

Curriculum Vitae

Ronald E. Delanois, MD, Lt Col (RET), USAF, MC

Baltimore, Maryland, USA

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Education and Training

CURRICULUM VITAE

Name: Ronald E. Delanois, M.D., Lt Col., USAF, MC (RET)

Cell phone: (443) 739-2548

E-mail: delanois@me.com

Current Practice:

Greater Baltimore Medical Center (GBMC) Orthopedic Department
6701 N. Charles St. Towson, MD 21204

FORMER PRACTICE:

Dr. Ronald Delanois

Jerome Reichmister Chairman of Orthopedics – Lifebridge

Director of Research – Rubin Institute for Advanced Orthopedics

Center for Joint Preservation and Reconstruction

Director – Orthopedic Residency Program – Sinai Hospital

Sinai Hospital of Baltimore

2401 West Belvedere Ave

Baltimore, MD 21215

POSTGRADUATE MEDICAL TRAINING

Adult Reconstructive and Total Joint Surgery Fellowship

David S. Hungerford, M.D.

Dennis W. Lennox, M.D.

Michael A. Mont, M.D.

Johns Hopkins Orthopaedics, Good Samaritan Professional Building

5601 Loch Raven Boulevard

Baltimore, MD 21239

Phone: 410- 532-4730

August 1, 1996 to July 31, 1997

Orthopedic Surgery Residency

Wilford Hall Medical Center/PSSB

Lackland AFB, TX 78236-5300

Phone: 210- 292-5840

July 1, 1992 to June 30, 1996

General Surgery Internship

Wilford Hall Medical Center/PSSB

Lackland AFB, TX 78236-5300

July 1, 1991 to June 30, 1992

NATIONAL BOARD RESULTS

Recertification ABOS 2017, 2024

Part 2 of the American Board of Orthopedic Surgery Certification

July 17, 1999 Pass; Recertified, July 2009, 2017

Part 1 of the American Board of Orthopedic Surgery Certification

July 19, 1996, Pass

MEDICAL EDUCATION

Uniformed Services University of the Health Sciences

4301 Jones Bridge Road

Bethesda, MD 20814

Phone: 301- 295-3166

Doctor of Medicine, May 18, 1991

UNDERGRADUATE EDUCATION

Loyola University of Chicago

6525 N. Sheridan Road

Chicago, IL 60625-5385

Phone: 773- 247-3000

Bachelor of Science: Major Biology, Minor Chemistry

VISITING PROFESSORSHIPS

Visiting Professor, Cleveland Clinic, “Bundled Payments for Care Improvement (BPCI) and Healthcare”, Cleveland, OH, February 2018.

Visiting Professor, Howard University Hospital, “The Evolution of Out-Patient Total Joint Arthroplasty”, Washington, DC, December 2019.

RESEARCH

Economics of Healthcare

Acetabular fixation and cemented liners

Modular acetabular locking mechanisms

Acetabular wear

Value based Health care/equity

CLINICAL RESEARCH

1. The Use of Povidone-Iodine Sterile Solution Periprosthetic Joint Infections; A Superiority Multicenter Randomized Trial; PSI Research Institute, Total Contract Value: \$31,950.
2. Prospective Functional, Gait, and Outcome Comparison Study of Medial Pivot versus Single Radius Design for Total Knee Arthroplasty; MicroPort Orthopedics, Inc, Total Contract Value: \$648,050.
3. Evolution Biofoam Cross Sectional Study (IIS); MicroPort Orthopedics Inc, Total Contract Value: \$67,600.
4. Innovations in Genicular Outcomes Registry, Multicenter Registry; Pacira Pharmaceuticals Inc, Total Contract Value: \$1,498,005.
5. The Efficacy of Platelet Rich Plasma Compared with Corticosteroid Injections for the Treatment of Pain Associated with Hip Osteoarthritis; Sinai Hospital of Baltimore, Inc. Internally Funded Research.

6. A Phase 1b Open-Label, Dose-Escalating Study to Evaluate the Safety and Tolerability of PLG0206 in Patients Undergoing Debridement, Antibiotics, and Implant Retention (DAIR) for Treatment of a Periprosthetic Joint Infection (PJI) Occurring After Total Knee Arthroplasty (TKA); Peptilogics, Inc. Total Contract Value: \$116,652.
7. Comparative evaluation of the performance and safety of A-CP HA Kit, for the preparation of a combination of platelet rich plasma and hyaluronic acid versus hyaluronic acid alone and placebo in patients with knee osteoarthritis; Regen Lab USA. Total Contract Value: \$424,685.
8. The Efficacy of Platelet Rich Plasma Compared with Corticosteroid Injections for the Treatment of Pain Associated with Knee Osteoarthritis; Sinai Hospital of Baltimore, Inc. Internally Funded Research.
9. A Phase 3 Prospective, Multicenter, Double-Blind, Randomized, Placebo-Controlled Study to Evaluate the Efficacy of Amniotic Suspension Allograft (ASA) in Patients with Osteoarthritis of the Knee; Organogenesis Inc. Total Contract Value: \$549,874.
10. A Randomized Controlled Trial Evaluating Edema and ROM Using Negative Pressure Therapy Over Closed Incisions and Surrounding Soft Tissue Versus Standard Surgical Dressings in Bilateral Total Knee Arthroplasty: A Pilot Study (The ENABLE Trial); KCI Manufacturing Unlimited Company/3M. Total Contract Value: \$138,164.
11. Multi-Center Clinical Investigation of the ATTUNE[®] Cementless Fixed Bearing Tibial Base and Cementless Patella Implants in Total Knee Arthroplasty; DePuy Orthopaedics, Inc. Total Contract Value: \$314,415.
12. A Phase 1, Double-Blind, Single Ascending Dose Study to Evaluate the Safety, Pharmacokinetics, and Preliminary Activity of TRL1068 in Subjects with Prosthetic Joint Infection of the Knee or Hip and Undergoing Primary Two-Stage Exchange Arthroplasty; Trellis Bioscience LLC. Total Contract Value: \$361,610.
13. The Pericapsular Nerve Block in Total Hip Arthroplasty: A Randomized, Controlled Trial; Rubin Institute for Advanced Orthopedics, Sinai Hospital of Baltimore, Inc. Internally Funded.

14. Prospective Functional, Gait, and Outcome Comparison Study of Medial Pivot versus Single Radius Design for Total Knee Arthroplasty; MicroPort Orthopedics. Total Contract Value: \$650,000.
15. Comparison of Alignment achieved using the VELYS Robotic-Assisted Solution versus Manual Instrumentation in Total Knee Arthroplasty: A Prospective, Non-Randomized Multi-Center post-market Clinical Investigation; DePuy Orthopaedics, Inc. Total Contract Value: \$207,373.
16. Perioperative Antibiotic Prophylaxis in Patients Undergoing Elective Total Knee Arthroplasty: A prospective, randomized, open-label, controlled multi-center trial; American Association of Hip and Knee Surgeons (AAHKS).
17. A randomized, sham controlled, double-blind, multi-center study of Neuromuscular Electrical Stimulation (NMES) as an Adjunctive Therapy for Knee Pain Relief and Improving Functional Outcomes in Knee Osteoarthritis (OA) Patients; Cymedica Orthopedics, Inc. Total Contract Value: \$174,745.
18. Prospective, Randomized, Double-Blind, Placebo Controlled Study to Evaluate the Safety and Efficacy of Pulsed Electromagnetic Field (PEMF) Therapy as an Adjunctive Treatment to Surgical Repair of Full Thickness Rotator Cuff Tears; Orthofix, Inc. Total Contract Value: \$975,050.
19. A Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Phase 3 Study to Determine the Efficacy of TG-C in Subjects with Kellgren and Lawrence Grade 2 or 3 Osteoarthritis of the Knee; Kolon TissueGene, Inc. Total Contract Value: \$600,891.
20. Prospective Post Approval Clinical Follow-Up Study of the Commercially Available U2 Knee™ System – “U-Propel Study”; United Orthopedic Corporation. Total Contract Value: \$333,300.
21. Post-Approval Study of the R3™ BioloX® delta Ceramic Acetabular System – United States; Smith & Nephew, Inc. Total Contract Value: \$276,069.
22. Osteoporosis-Related Post-Fracture Care Application Development and Testing; Premier, Inc. Total Contract Value: \$85,000.
23. A Randomized, Double-blind, Placebo-controlled, Parallel-group Study to Evaluate the Efficacy and Safety of FX006 in Patients with Hip Osteoarthritis; Flexion Therapeutics. Total Contract Value: \$125,014.

24. A Phase III, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study, Designed to Determine the Efficacy, Safety, and Tolerability of Intramuscular Administration of Allogeneic PLX-PAD Cells for the Treatment of Muscle Injury Following Arthroplasty for Hip Fracture (HF); Pluristem Ltd. Total Contract Value: \$109,367.
25. Clinical Survivorship and Outcomes of X3 Polyethylene in Total Knee Arthroplasty at Minimum 10 Years Follow-Up; Howmedica Osteonics Corp. Total Contract Value: \$67,145.
26. In Vivo Wear Analysis of 3.9 Millimeter X3 Polyethylene Liners in Total Hip Arthroplasty at Minimum 10 Years Follow-Up; Howmedica Osteonics Corp. Total Contract Value: \$105,820.
27. Mid-Term Clinical Performance of the Accolade II Stem; Howmedica Osteonics Corp. Total Contract Value: \$53,785.
28. A Prospective, Randomized, Double-Blind, Placebo Controlled Feasibility Study to Evaluate Efficacy and Safety of an Active Pulsed Electromagnetic Field for the Treatment of Osteoarthritis of the Knee; Orthofix, Inc. Total Contract Value: \$1,351,625.
29. A Multicenter, Randomized, Double-Blind, Controlled Trial Comparing Local Infiltration Analgesia with EXPAREL to Local Infiltration Analgesia without EXPAREL to Manage Postsurgical Pain Following Total Knee Arthroplasty; Pacira Pharmaceuticals, Inc.
30. A prospective, post-market, multi-center study of the outcomes of the Triathlon Titanium Knee System; Stryker Orthopaedics. Total Contract Value: \$77,900.
31. Long-Term Safety Follow-Up of Study Subjects Who Were Previously Enrolled in a TissueGene Clinical Trial and Were Administered TissueGene-C; TissueGene, Inc. Total Contract Value: \$115,000.
32. Clinical Validation of CD Diagnostics Synovasure PJI ELISA Test and Synovasure PJI Lateral Flow Test for Detection of Periprosthetic Joint Infection (PJI) in Synovial Fluid; CD Diagnostics/Zimmer Biomet

POSTER/ PAPER PRESENTATIONS

1. Impact of Osteoporosis Medications on Postoperative Complications Following TKA – AAHKS Annual Meeting, 2024

2. Comparison of PRP to CSI in Patients who have knee OA: A Double-Blinded, Randomized, Control Trial – AAHKS Annual Meeting, 2024
3. Survival of 1.5-Stage vs 2-Stage Exchange Total Knee Arthroplasty Following PJI: A 5-Year Update – AAHKS Annual Meeting, 2024
4. Managed Care Organization Plans Are Associated with Increased Length of Stay and Denial Rates following Primary and Revision Total Hip Arthroplasty – Hip Society Annual Meeting, 2024
5. Comparison of Platelet-Rich plasma to Corticosteroid Injections in Patients who have Mild to Moderate Knee Osteoarthritis: A Double-Blinded, Randomized, Control Trial – Knee Society Annual Meeting, 2024
6. How does reporting bias, conflict of interest, and source of funding impact the quality of orthopaedic research? –Maryland Orthopaedic Association 2023 Annual Meeting - February 11, 2023
7. 1.5- Versus 2-Stage Exchange Total Hip Arthroplasty for Chronic Periprosthetic Joint Infections: A Comparison of Survivorships, Re-Infections, and Patient Reported Outcomes. Poster – Current Concepts in Joint Replacement – 2022. Orlando, FL.
8. Prior Septic Arthritis Increases Risk for Periprosthetic Joint Infection Following Primary Total Hip Arthroplasty. Poster – Current Concepts in Joint Replacement – 2022. Orlando, FL.
9. Biologic DMARDs Do Not Increase Risk for Periprosthetic joint infection in Setting of TKA. Poster - American Association of Hip and Knee Surgeons - 2022 Annual Meeting. Grapevine, TX.
10. Stroke History, Not Time Elapsed or Treatment, is a Predictor of Complications in TKA. Poster - American Association of Hip and Knee Surgeons - 2022 Annual Meeting. Grapevine, TX.
11. Similar Complication Rates Between Cemented Versus Cementless TKA. Poster - American Association of Hip and Knee Surgeons - 2022 Annual Meeting. Grapevine, TX.
12. Prior Septic Arthritis Increases Risk for Revision Due to Infection Following Total Hip Arthroplasty. Poster - American Association of Hip and Knee Surgeons - 2022 Annual Meeting. Grapevine, TX.
13. Prior Septic Arthritis Increases Risk for Revision Due to Infection After Total Knee Arthroplasty. Poster - American Association of Hip and Knee Surgeons - 2022 Annual Meeting. Grapevine, TX.
14. Invasive Dental Procedures in Total Knee Arthroplasties: Is Antibiotic Prophylaxis Necessary? Poster - American Association of Hip and Knee Surgeons - 2022 Annual Meeting. Grapevine, TX.
15. Race Associated with Increased Complication Rates After Total Knee Arthroplasty. Poster - American Association of Hip and Knee Surgeons - 2022 Annual Meeting. Grapevine, TX.
16. Viscous Injection Within Four Weeks of Total Knee Arthroplasty Increases Risk for Septic Revisions. Poster - American Association of Hip and Knee Surgeons - 2022 Annual Meeting. Grapevine, TX.

17. Preoperative Statin Exposure Reduces Prosthetic Joint Infections following Total Knee Arthroplasty. Paper - American Academy of Orthopaedic Surgeons - 2022 Annual Meeting. Chicago, IL.
18. C. Difficile Infection within 6 Months before Total Knee Arthroplasty is Associated with Increased 90-Day Complications. Paper - American Academy of Orthopaedic Surgeons - 2022 Annual Meeting. Chicago, IL.
19. Super Obese Patients are Associated with Significant Infection Burden after Total Hip Arthroplasty. Poster - American Academy of Orthopaedic Surgeons - 2022 Annual Meeting. Chicago, IL.
20. Intra-Articular Hip Injections Prior to Total Hip Arthroplasty: Infection and Cost-Related Associations. Poster - American Academy of Orthopaedic Surgeons - 2022 Annual Meeting. Chicago, IL.
21. Is Osteoarthritis more Common among Patients Who have Hypoparathyroidism? Poster - American Academy of Orthopaedic Surgeons - 2022 Annual Meeting. Chicago, IL.
22. Survival and Outcomes of 1.5-Stage vs. 2-Stage Exchange Total Knee Arthroplasty following Prosthetic Joint Infection. Poster - American Academy of Orthopaedic Surgeons - 2022 Annual Meeting. Chicago, IL.
23. Risk Factors for Aseptic Conversion Total Knee Arthroplasty after 1.5-Stage Exchange Introduction. Poster - American Academy of Orthopaedic Surgeons - 2022 Annual Meeting. Chicago, IL.
24. Is Conversion Total Knee Arthroplasty a Distinct Surgical Procedure? Poster - Maryland Orthopaedic Association - 2022 Annual Meeting. Annapolis, MD.
25. Does Pre-Operative Statin Exposure Reduce PJIs and Revisions following TJA? Poster - Maryland Orthopaedic Association - 2022 Annual Meeting. Annapolis, MD.
26. Bariatric Surgery Prior to Total Hip Arthroplasty: Does Timing or Type Matter? Poster - Maryland Orthopaedic Association - 2022 Annual Meeting. Annapolis, MD.
27. Long Term Bisphosphonate Use Decreases Periprosthetic Fractures Following Total Joint Arthroplasty In Osteoporotic Patients. Poster - Orthopaedic Research Society - 2022 Annual Meeting. Tampa, FL.
28. Biologic Versus Nonbiologic Therapy In Rheumatoid Arthritis Patients Undergoing Total Joint Arthroplasty. Poster - Orthopaedic Research Society - 2022 Annual Meeting. Tampa, FL.
29. Partial versus Full Component Revision for Arthrofibrosis following Total Knee Arthroplasty. Poster - Current Concepts in Joint Replacement – 2021 Meeting. Orlando, FL.
30. Partial Versus Full Component Revision for Arthrofibrosis Following Total Knee Arthroplasty. Poster - American Association of Hip and Knee Surgeons - 2021 Annual Meeting. Dallas, TX.
31. Inflammatory Bowel Disease is Associated with Increased Complications After Total Knee Arthroplasty. Poster - American Association of Hip and Knee Surgeons - 2021 Annual Meeting. Dallas, TX.

32. Postoperative Opioid Consumption Among High Body Mass Index Patients in Hip Arthroplasty. Poster - American Association of Hip and Knee Surgeons - 2021 Annual Meeting. Dallas, TX.
33. Before or After? An Assessment of 1-Year Complications in Spinal Fusion and Total Hip Arthroplasty. Poster - American Association of Hip and Knee Surgeons - 2021 Annual Meeting. Dallas, TX.
34. Patients with Inflammatory Bowel Disease are Associated with Increased Complications After Total Hip Arthroplasty. Poster - American Association of Hip and Knee Surgeons - 2021 Annual Meeting. Dallas, TX.
35. Mid-Term Outcomes Among High Body Mass Index Patients in Total Hip Arthroplasty. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
36. Do Total Hip Arthroplasty Patients Fare Better Under Publicly or Privately Owned Hospitals? A comparison of 90-Day Outcomes. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
37. Before or After? An Assessment of 1-Year Complications in Spinal Fusion and Total Hip Arthroplasty. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
38. Conversion of Total Hip Arthroplasty: A Matched Analysis on Outcomes with Primary Arthroplasty. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
39. Postoperative Opioid Consumption in Total Hip Arthroplasty: A State-by-State Analysis. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
40. Mid-Term Outcomes Among High BMI Patients in Total Knee Arthroplasty. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.

41. Comparing Rheumatoid Arthritis, Lupus Arthritis, Psoriatic Arthritis, and Ankylosing Spondylitis to Osteoarthritis when Performing Total Hip Arthroplasty. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.

42. Postoperative Opioid Consumption Among High BMI Patients in Total Hip Arthroplasty. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.

43. The Effects of Robotic Assisted Surgery on Revision, Readmissions, and Complication Rates in Primary Total Hip Arthroplasty. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.

44. Spinal Fusion and Total Hip Arthroplasty: Why Timing is Important. Paper - American Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
45. Total Knee Arthroplasty Complications and Costs Pre and Post-implementation of Maryland’s Global Budget Reimbursement Model. Paper - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
46. Marijuana Use Associated with Increased Rates of Hip Dislocation, Lower Costs, but No Change in Opioid Consumption at 90 Days and One Year. American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
47. Preoperative Opioid Use: How Much is Too Much for Total Hip Arthroplasty? Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
48. The Temporal Relationship between Preoperative Clostridium Difficile Infections and Outcomes in Total Knee Arthroplasty. Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
49. Renal Transplant Recipients have Similar Costs and Complication Rates to Matched Controls after Primary Total Knee Arthroplasty. Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
50. The Temporal Relationship between Preoperative Clostridium Difficile Infections and Outcomes in Total Hip Arthroplasty. Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
51. The Role of Preoperative Analgesia in Total Knee Arthroplasty Outcomes. Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
52. The Effect of Clostridium Difficile Infections on Cost and Outcomes in Total Hip Arthroplasty Procedures. Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
53. The Effect of Modern Anti-Retroviral Therapy on the Complication Rate after Total Hip Arthroplasty in HIV Patients. Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.

54. The Effect of Hepatitis C Virus Treatment on Outcomes in Primary Total Hip Arthroplasty. Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
55. Transitioning to Outpatient Total Hip Arthroplasty: Worse Outcomes at One Year? Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
56. Preoperative Marijuana and Total Knee Arthroplasty: Outcomes at 90 Days and 1 Year. Poster - American Academy of Orthopaedic Surgeons – 2021 Annual Meeting. San Diego, CA.
57. How Does Conversion Total Hip Arthroplasty Compare to Primary? American Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
58. Patient and Hospital Factors Are Influencing Total Hip Arthroplasty Quality Metrics in Publicly and Privately-Owned Hospitals: A Nationwide Analysis. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
59. Hepatitis C Antiviral Therapy: Has Treatment Improved Outcomes and Cost-of-Care in Total Hip Arthroplasty? Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
60. Primary Total Hip Arthroplasty in Renal Transplant Recipients: A Matched Analysis Using National Data. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
61. Primary Total Hip Arthroplasty Complications and Costs in Liver Transplant Recipients: A Matched Analysis Using A National Database. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
62. Depression in Total Knee Arthroplasty: Do Increased Complications Result in Increased Mortality and Cost? Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
63. Highly Cross-Linked Polyethylene 10-Year Linear Vector & Volumetric Wear in Total Hip Arthroplasty. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
64. Do Patients Fare Better Under Publicly or Privately-Owned Hospitals? A Comparison of 90-Day Outcomes After Total Knee Arthroplasty. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.

65. Highly Cross-Linked Polyethylene Outcomes at 10-Years in Total Knee Arthroplasty. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
66. One Year Complication Rates and Costs in HIV Patients After Primary Total Hip Arthroplasty. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
67. Inpatient Dislocation Following Total Hip Arthroplasty: Many Complications, Few Answers. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
68. Osteoarthritis and Osteonecrosis in Total Hip Arthroplasty: 90-Day Postoperative Outcomes. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
69. Impact of Robotic Assisted Surgery on One-Year Outcomes in Total Hip Arthroplasty. Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
70. Is It Safe to Perform Primary Total Hip Arthroplasty in Patients with Schizophrenia? Association of Hip and Knee Surgeons – 2020 Annual Meeting. Dallas, TX.
71. Temporary knee fusion using a short intramedullary nail for treatment of periprosthetic knee infections: A technique worth questioning. American Association of Hip and Knee Surgeons – 2018 Annual Meeting. Dallas, TX.
72. One- versus two-stage revision TKA: Outcomes in a matched cohort. American Association of Orthopaedic Surgeons – 2019 Annual Meeting. Las Vegas, NV.
73. Infected total knee arthroplasty patients implanted with calcium sulfate beads have lower reoperation rates and improved infection eradication. American Association of Orthopaedic Surgeons – 2019 Annual Meeting. Las Vegas, NV.
74. Antibiotic-impregnated calcium sulfate beads: A cost-effective adjunct to infected revision total hip arthroplasty. American Association of Orthopaedic Surgeons – 2019 Annual Meeting. Las Vegas, NV.
75. Increased knee range of motion and postoperative function with metal-on-polyethylene relative to all-cement molded articulating spacers. American Association of Orthopaedic Surgeons – 2019 Annual Meeting. Las Vegas, NV.

76. Increased number of revision procedures in femoral neck fracture fixation supplemented with calcium sulfate beads. American Association of Orthopaedic Surgeons – 2019 Annual Meeting. Las Vegas, NV.
77. A total knee arthroplasty cost analysis based on increasing patient comorbidities. American Association of Orthopaedic Surgeons – 2019 Annual Meeting. Las Vegas, NV.
78. Results of total femoral replacement in primary vs. revision reconstruction: A multicenter study investigating survivorship, clinical outcomes, and complications. American Association of Orthopaedic Surgeons – 2019 Annual Meeting. Las Vegas, NV.
79. Hamad V, Etcheson JI, Gwam CU, George NE, Tarazi JM, **Delanois RE**, Conway JD (July 2018). Multiple failed two-stage revision TKA: The role of temporary knee arthrodesis using antibiotic-impregnated cement spacer and antibiotic cement-coated intramedullary locking nail. Musculoskeletal Infection Society - 2018 Annual Meeting. Philadelphia, PA.
80. Etcheson JI, Gwam CU, George NE, Newman JM, Khlopa A, Thomas M, Mistry JB, Mont MA, **Delanois RE**. (March 2018). Does the amount of opioid consumed influence how patients rate their experience of care after total knee arthroplasty? American Academy of Orthopaedic Surgeons - 2018 Annual Meeting. New Orleans, LA.
81. George NE, Gwam C, Etcheson JI, Mistry JB, Mohamed N, Patel A, **Delanois RE**. (February 2018). Presentation of knee osteoarthritis in the emergency department. Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
82. George NE, Gwam C, Etcheson JI, Han G, De Souza R, **Delanois RE**, Mont MA. (February 2018). Does obesity affect outcomes in patients undergoing PT following TKA? Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
83. George NE, Gurk-Turner C, Etcheson JI, Gwam C, De Souza R, Nace J, **Delanois RE**. (February 2018). Adjunctive diclofenac decreases postoperative pain and opioid consumption following TKA. Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
84. George NE, Gwam C, Etcheson JI, Han G, Cherian JJ, **Delanois RE**, Mont MA., (February 2018). Mid-term survivorship and outcomes of highly cross-linked

- polyethylene in TKA. Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
85. George NE Siddiqi A, Etcheson JI, Gwam CU, **Delanois RE**, Nace J. (February 2018). Modified one-stage revision arthroplasty may be effective in treating periprosthetic joint infection. Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
86. Etcheson JI, Gwam CU, George NE, Virani S, Cherian JJ, Walia N, **Delanois RE**. (February 2018). Major depressive disorder, pain, and opioid consumption following total joint arthroplasty. Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
87. Etcheson JI, Gwam CU, George NE, Cherian JJ, Walia N, Mont MA, **Delanois RE**. (February 2018). Effect of smoking status on opioid consumption after total hip arthroplasty. Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD. (February 2018).
88. Etcheson JI, Gwam C, George N, McGinnis T, Bhave A, Mont MA, **Delanois RE**. (February 2018). Use of neuromuscular electrical stimulation may reduce arthrofibrosis after TKA. Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
89. Mohamed N, Gwam C, Etcheson JI, George NE, Singh S, Cherian JJ, **Delanois RE**. (February 2018). Impact factors of orthopaedic journals between 2010 and 2016. Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
90. Gwam C, Cherian JJ, George NE, Etcheson JI, Schneider K, Mont MA, **Delanois RE**. (February 2018). Can global budget revenue improve costs and quality in TKA? Maryland Orthopaedic Association - 2018 Annual Meeting. Annapolis, MD.
91. **Delanois RE**, George NE, Etcheson JI, Gwam CU. (November 2017). The narcotic epidemic: our response. Maryland Patient Safety Center - 2017 Annual Meeting. Ellicott City, MD.
92. Gwam C, Mistry J, Grayson C, Thomas M, **Delanois RE**. (February 2017). Decline in allogeneic blood transfusion usage in total hip arthroplasty patients: national inpatient sample 2009 to 2013. Podium presented at: Rothman-Ranawat Traveling Fellowship Hip Replacement Course; Alexandria, VA.

93. Khlopas A, Ali O, Gwam C, Chughtai M, Khan S, Mistry J, Elmallah R, **Delanois RE**, Mont MA. (March 2017). No correlation between Press Ganey survey responses and outcomes in post-total hip arthroplasty patients. Podium Presented at: American Academy of Orthopaedic Surgeons Annual Meeting; San Diego, CA.
94. Ali A, Chughtai M, Elmallah R, Gwam C, Khan S, Grasmick P, Vashist M, Mont MA, **Delanois RE**. (March 2017). What influences how patients rate their hospital after total joint arthroplasty. Podium Presented at: American Academy of Orthopaedic Surgeons Annual Meeting; San Diego, CA.
95. Khan S, Chughtai M, Ali A, Gwam C, Elmallah R, Mudaliar P, Mont MA, Mahoney JR, **Delanois RE**. (March 2017). What influences how patients with depression rate hospital stay after total joint arthroplasty? Podium Presented at: American Academy of Orthopaedic Surgeons Annual Meeting; San Diego, CA.
96. Virginia Orthopedic Society, 2004 Annual Meeting. Slide presentation: Wear characteristics of a cemented liner in a well-fixed acetabular shell.
97. Society of Military Orthopedics Surgeons, 2003 Annual Meeting. Slide presentation: Cementation of a polyethylene liner into a metal shell: wear characteristics.
98. Society of Military Orthopedics Surgeons, 2000 Annual Meeting. Slide presentation: High tibial osteotomy using distraction callotaxis, 2-5-year results.
99. American Academy of Orthopaedic Surgeons, 1998 Annual Meeting. Demographic, radiographic and clinical characterization of atraumatic osteonecrosis of the talus. New Orleans. March 19-23, 1998.
100. Naval Medical Center Portsmouth, 1998. The principles of primary total hip arthroplasty.
101. Wilford Hall Medical Center, San Antonio TX, 1996. The principles of management of infected total joint arthroplasties.

102. Johns Hopkins Grand Rounds, 1996. Massive allograft reconstruction of the proximal femur in revision total hip arthroplasty.
103. Society of Military Orthopaedic Surgeons, 1995 Annual Meeting. Slide presentation: Biomechanical testing of a new titanium alloy.
104. Mont MA, Wenz JP, Jones LC, Vogelstein BN, **Delanois RE**, Hungerford DS. Evidence of inappropriate application of autologous cartilage transplantation therapy in an uncontrolled environment. Abstract. American Academy of Orthopaedic Surgeons, 1998.
105. Mont MA, Wenz JW, **Delanois RE**. Evaluation of autologous cartilage transplant, indications reviewed for reimbursement. Abstract. American Academy of Orthopaedic Surgeons, 1998.
106. Johns Hopkins Grand Rounds, 1996. Massive allograft reconstruction of the proximal femur in revision total hip arthroplasty.
107. Pape HA, Zimmer WH, **Delanois RE**, Yaszemski M, Witkowski E. Timetal 21SRx- technology transfer of TIMETAL 21S to medical device applications. Titanium' 95 Science and Technology. Proceedings of the Eighth World Conference on Titanium 1995.

JOURNAL EDITORIAL BOARD

Arthroplasty Today, Association Editor

PEER REVIEWER

Arthroplasty Today

Arthroscopy: The Journal of Arthroscopic and Related Surgery

Clinical Orthopedics and Related Research

European Journal of Orthopaedic Surgery & Traumatology

Health Affairs

Hospital Practice

JBJS Case Connector

JBJS Reviews

Orthopedics

The Journal of Arthroplasty

The Journal of Bone Joint and Joint Surgery
The Journal of Knee Surgery

Board Certification and Licensure

Board certified American Board of Orthopedic Surgery 1999, 2009, 2017,2024

Recertified – January 2020 – December 2029

Licensure

Unrestricted license to practice medicine

No. D50441	No.0101057204	No.35C.oo3160	No.W1272
Maryland	Virginia	Ohio	Texas
Active	Active	Active	Active

Professional Experience

2005 - 2025	Rubin Institute for Advanced Orthopedics, Baltimore, MD
1997 - 2005	U.S. Navy, Naval Medical Center, Portsmouth, VA
1996 - 1997	Clinical Assistant Professor Johns Hopkins Medical School, Baltimore, MD
1991 - 1996	Orthopaedic Residency and General Surgery Internship Wilford Medical Center, San Antonio, TX

Academic Appointments

Assistant Professor of Surgery, Uniformed Services University of the Health Sciences

Adjunct Professor – Department of Orthopaedics, University of Maryland School of Medicine. February 2, 2021 through June 30, 2025.

Leadership and Committees

- System Chief of Orthopedics, LifeBridge Health - 2018 – 2025

Sinai Hospital, Baltimore, MD

Northwest Hospital

Carroll Hospital Center

Grace Medical

- LifeBridge Health Committees:

Sinai Medical Executive Committee

Sinai Peri-operative Governance Committee

Sinai New Orthopedic Product Review Committee

Sinai OR Efficiency Task Force

Sinai Quality Oversight Committee

Northwest Quality Oversight Committee

Northwest Medical Executive Committee

Northwest Peri-operative Governance Committee

Northwest Department Chair Committee

Northwest Physician Scorecard Committee

Northwest OPPE Committee (Ongoing Professional Practice Evaluation)

LifeBridge Health Medical Group Executive Committee

Chairman of the Multi-disciplinary Committee for Sinai and Northwest -
2010 – present

- Director of Research, Rubin Institute for Advanced Orthopedics - 2015 - 2025

- President, Baltimore City Medical Society - 2023

- AOA Leadership Committee - 2018

- Division Head of the Adult Reconstructive Service, Portsmouth Naval Medical Center

1998 - 2005

- Hip Subcommittee member - 2003 - 2007
- Leadership Fellowship Program AAOS - 2007
- Fellowship Director, Rubin institute for Advanced Orthopedics - 2007 - 2017
- Board of Counselors, AAOS - 2010 - 2016
- Secretary, Maryland Orthopedic Association - 2011 - 2013
- Vice President, Maryland Orthopedic Association - 2013 - 2015
- President, Maryland Orthopedic Association - 2015 - 2017
- Economics Committee Chair, AAOS - 2015 - 2016
- AAOS PAC Secretary - 2011 - present
- Education Committee AAHKS 2016-Present
- Director, AAOS Resident Hip and Knee course - 2014 - present
- Director of the Hip and Knee Service - 2013 - current
- AAHKS representative For the Hip and Knee Content Committee - 2016 - present
- Division Head of Adult Reconstructive Service Line - 2016 – present
- Hip Society Board (Member at Large) 2024- Present
- Board of Specialties AAOS 2024- Present

Research and Grants

1. Starting and Testosterone and Exercise Program after Hip Injury (STEP-HI); University of Maryland, Baltimore, Washington University School of Medicine, National Institutes of Health (NIH). Total Contract Value: \$12,610.

2. Comparative Effectiveness of Pulmonary Embolism Prevention after Hip and Knee Replacement (PEPPER): Balancing Safety and Effectiveness; Dartmouth, Patient-Centered Outcomes Research Institute (PCORI). Total Contract Value: \$230,000.
3. Restricted Educational Grant supporting research into osteolysis, bone voids, non-unions, and cost of care; Biocomposites. Total Value: \$100,000.
4. Mechanics and Performance of Traceable UHMWPE Implant; Drexel University, National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), National Institute of Health (NIH)

Publications

1. Villa JM, Mashni SJ, Bains SS, Singh V, Redden AR, Malkani AL, **Delanois RE**, Higuera CA. The Fate of Highly Porous Titanium Tibial Cones in Revision Total Knee Arthroplasty: A Multicenter 5-Year Minimum Follow-Up Study. *The Journal of Arthroplasty*. 2025.
2. Swartz GN, Katanbaf R, Ihekweazu U, Mont MA, **Delanois RE**. The role of social determinants of health in the delivery of value-based care in total joint arthroplasty. *The Journal of Arthroplasty*. 2025;40(2):276-9.
3. Swartz G, Layson JT, Hameed D, Dubin JA, Bains SS, Mont MA, **Delanois RE**, Scuderi GR. Quadriceps Tendon Ruptures After Total Knee Arthroplasty. *The Journal of Knee Surgery*. 2025.
4. Swartz G, Abdo ZE, Bains SS, Dubin JA, Hameed D, Nandi S, Mont MA, **Delanois RE**, Scuderi GR. Patellar Instability after Total Knee Arthroplasty. *The Journal of Knee Surgery*. 2025.
5. Scuderi GR, Tamer P, Mont MA, **Delanois RE**. Nonclinical Issues Influence the Outcomes of Total Joint Arthroplasty in a Value-Based Model. *The Journal of Arthroplasty*. 2025;40(6):1425-6.
6. Scuderi GR, Mont MA, Iorio RR, **Delanois RE**. Medicare May Be Broken, but the Sky Is Not Falling. *The Journal of Arthroplasty*. 2025;40(6):1385-6.
7. Megaloikononimos PD, Nowak L, Shehata M, Sprague S, Bzovsky S, Epure LM, De Petrillo G, Caron C, Laggis G, . . . Huk OL. Does Stem Design Affect the Incidence of Periprosthetic Femoral Fractures in Arthroplasty for Femoral Neck Fractures? A Secondary Analysis of the HEALTH Trial. *The Journal of Arthroplasty*. 2025.
8. Magruder ML, Mansour EJ, Scuderi GR, **Delanois RE**, Mont MA. Not all costs are created equal: what are the types of costs and why do they matter? *The Journal of Arthroplasty*. 2025;40(2):272-5.
9. Magruder ML, **Delanois RE**, Scuderi GR, Mont MA. Relative-value units in arthroplasty: past, present, and future. *The Journal of Arthroplasty*. 2025;40(2):280-3.

10. Katanbaf RM, Swartz GN, Weiss J, Mont MA, **Delanois RE**, Nace J. No Increased Complications Seen Among Obese Patients After Unicompartmental Knee Arthroplasty at 5-Year Follow-Up. *The Journal of Arthroplasty*. 2025.
11. Katanbaf R, Swartz GN, Dubin JA, Bains SS, Mont MA, Nace J, **Delanois RE**. Increased Lengths of Stay and Denial Rates Seen With Managed Care Organizations Following Total Hip Arthroplasty. *The Journal of Arthroplasty*. 2025.
12. Ho TD, Keshishian CA, Bains SS, Swartz GN, Katanbaf R, Dubin JA, **Delanois RE**, Patel NK. Thromboprophylaxis in patients admitted to inpatient rehabilitation and skilled nursing facilities post total joint arthroplasty. *Archives of Orthopaedic and Trauma Surgery*. 2025;145(1):1-7.
13. Heimann AF, Swartz GN, Bains SS, Dubin JA, Katanbaf R, **Delanois RE**, Murphy SB. Long-Term Outcomes of Third-Generation Ceramic-on-Ceramic Bearings in Cementless Primary Total Hip Arthroplasty: A 25-Year Survival Analysis. *The Journal of Arthroplasty*. 2025.
14. Dubin JA, Bains SS, Remily E, Salem H, Sax O, Hameed D, Nace J, McClure PK, **Delanois RE**. The current epidemiology of vascular injuries associated with knee dislocation in the United States from 2010 to 2022. *Journal of Orthopaedics*. 2025;59:8-12.
15. Dubin JA, Bains SS, Monárrez R, Gilmor R, Swartz GN, Katanbaf RM, Mont MA, Nace J, **Delanois RE**. The effect of insurance type on length of stay following total knee arthroplasty. *The Journal of Arthroplasty*. 2025;40(1):75-9.
16. Dubin J, Salem H, Sax O, Bains SS, Hameed D, Bennett C, Kissin Y, **Delanois RE**. Corticosteroid Injections Within 2 Weeks After Knee Arthroscopy Are Associated With Increased Infection Risk. *Arthroscopy: The Journal of Arthroscopic & Related Surgery*. 2025;41(4):1039-44. e1.
17. Dubin J, Bains S, Katanbaf R, Swartz G, Misch M, Mont M, **Delanois R**. A Critical Evaluation of Social Determinants of Health in Total Joint Arthroplasty. *The Journal of Arthroplasty*. 2025.
18. **Delanois RE**, Kain ZN, Scuderi GR, Mont MA. Value-based care in arthroplasty: where are we headed, and what is holding us back? *The Journal of Arthroplasty*. 2025;40(2):257-8.
19. Bains SS, Swartz GN, Katanbaf RM, Nace J, Bennett C, Mont MA, **Delanois RE**. Reply to Letter to the Editor: Concerns Regarding the Lack of Long-Term Data and Adherence to MIBO Guidelines in "Platelet-Rich Plasma Injections Are Inferior to Corticosteroid Injections for Short-Term Pain Relief: A Prospective, Double-Blinded, Randomized Controlled Trial". *The Journal of arthroplasty*. 2025:S0883-5403 (25) 00493-0.
20. Bains SS, Swartz GN, Katanbaf R, Nace J, Bennett C, Mont MA, **Delanois RE**. Platelet-rich plasma injections are inferior to corticosteroid injections for short-term pain relief: a prospective, double-blinded, randomized controlled trial. *The Journal of Arthroplasty*. 2025.
21. Bains SS, Swartz GN, Katanbaf R, Nace J, Bennett C, Mont MA, **Delanois RE**. Reply to Journal of Arthroplasty Letter to the Editor: Choosing the

- Injectate/Technique in Knee Osteoarthritis: Ultrasound is the Game Changer. *The Journal of Arthroplasty*. 2025.
22. Anoushiravani AA, Hoveidaei AH, Swartz GN, Katanbaf R, Feng JE, O'Connor CM, Nace J, Mont MA, **Delanois RE**. Medicare Reimbursement Trends for Common Hip Arthroplasty Procedures: A Generational Perspective, 2006 to 2024. *The Journal of Arthroplasty*. 2025.
 23. Swartz GN, Katanbaf R, Bains SS, **Delanois RE**, Mont MA. Robotic Technique. *The Cruciate Ligaments in Total Knee Arthroplasty: Design, Function and Rehabilitation: Springer; 2024*. p. 153-61.
 24. Swartz GN, Bains SS, Dubin JA, Katanbaf R, Hayes H, Nace J, Mont MA, **Delanois RE**. Robotic-Assistance in Total Hip Arthroplasty Is Associated With Decreased Dislocation Rates. *Arthroplasty Today*. 2024;30:101473.
 25. Swartz G, Bonanni S, Hameed D, Dubin JA, Bains SS, Patel DV, Mont MA, **Delanois RE**, Scuderi GR. Patellar tendon ruptures after total knee arthroplasty. *The Journal of Knee Surgery*. 2024.
 26. Swartz G, Albana M, Dubin JA, Hameed D, Bains SS, Mont MA, **Delanois RE**, Scuderi GR. Patella fractures after total knee arthroplasty. *The Journal of Knee Surgery*. 2024.
 27. Scuderi GR, **Delanois R**, Mont MA. Challenging the tenets of mechanical alignment in total knee arthroplasty: a new wave of thought? *The Journal of Arthroplasty*. 2024;39(4):855-6.
 28. Scuderi GR, Abdo ZE, **Delanois RE**, Mont MA. Will socioeconomic status always continue to impact the outcomes in total joint arthroplasty? *The Journal of Arthroplasty*. 2024;39(9):2156-7.
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 31. Robles R, Chen Z, Bains SS, Dubin JA, Mont MA, **Delanois RE**, Patel NK. Stroke history and time elapsed are predictors of complications in total knee arthroplasty. *The Journal of Arthroplasty*. 2024;39(4):921-6.
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 33. Ng MK, Magruder ML, PiuZZi NS, Heckmann ND, **Delanois RE**, Krebs VE, Mont MA. How-To Create an Orthopaedic Systematic Review: A Step-by-step Guide Part II: Study Execution. *The Journal of arthroplasty*. 2024;39(8):2124-9.
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 35. Ng MK, Magruder ML, Heckmann ND, **Delanois RE**, PiuZZi NS, Krebs VE, Mont MA. How-To Create an Orthopaedic Systematic Review: A Step-by-Step

- Guide. Part III: Executing a Meta-Analysis. *The Journal of arthroplasty*. 2024;39(9):2383-8.
36. Moore MC, Dubin JA, Monárrez R, Bains SS, Hameed D, Nace J, Mont MA, **Delanois RE**. Cemented versus cementless femoral fixation for total hip arthroplasty following osteoarthritis. *The Journal of Arthroplasty*. 2024;39(6):1545-9.
 37. Moore MC, Dubin JA, Bains SS, Hameed D, Nace J, **Delanois RE**. Trends in deep vein thrombosis prophylaxis after total hip arthroplasty: 2016 to 2021. *Journal of Orthopaedics*. 2024;48:77-83.
 38. Monarrez R, Dubin J, Bains SS, Hameed D, Moore MC, Chen Z, Mont MA, **Delanois RE**, Nace J. Cemented is not superior to cementless total knee arthroplasty for complications: a propensity score matched analysis. *European Journal of Orthopaedic Surgery & Traumatology*. 2024;34(4):1825-30.
 39. Mohamed NS, Salib CG, Sax OC, Remily EA, Douglas SJ, **Delanois RE**. Spinal fusion and total hip arthroplasty: why timing is important. *Hip International*. 2024;34(2):174-80.
 40. Hannon CP, **Delanois RE**, Nandi S, Fillingham Y, Group MoOotHW. American Academy of Orthopaedic Surgeons Clinical Practice guideline summary management of osteoarthritis of the hip. *JAAOS-Journal of the American Academy of Orthopaedic Surgeons*. 2024;32(20):e1027-e34.
 41. Hameed D, McCormick BP, Sequeira SB, Dubin JA, Bains SS, Mont MA, **Delanois RE**, Boucher HR. Cemented versus cementless femoral fixation for total hip arthroplasty following femoral neck fracture in patients aged 65 and older. *The Journal of Arthroplasty*. 2024;39(7):1747-51.
 42. Hameed D, Bains SS, Dubin JA, Chen Z, Nace J, **Delanois RE**, Mont MA, McClure PK. Staged approach to tibial nail removal poses increased risk for infection in the setting of total knee arthroplasty. *The Journal of Arthroplasty*. 2024;39(4):891-5. e1.
 43. Gesheff MG, Scalzitti DA, Bains SS, Dubin J, **Delanois RE**. Time to Total Knee Arthroplasty (TKA) Post Intra-Articular Injection. *Journal of Clinical Medicine*. 2024;13(13):3764.
 44. Dubin JA, Hameed D, Baksh N, Bains SS, Mont MA, Nace J, **Delanois RE**, Golladay G. Impact of reporting bias, conflict of interest, and funding sources on quality of orthopaedic research. *The Journal of Arthroplasty*. 2024;39(5):1348-52.
 45. Dubin JA, Hameed D, Baksh N, Bains SS, Mont MA, Nace J, **Delanois RE**, Golladay G. Response to Letter to the Editor on " Impact of Reporting Bias, Conflict of Interest, and Funding Sources on Quality of Orthopaedic Research". *The Journal of arthroplasty*. 2024;39(10):e54.
 46. Dubin JA, Hameed D, Bains SS, Monárrez R, Swartz GN, DeRogatis M, Mont MA, Nace J, **Delanois RE**. A comparison between polyethylene exchange and full revision for arthrofibrosis following total knee arthroplasty. *The Journal of Arthroplasty*. 2024;39(9):2363-7.
 47. Dubin JA, Hameed D, Bains SS, Chen Z, Monárrez R, Gilmor R, **Delanois RE**, Nace J. Cementless medial pivot design demonstrates equal or better outcomes

- compared to cementless cruciate-retaining design following total knee arthroplasty. *Journal of Orthopaedics*. 2024;50:65-9.
48. Dubin JA, Bains SS, Paulson AE, Monarrez R, Hameed D, Nace J, Mont M, **Delanois RE**. The current epidemiology of revision total knee arthroplasty in the United States from 2016 to 2022. *The Journal of Arthroplasty*. 2024;39(3):760-5.
 49. Dubin JA, Bains SS, Monarrez R, Salib C, Hameed D, Nace J, Mont M, Golladay G, **Delanois RE**. The effect of fixation type on periprosthetic fractures in high-risk patients who have osteoporosis undergoing total joint arthroplasty. *Journal of Orthopaedics*. 2024;56:26-31.
 50. Dubin JA, Bains SS, Hameed D, Remily EA, Moore MC, Mont MA, Nace J, **Delanois RE**. Trends in deep vein thrombosis prophylaxis after total knee arthroplasty: 2016 to 2021. *The Journal of Arthroplasty*. 2024;39(8):S328-S32.
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 53. Dubin JA, Bains SS, Hameed D, Gottlich C, Turpin R, Nace J, Mont M, **Delanois RE**. Projected volume of primary total joint arthroplasty in the USA from 2019 to 2060. *European Journal of Orthopaedic Surgery & Traumatology*. 2024;34(5):2663-70.
 54. Dubin JA, Bains SS, Hameed D, Gottlich C, Turpin R, Nace J, Mont M, **Delanois RE**. Correction to: Projected volume of primary total joint arthroplasty in the USA from 2019 to 2060. *European Journal of Orthopaedic Surgery & Traumatology*. 2024;34(5):2671-.
 55. Dubin JA, Bains SS, Hameed D, Chen Z, Mayassi HA, Nace J, **Delanois RE**. The use of preoperative continuous positive airway pressure in patients with obstructive sleep apnea following total knee arthroplasty: a propensity score matched analysis. *Archives of Orthopaedic and Trauma Surgery*. 2024;144(6):2775-81.
 56. Dubin JA, Bains SS, Hameed D, Chen Z, Gaertner E, Nace J, Mont MA, **Delanois RE**. Evaluating ChatGPT's Utility in Medicine Guidelines Through Web Search Analysis. *The Permanente Journal*. 2024;28(2):55.
 57. Dubin JA, Bains SS, DeRogatis MJ, Moore MC, Hameed D, Mont MA, Nace J, **Delanois RE**. Appropriateness of frequently asked patient questions following total hip arthroplasty from ChatGPT compared to arthroplasty-trained nurses. *The Journal of Arthroplasty*. 2024;39(9):S306-S11.
 58. Dubin J, Hameed D, Moore MC, Bains SS, Patel S, Nace J, Mont MA, **Delanois RE**. Methodological Assessment of the 100 Most-Cited Articles in Total Knee Arthroplasty in the Last Decade Compared to the All-Time List. *The Journal of Arthroplasty*. 2024;39(6):1434-43. e5.
 59. Dubin J, Bains SS, Hameed D, Moore MC, **Delanois RE**. Preoperative Glycemic Markers and the Risk of Periprosthetic Joint Infection After Total

- Hip Arthroplasty: Commentary on an article by Julian Wier, MD, et al.: “Higher Blood Glucose Levels on the Day of Surgery Are Associated with an Increased Risk of Periprosthetic Joint Infection After Total Hip Arthroplasty”. *JBJS*. 2024;106(4):e9.
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73. Bains SS, Chen Z, Sax OC, Salib CG, Paulson AE, **Delanois RE**. Biologic disease-modifying antirheumatic drugs do not increase risk for prosthetic joint infection in setting of total knee arthroplasty. *The Journal of Knee Surgery*. 2024;37(02):121-7.
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Presentations

1. AAOS Mar 2025: **“What’s New in Orthopaedic Wound Healing and Pain Management”**
2. AAOS Mar 2025: **“Complex Acetabular Reconstruction with Tri-Flange and Mixed Reality”**

3. Cutting Edge in Hip & Knee Arthroplasty Feb 2025: **“Value-Based Care: What it Means, How it Started, and What is Coming Next”**
4. JAMM Feb 2025: **“Value-Based Care: What it Means, How it Started, and What is Coming Next”**
5. JAMM Feb 2025: **“1.5-Stage: A Modern Approach for the Management of Difficult Infections”**
6. JAMM Feb 2025: **“Managed Care Organizations: The Dark Side of Good”**
7. JAMM Feb 2025: **“Save Your Patient Additional Post-Op Pain: Don’t Use a Tourniquet”**
8. Johnson & Johnson National Sales Meeting Jan 2025: **“The 1-2 Punch: Simplifying Hip Revisions with Watson Extraction System and Reclaim Monobloc”**
9. Johnson & Johnson National Sales Meeting Jan 2025: **“Latest Challenges and Solutions in Hip Revision”**
10. CCJR Dec 2024: **“Techniques: The Anterior-Based Muscle Sparing Approach: Easier to Do and Just as Good as the Direct Anterior”**
11. CCJR Dec 2024: **“What Surgeons Need to Know: Navigating Value-Based Care and CMS Regulations in Total Joint Arthroplasty”**
12. CCJR Dec 2024: **“Video: Complex Acetabular Revision with Custom Tri-Flange and Mixed Reality Holographic Visualization”**
13. AAHKS Spring Meeting 2024: **“Technology in TJA: Why I Don’t Use It”**
14. JAMM Mar 2024: **“Video: The Other Anterior Approach (Watson Jones).”**

15. JAMM Mar 2024: **“Management of MCL Laceration Following Primary TKA.”**
16. JAMM Mar 2024: **“Dual Mobility in the Well-Fixed Unknown Cup Revision.”**
17. The Maryland Orthopaedic Association 2024 Annual Meeting, February 10, 2024: **“Physicians Leading Physicians to Financial Independence at the Baltimore City Medical Society.”**
18. American Academy of Orthopaedic Surgeons 2023, AAHKS Specialty Day, March 7th 2023: **“Safely Removing Components Including Stems/Cones: 5 Tips and Tricks.”**
19. Current Concepts in Joint Replacement 2022, December 9, 2022: **“Difficult Total Knee Arthroplasties.”**
20. The Hip Society 2022 Summer Meeting, October 1, 2022: **“1.5- Versus 2-Stage Exchange Total Hip Arthroplasty for Chronic Periprosthetic Joint Infections: A Comparison of Survivorship, Re-Infection, and Patient Reported Outcomes.”**
21. AAOS Innovative Techniques in Total Knee Arthroplasty, September 25, 2022: **“Do Some Patients Still Require Discharge to Extended Care Facility?”**
22. AAOS Innovative Techniques in Total Knee Arthroplasty, September 24, 2022: **“Diagnosing and Managing Instability.”**
23. AAOS Innovative Techniques in Total Knee Arthroplasty, September 15, 2022: **“Smoking – How Significant is the Risk.”**
24. The Knee Society 2022 Members Meeting, September 9, 2022: **“Antibiotic Prophylaxis is Often Unnecessary for Screening Colonoscopies Following Total Knee Arthroplasty.”**
25. Joint Arthroplasty Mountain Meeting – JAMM Feb 2022: **“The Perfect Case for Dual Mobility.”**

26. JAMM Feb 2022: **“Two Stage Exchange in Chronic Infection.”**
27. JAMM Feb 2022: **“The Obese Patient: Should We Have a Cut Off?”**
28. Mid America Orthopedic Association - 2018
29. Grand Rounds Cleveland Clinic: **“Health care reform and the Maryland all payor model 2017.”**
30. Grand Rounds, Sinai Hospital – 2012-Present
31. Maryland Orthopedic presentation - 2015
32. Virginia Orthopedic Society, 2004 Annual Meeting. Slide presentation: **“Wear characteristics of a cemented liner in a well-fixed acetabular shell.”**
33. Society of Military Orthopedics Surgeons, 2003 Annual Meeting. Slide presentation: **“Cementation of a polyethylene liner into a metal shell: wear characteristics.”**
34. Society of Military Orthopedics Surgeons, 2000 Annual Meeting. Slide presentation: **“High tibial osteotomy using distraction callotaxis, 2-5-year results.”**
35. American Academy of Orthopaedic Surgeons, 1998 Annual Meeting. **“Demographic, radiographic and clinical characterization of atraumatic osteonecrosis of the talus.”** New Orleans, March 19-23, 1998.
36. Naval Medical Center Portsmouth, 1998. **“The principles of primary total hip arthroplasty.”**

37. Wilford Hall Medical Center, San Antonio TX, 1996. **“The principles of management of infected total joint arthroplasties.”**
38. Johns Hopkins Grand Rounds, 1996. **“Massive allograft reconstruction of the proximal femur in revision total hip arthroplasty.”**
39. Society of Military Orthopaedic Surgeons, 1995 Annual Meeting. Slide presentation: **“Biomechanical testing of a new titanium alloy.”**

Book Chapters and Online Courses

1. Robotic Technique. Swartz, G, Katanbaf, R, Bains, S, **Delanois, RE**, Mont, MA. In: Parcels, BW, Tria, AJ (eds) The Cruciate Ligaments in Total Knee Arthroplasty. Springer, Cham. 2024.
2. Comparison of the ABMS Approach to Other Surgical Approaches for Total Hip Replacement. Wu, Eddie S, Albana, Mohamed F., **Delanois, Ronald E.** In: Geller, J.A., McGrory, B.J. (eds) The Anterior-Based Muscle-Sparing Approach to Total Hip Arthroplasty. Springer, Cham. https://doi.org/10.1007/978-3-031-02059-9_12. 27 July 2022.
3. Remily E, Mohamed N, Wilkie W, Bonier, J, McDermott, S, Nace, J, **Delanois R.** Non-Arthroplasty Management of Knee Arthritis. OKU. Hip and Knee Reconstruction 6, 2019.
4. Wilkie W, Mohamed N, Remily E, McDermott S, Bonier J, Nace J, **Delanois R.** The Difficult Primary Total Knee Arthroplasty. OKU. Hip and Knee Reconstruction 6, 2019.
5. Khlopas A, Connors GP, Gwam CU, Mistry JB, **Delanois RE**, Mont MA. Extra-articular deformity. Complex cases in total knee arthroplasty: A compendium of current techniques. (January 2017).
6. Cherian J, **Delanois RE.** Minimally invasive anterolateral (Watson Jones) in the supine approach minimal invasive surgery in orthopedics. (January 2016).
7. Mistry J, Sayeed S, Mont MA, **Delanois RE.** The difficult primary total knee arthroplasty. OKU. Hip and Knee Reconstruction 5, 2016

8. **Delanois RE**, Seikya J. Hip arthroscopy using a limited open anterior approach. Surgical techniques in sports medicine.

9. Mont MA, **Delanois RE**, Hungerford DS. Balancing and alignment: surgical techniques on how to achieve soft tissue balancing. Revision total knee arthroplasty. Paul Lotke and Jonathan Garino, Editors.

Online Courses

1. Incavo SJ, ed: **Delanois RE**. Surgical Insights: Total Knee Arthroplasty. Rosemont, IL. American Academy of Orthopaedic Surgeons, 2019.

Honors and Awards

The Reinert Award (educator of the year) 2000

Magna Cum Laude 1987 Loyola University

Departmental Honor in Biology 1987 - Loyola University

Military Service

Lt Col United States Air Force, Commissioned: 1987

Reserve: 1987 - 1991 at USUHS

Active Duty: 1991 - 2005

Air Force Reserve: 2008 - 2015 (Ret)

Airborne School: 1989

Navy Achievement Medal: 2003

Navy Accommodation Medal: 2005

Professional Affiliations

American Academy of Orthopedic Surgeons - Fellow member 1999 - Present

Maryland Orthopedic Association - 2005 - Present

Society of Military Orthopedic Surgeons - 1996 - 2008

MedChi - 2010 - Present

Baltimore Medical Society - 2010 - Present

ABOS examiner - 2010 - Present

AOA member – 2011

The Hip Society – 2020 – Present

The Knee Society – 2021 - Present

Hip & Knee Content Committee - AAOS

References

1. Watson Jones approach to total hip arthroplasty. AAHKS 2017.
2. Non-vascularized bone grafting for the treatment of osteonecrosis of the hip: trapdoor approach. American Academy of Orthopedic Surgeons – Video Library, 2006.
3. Limited femoral resurfacing for osteonecrosis of the hip. American Academy of Orthopedic Surgeons – Video Library, 2006.
4. Patellofemoral arthroplasty: indications, contraindications, technique and potential pitfalls. American Academy of Orthopedic Surgeons – Video Library, 2006.
5. Metal-on-metal total hip resurfacing. American Academy of Orthopedic Surgeons – Video Library, 2006.