Board Certified, American Board of Orthopedic Surgery
- Member of the American Association of Hip and Knee
- Member of the American Academy of Orthopedic Surgeons

Specialties:

- Total Knee Replacement
- Total Hip Replacement, Direct Anterior Approach and Posterior Approach
- Partial Knee Replacement
- Revision of Hip and Knee Replacement
- Arthroscopic Treatment of Knee Meniscus Tears
- General Orthopedics
- Outpatient Joint Replacement
- Computer navigation and robot-assisted total knee replacement

Research

PUBLICATIONS

- Holst D, **Kurkis G**, Dennis D. Total Hip Revision with a Custom Acetabular Component and Allograft-Prosthetic-Femoral Composite as Salvage for Failed Unstable Megaprosthesis in an Adolescent: A Case Report at 19-year Follow-Up Duration. *JBS Case Connector*. 2021. Publication Pending.
- **Gregory Kurkis**, Jacob Wilson, Albert Anastasio, Kevin Farley, Thomas Bradbury. Pre-Operative Diagnosis of Depression Leads to Increased Opioid Tablets Taken after Total Hip Arthroplasty: A Prospective Study. *Journal of Surgical Orthopaedic Advances*. 2020. Publication Pending.
- **Kurkis GM**, Chihab S, Farley KX, Anastasio AT, Bradbury TL, Guild GN. Anterior Revision Hip Arthroplasty is Associated With Higher Wound Complications but Fewer Dislocations Compared to Posterior Revision Hip Surgery [published online ahead of print, 2020 Jul 18]. *J Arthroplasty*. 2020
- **Gregory Kurkis**, Amalie Erwood, Samuel Maidman, Wesley Manz, Ehab Nazzal, Thomas Bradbury, Jason Bariteau. Mobility Limitation After Surgery for Degenerative Pathology of the Ankle, Hindfoot, and Midfoot vs Total Hip Arthroplasty. *Foot & Ankle International*. 2020; Publication Pending

- **Gregory Kurkis**, Albert Anastasio, Marijke Devos, Michael Gottschalk. Ultrasound-guided Aspiration Does Not Reduce the Recurrence Rate of Ganglion Cysts of the Wrist. *Journal of Wrist Surgery*. 2019 April; 8(2):100-103.
- Tyrrell Burrus M, Werner BC, Starman JS, **Kurkis GM**, Pierre JM, Diduch DR, Hart JM. Patient Perceptions and Current Trends in Internet Use by Orthopedic Outpatients. *HSS Journal*. 2017 Oct;13(3):271-275.
- Burrus MT, Cancienne JM, **Kurkis GM**, et al. Equivalent Outcomes for Patients Following Trochleoplasty as a Primary or Revision Patellar Stabilizing Procedure. *Orthopaedic Journal of Sports Medicine*. 2017;5(7 suppl6).
- Diduch DR, Burrus MT, Cancienne JM, **Kurkis GM**, Carstensen SE, Griffin JW, Werner BC. Trochleoplasty is a Viable Option for Patellar Instability in Patients with Severe Trochlear Dysplasia: Early Outcomes Analysis of the U.S. Experience. *Orthopaedic Journal of Sports Medicine*. 2017;5(7 suppl6).
- Richard L Thomas, **Gregory Kurkis**. Chapter 1 - Compartment Syndrome and Necrotizing Fasciitis: Diagnosis. Book Chapter In: Kenneth J Koval, Paul Tornetta, eds. *Let's Discuss: Common Orthopaedic Emergencies – Surviving the Night*. Rosemont, IL: American Academy of Orthopaedic Surgeons; 2016.
- Werner BC, **Kurkis GM**, Gwathmey FW, Browne JA. Bariatric Surgery Prior to Total Knee Arthroplasty is Associated With Fewer Postoperative Complications. *Journal of Arthroplasty*. 2015 Sept; 30 (9 Suppl): 81-5.
- Mark D. Miller, Joe Hart, **Gregory Kurkis**. “Anatomic ACL Reconstruction – All Corners.” Chapter 15, Video 5 in: Mark D. Miller ed. *Orthopaedic Knowledge Update: Sports Medicine 5*. 5th ed. AAOS, Dec 2015.
- **Kurkis G**, Tyger R - Video author/contributor to “Anterior Cervical Decompression and Fusion” Chapter in: Shen F, Samartzis D, Fessler R, eds. *Textbook of the Cervical Spine*. 1st ed. Elsevier; Nov 2014.

PODIUM AND POSTER PRESENTATIONS

- **Gregory Kurkis**, Lindsay Kleeman-Forsthuber, Chameka Madurawe, Tristan Jones, Jim Pierrepont, Douglas Dennis. Spinopelvic Mobility Parameters Change with Total Hip Arthroplasty Patient Age and Gender. Poster Presentation. 2021 American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting. Nov 11-14, 2021, Dallas, TX.
 - **G Kurkis**, D Dennis (presenter), R Johnson, Y Yazdani Farsad, J Jennings. Incidence and Risk Factors of Orthostasis After Primary Hip and Knee Arthroplasty. Podium Presentation. Knee Society 2021 Members Meeting.
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Sept 9-11, 2021, Napa, CA.

- **Gregory Kurkis**, Samir Chihab, Kevin Farley, Albert Anastasio, Thomas Bradbury, George Guild. Anterior Revision Hip Arthroplasty is Associated with Increased Postoperative Wound Complications. Poster Presentation. 2020 American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting. Nov 5-8, 2020, Dallas, TX.
- **Gregory Kurkis**, Jacob Wilson, Albert Anastasio, Kevin Farley, Thomas Bradbury. Depression Leads to Increased Opioid Consumption After Total Hip Arthroplasty. Poster Presentation. 2019 American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting. Nov 7-10, 2019, Dallas, TX.
- **Gregory Kurkis** (presenter), Kevin Farley, Albert Anastasio, Thomas Bradbury, George Guild. Anterior Revision Total Hip Arthroplasty is Associated with Decreased Postoperative Instability Compared to Posterior Revision Surgery. Rapid Fire Presentation. 2019 Southern Orthopaedic Association Annual Meeting. July 17-20, 2019, Amelia Island, FL.
- **Gregory Kurkis** (presenter), Albert Anastasio, Kevin Farley, Thomas Bradbury. Depression Leads to Increased Opioid Consumption After Total Hip Arthroplasty. Rapid Fire Presentation. 2019 Southern Orthopaedic Association Annual Meeting. July 17-20, 2019, Amelia Island, FL.
- **Gregory Kurkis** (presenter), Amalie Erwood, Samuel Maidman, Thomas Bradbury, Shay Tenenbaum, Jason Bariteau. Mobility Limitation is Greater After Surgery for Degenerative Pathology of the Ankle, Hindfoot, and Midfoot than Total Hip Arthroplasty. Rapid Fire Presentation. 2019 Southern Orthopaedic Association Annual Meeting. July 17-20, 2019, Amelia Island, FL.
- Kevin Farley (presenter), **Gregory Kurkis**, Albert Anastasio, George Guild. Diagnosing Prosthetic Joint Infection: Inter-Laboratory Variation in Synovial Fluid Analysis. Rapid Fire Presentation. 2019 Southern Orthopaedic Association Annual Meeting. July 17-20, 2019, Amelia Island, FL.
- Kevin Farley, **Gregory Kurkis**, Albert Anastasio, George Guild. Diagnosing Prosthetic Joint Infection: Inter-Laboratory Variation in Synovial Fluid Analysis. Poster Presentation. 2019 AOA Annual Leadership Meeting, June 25-29, 2019, San Diego, CA.
- **Gregory Kurkis**, Amalie Erwood, Samuel Maidman, Thomas Bradbury, Shay Tenenbaum, Jason Bariteau (presenter). Mobility Limitation is Greater After Surgery for Degenerative Pathology of the Ankle, Hindfoot, and Midfoot than Total Hip Arthroplasty. Podium Presentation. 2019 AAOS Annual Meeting, March 12-16, 2019, Las Vegas, Nevada.
- Amalie Erwood, **Gregory Kurkis**, Samuel Maidman, Robert Cole, Shay Tenenbaum, Jason Bariteau. Degenerative Pathology of the Ankle,

Hindfoot, and Midfoot is as Limiting to Patient Mobility as Congestive Heart Failure. Poster Presentation. 2019 AAOS Annual Meeting, March 12-16, 2019, Las Vegas, Nevada.

- **Gregory Kurkis**, Kevin Farley, Albert Anastasio, Thomas Bradbury, George Guild. Anterior Revision Total Hip Arthroplasty is Associated with Decreased Postoperative Instability Compared to Posterior Revision Surgery. Poster Presentation. 2018 American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting. Nov 1-4, 2018, Dallas, TX.
- **Gregory Kurkis** (presenter), Marijke Devos, Jordan Teboda, Michael Gottschalk. Ultrasound-guided Aspiration Does Not Reduce the Recurrence Rate of Ganglion Cysts of the Wrist. Podium Presentation. Emory University Department of Orthopaedics Kelly Society Research Day. June 8, 2018, Atlanta, GA.
- **Gregory Kurkis**, Marijke Devos, Jordan Teboda, Michael Gottschalk. Ultrasound-guided Aspiration Does Not Reduce the Recurrence Rate of Ganglion Cysts of the Wrist. Poster Presentation. 2017 American Orthopaedic Association Annual Leadership Meeting. June 20-24, 2017, Charlotte, NC.
- **Gregory Kurkis** (presenter), Marijke Devos, Jordan Teboda, Michael Gottschalk. Ultrasound-guided Aspiration Does Not Reduce the Recurrence Rate of Ganglion Cysts of the Wrist. Podium Presentation. 2017 Southern Orthopaedic Association Annual Meeting. June 28 – July 1, 2017, Hilton Head, SC.
- **Gregory Kurkis** (presenter), Marijke Devos, Jordan Teboda, Michael Gottschalk. Ultrasound-guided Aspiration Does Not Reduce the Recurrence Rate of Ganglion Cysts of the Wrist. Podium Presentation. 2017 AAOS Annual Meeting. March 14-18, 2017, San Diego, CA.
- Burrus MT, Werner BC, Starman JS, **Kurkis GM** (presenter), Pierre JM, Diduch DR, Hart JM. Patient Perceptions and Current Trends in Internet Use by Orthopaedic Outpatients. Podium Presentation. 2017 AAOS Annual Meeting. March 14-18, 2017, San Diego, CA.
- Burrus MT, Cancienne JM, **Kurkis GM**, Carstensen SE, Griffin JW, Diduch DR. Trochleoplasty is a Viable Option for Patellar Instability in Patients with Severe Trochlear Dysplasia: Early Outcomes Analysis of the US Experience. Podium Presentation. 2017 AAOS Annual Meeting. March 14-18, 2017, San Diego, CA.
- Burrus MT, **Kurkis GM**, Conte EJ, Griffin JW, Werner BC, Hart JM, Diduch DR. Equivalent Outcomes for Patients Following Trochleoplasty as a Primary or Revision Patellar Stabilizing Procedure. Poster Presentation. 2017 AAOS Annual Meeting. March 14-18, 2017, San Diego, CA.

- Werner BC (presenter), **Kurkis GM**, Gwathmey FW, Browne JA. Bariatric Surgery Prior to Total Knee Arthroplasty is Associated with Fewer Postoperative Complications. Podium Presentation. 2015 AAOS Annual Meeting. March 24-28, 2015, Las Vegas, NV.
- Werner BC, **Kurkis GM**, Gwathmey FW, Browne JA (presenter). Does Bariatric Surgery Reduce Postoperative Complications Following Total Knee Arthroplasty? Podium Presentation. AAHKS Annual Meeting. November 6-9, 2014, Dallas, TX.
- Mark D. Miller, **Gregory Kurkis**, Joseph Hart. "Anatomic ACL Reconstruction – All Corners." American Academy of Orthopaedic Surgeons (AAOS) 2013 Annual Meeting – Presentation in Orthopaedic Video Theater and AAOS Resource Center Theater. Chicago, IL. March 20-22, 2013.
- **GM Kurkis**, LL Anzaldi, PR Reid, ST Chau, GA Sulikowski, EP Skaar. Small Molecule Activators of the Staphylococcus aureus heme sensing system. Poster Presentation: Vanderbilt Institute of Chemical Biology Student Research Symposium. Nashville, TN. August 2010.