

CURRICULUM VITAE
Lee E. Rubin, MD, FAAOS, FAAHKS, FAOA

Version date: 09/15/2024

Education:

08/1996-05/2000 BS, Major in Biology, Minor in Philosophy with Cluster Concentration in “Ethics and Values”, Brandeis University, Waltham, MA

08/2000-05/2004 MD, Tufts University School of Medicine, Boston, MA

09/2018-05/2019 Yale Medicine Emerging Leaders Program Certificate, Yale School of Management, New Haven, CT

09/2019-06/2020 Yale Medicine Advanced Emerging Leaders Program Certificate, Yale School of Management, New Haven, CT

Career/Academic Appointments:

07/2004-06/2005 Intern, General Surgery, Yale New Haven Hospital, New Haven, CT

07/2005-06/2008 Resident, Orthopaedic Surgery, Yale New Haven Hospital, New Haven, CT

07/2008-06/2009 Clinical Instructor, Yale University School of Medicine, New Haven, CT

08/2009-07/2010 Postdoctoral Fellow in Adult Reconstruction, Keggi Orthopedic Foundation & Waterbury Hospital, Waterbury, CT.

10/2011-11/2016 Assistant Professor, Department of Orthopedic Surgery, Warren Alpert Medical School of Brown University, Providence, RI.

01/2017-Present Associate Professor of Orthopedic Surgery, Yale University School of Medicine, New Haven, CT.

Administrative Positions:

2016 - 2016 Associate Director, Brown University Orthopedic Residency Program, Providence, RI

2017 - Present Co-Chair, YNHH Musculoskeletal Surgical Site Infection Committee New Haven, CT

2017 - Present Chief, YNHH Total Joint Replacement Program, New Haven, CT

2018 - Present Chief, Division of Adult Reconstruction, Yale University, New Haven, CT

- 2018 - Present Program Director, Keggi-Kimball International Orthopedic Educational Fund “Visiting Scholars” Program, New Haven, CT
- 2018 - Present Director, YNHHS System Arthroplasty Committee, New Haven, CT
- 2021 - Present Member, YNHG Graduate Medical Education Council, New Haven, CT
- 2021 - Present Program Director, Yale Arthroplasty Fellowship, New Haven, CT

Board Certification:

- 2013-2023 American Board of Orthopedic Surgery
- 2023-2033 American Board of Orthopedic Surgery, recertification

Professional Honors & Recognition

International/National/Regional

- 2011 Marquis’ “Who’s Who in America”
- 2013 Who’s Who in Medicine Academia
- 2013 Fain Quality Award, “Total Joint Center Transfusion Reduction,” The Miriam Hospital
- 2015 Medical Honoree, Arthritis Foundation’s Rhode Island Walk to Cure Arthritis
- 2017 Social Media Award, Anterior Hip Foundation Meeting
Leading Physicians of the World
- 2018 Best Poster Award, Primary Total Hip Arthroplasty, American Association of Hip and Knee Surgeons (AAHKS) Annual Meeting

Featured Article by Bone and Joint Journal: Increased Complications in Geriatric Patients with Hip Fracture Whose Postoperative Weight-Bearing Is Restricted: An Analysis of 4,918 Patients
- 2019 “Top 8” Paper Recognition, American Academy of Orthopedic Surgeons (AAOS)

Top Poster Award, AOA Annual Leadership Meetings

Best of Milford Award, Milford, CT Award Program, Orthopedic Surgery

Clinical Re-Design Abstract Award, Yale Medicine / Yale-New Haven Hospital’s Safety, Quality, and Experience Conference
- 2020 Orthopedic Video Theater Award, American Academy of Orthopedic Surgery Meeting, Orlando, FL (Awarded in 2021 due to COVID)
- 2021 Best Adult Paper Award, American Academy for Cerebral Palsy and Developmental Medicine (AACPD) Annual Meeting, Quebec City, Canada

Orthopedic Video Theater Award, American Academy of Orthopedic Surgery Meeting

Top 10 Global Influencer (#5), Medical Device News

- 2022 Orthopedic Video Theater Honorable Mention Award, American Academy of Orthopedic Surgery Meeting, Chicago, IL
- 2023 “AAHKS Top 100 Poster,” American Association of Hip & Knee Surgeons (AAHKS)
- 2024 Top 2-3% (97-98th Percentile), HealthCare Research All-Star Award, Avant-Garde Health Best Research Award, Northeast Arthroplasty Conference

Local

- 2012 “Service Excellence Leadership Award,” Rhode Island Hospital.
- 2013 Fain Quality Award, “Total Joint Center Transfusion Reduction,” The Miriam Hospital.
- 2018 “Best of Milford” Award, Milford, CT Award Program, Orthopaedic Surgery.
- 2019 Clinical Re-Design Abstract Award. Yale Medicine / Yale-New Haven Hospital’s Safety, Quality, and Experience Conference, June 5, 2019, Wallingford, CT. Nelson C, Stone D, O’Connor MI, **Rubin LE**, Gibson DH, Morris J, Moore A, Akande O, Haesche G. “Pre-operative optimization of Total Joint Arthroplasty patients decreases readmissions and promotes patient engagement.”

Connecticut Magazine and Best Doctor’s “Top Docs” List:
Included for Orthopedic Surgery: 2019, 2020, 2022, 2023, 2024

Grant/Clinical Trials History

Current Grants:

Agency: Yale Department of Anesthesiology
ID#:
Title: “Opioid-Sparing Analgesia after Total Knee Arthroplasty”
PI: Li J, **Rubin LE**, and The Yale SENBA TKA Study Group
Role on project: Co-Principal Investigator
Percent effort: N/A
Total costs: \$25,000
Project period: 2022-Present

Note: IRB approved study in progress for Prospective, Quadruple-Blinded RCT of Peripheral Nerve Block Agents

Agency: Zimmer Biomet
ID#: 23-002956
Title: AAHKS Fellowship Education and Innovation Program Grant
PI: Rubin LE
Role on Project: Principal Investigator
Percent effort: N/A
Total costs: \$20,000
Project period: August 1, 2023 to July 31, 2024

Past Grants

Agency: Rhode Island Hospital Orthopedic Foundation, Inc.
ID#: N/A
Title: Retrospective cohort analysis of Tran-examic acid (TXA) in total joint Arthroplasty
PI: Rubin LE
Role on project: Senior Author and Co-PI
Percent effort: N/A
Total costs: \$2,500
Project period: 2013

Note: This was a retrospective cohort research project designed to assess the clinical impact of TXA on the total joint center with regard to transfusion rates, blood component management, and clinical outcomes following elective total joint replacement. In 2014, clinical data and a cost benefit analysis derived from the project were published in the Journal of Arthroplasty, and two further sub-group analyses were also published in Reconstructive Review.

Agency: Rhode Island Medical Imaging
ID#: N/A
Title: MRI Measurement of Knee Ligament Health in Osteoarthritis
PI: Rubin LE
Role on project: Senior Author, Co-PI, Lead Clinician
Percent effort: N/A
Total costs: \$5,000
Project period: 2014

Note: This project focused on the role of MRI in creating a volumetric assessment of cruciate ligament strength within the arthritic adult knee. The goal was to compare MRI data to ACL ligament failure strength testing on 15 cadaver knees, and to compare MRI data on 15 native arthritic knees to subsequent histology on harvested cruciate ligaments. Porcine data from the initial ACL focused project was published to validate the model and proprietary MRI software, and human data derived from this project was subsequently published in the Journal of Biomechanics in 2015.

Agency: Yale Orthopedic Surgery Departmental Research Fund
ID#: N/A
Title: Is there value in sub-specialty Training? Comparison in Difference of Outcomes between non-fellowship and fellowship trained Orthopedic surgeons among ABOS candidates
PI: Lee E. Rubin MD
Role on project: Project Leader
Percent effort: N/A
Total costs: \$2,800
Project period: 2018-2019

Agency: Yale SENBA THA Study Group
ID#: N/A
Title: Steroid Enhanced Anterior Quadratus Lumborum and Lateral Femoral Cutaneous Nerve Block versus Periarticular Local Infiltration Analgesia in Total Hip Arthroplasty: A Randomized Control Study
PI: Li J, Rubin LE, Krishna R, Townsend D, Blessing M, Tung WS, Yanez D, Zhao J, Treggiari M, Lin HM, Leslie MP

Role on project: Co-Principal Investigator
Percent effort: N/A
Total costs: N/A
Project period: 2021-2023

Note: 188 patients were collected prospectively with a minimum 1-year follow-up, data being prepared for submission as of Late August 2023

Pending

Agency: German Research Foundation
ID#: Project #547256202
Title: Establishment of a Dynamic and Image-Morphologically Supported Computer Model for Detecting Femoroacetabular Impingement of the Hip and Differentiating Intra- and Extra-Articular Consequential Damage and Its Influence on the Clinical Pain Pattern

PI: Becker N, Pour AE, Wiznia DH, **Rubin LE**

Role on project: Co-Principal Investigator

Percent effort: [Include if available]

Total costs: 110,038.32 Euros

Project period: 01/01/2025-12/31/2026

Note: Awarded to Dr. Nils Becker by the German Research Foundation, July 2, 2024 to commence January 1, 2025.

Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated with Yale

International & National

1. "Special Instruments for Femoral Preparation." 1st Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 13-15, 2012.
2. "Hemostasis for the Direct Anterior Approach." 2nd Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 26-28, 2013.
3. "Intraoperative Adjuncts: Special Instruments for the Direct Anterior Approach." 2nd Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 26-28, 2013.
4. Proctor, "The 12 Steps Cadaver Course" and "Advanced Cadaver Lab" 2nd Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 26-28, 2013.
5. "DAA for Bearing Exchanges" 3rd Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 18-20, 2014.
6. "Top 10 Things I learned on the Learning Curve" 3rd Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 18-20, 2014.
7. "Managing DAA Complications" 3rd Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 18-20, 2014.
8. "What do I tell patients about the DAA" 3rd Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 18-20, 2014.
9. Faculty Proctor, "The 12 Steps Cadaver Course" and "Advanced Cadaver Lab" 3rd Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 18-20, 2014.
10. "Hip Resection Arthroplasty via the DAA" 4th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 24-26, 2015.

11. “Hip Hemiarthroplasty via the DAA” 4th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 24-26, 2015.
12. Session Moderator: “The DAA of Today and Tomorrow” 4th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 24-26, 2015.
13. Panel Discussion: “Avoiding and Managing Complications” 4th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 24-26, 2015.
14. Panel Discussion: “Case Reviews: Difficult and Interesting THA’s” 4th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 24-26, 2015.
15. “Preop Education and Preparation for Outpatient DAA THA” 5th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 22-24, 2016.
16. Moderator for panel: “Economics of Arthroplasty” 5th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 22-24, 2016.
17. “Hip Hemiarthroplasty via the DAA” 5th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 22-24, 2016.
18. Challenging Cases Panel Speaker: “Difficult and Interesting THA’s” 5th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 22-24, 2016.
19. Anatomy Lab Table Proctor: “Primary and Revision THA Techniques” 5th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Houston, TX, September 22-24, 2016.
20. “Managing the Protrusio Acetabulum” 6th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 19-21, 2017, Houston, TX.
21. “How to perform a Hemiarthroplasty: Very Carefully (AAOS AUC Guidelines)” 6th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 19-21, 2017, Houston, TX.
22. “Peri-Prosthetic Femur Fractures” 6th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 19-21, 2017, Houston, TX.
23. Panel Member, “Case Reviews: Difficult and Interesting THA’s” 6th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 19-21, 2017, Houston, TX.
24. Station Moderator, “Hands on DAA Workshop,” Cadaver Lab 6th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 19-21, 2017, Houston, TX.
25. “The Keggi Fund for International Orthopedic Education at Yale” Visiting Professor, Riga Stradins University, September 17-19, 2018, Riga, Latvia.
26. “The Direct Anterior Approach for Hip Reconstruction” Visiting Professor, Riga Stradins University, September 17-19, 2018, Riga, Latvia.
27. “Tran-Examic Acid and ‘Combined TXA’ Dosing in Total Hip Arthroplasty” Visiting Professor, Riga Stradins University, September 17-19, 2018, Riga, Latvia.
28. “Evaluating the safety of Revision Hip and Knee surgery in the Geriatric Population” Visiting Professor, Riga Stradins University, September 17-19, 2018, Riga, Latvia.
29. “The Keggi Fund for International Orthopedic Education at Yale” International Conference of Orthopedics and Traumatology, September 20-22, 2018, Tbilisi, Republic of Georgia.
30. “The Direct Anterior Approach for Hip Reconstruction” International Conference of Orthopedics and Traumatology, September 20-22, 2018, Tbilisi, Republic of Georgia.
31. “Tran-Examic Acid and ‘Combined TXA’ Dosing in Total Hip Arthroplasty” International Conference of Orthopedics and Traumatology, September 20-22, 2018, Tbilisi, Republic of Georgia.

32. “Evaluating the safety of Revision Hip and Knee surgery in the Geriatric Population” International Conference of Orthopedics and Traumatology, September 20-22, 2018, Tbilisi, Republic of Georgia.
33. “Managing the Protrusio Acetabulum” 7th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, September 27-29, 2018, Houston, TX.
34. “How to Perform a Hemiarthroplasty: Very Carefully (AAOS AUC Guidelines)” 7th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, September 27-29, 2018, Houston, TX.
35. “Preventing Lateral Femoral Cutaneous Nerve (LFCN) Neuropraxia” 7th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, September 27-29, 2018, Houston, TX.
36. Moderator, “Case Reviews: Difficult and Interesting THA’s” 7th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, September 27-29, 2018, Houston, TX.
37. Station Moderator, “Hands on DAA Workshop,” Cadaver Lab 7th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, September 27-29, 2018, Houston, TX.
38. Invited Guest Faculty, “23rd Annual Congreso Nacional de Ortopedia & Traumatología,” September 27-29, 2019, San Jose, Costa Rica.
39. “Transitioning to the Direct Anterior Approach with “Tips and Tricks” 23rd Annual Congreso Nacional de Ortopedia & Traumatología,” September 27-29, 2019, San Jose, Costa Rica
40. “Hip Hemiarthroplasty via the Direct Anterior Approach in 2019” 23rd Annual Congreso Nacional de Ortopedia & Traumatología,” September 27-29, 2019, San Jose, Costa Rica
41. “Management of Proximal Femoral Bone Defects During Revision Total Hip Arthroplasty” 23rd Annual Congreso Nacional de Ortopedia & Traumatología,” September 27-29, 2019, San Jose, Costa Rica
42. Round-Table Discussions: “Peri-Operative DVT Prophylaxis: Data and Debate”, “Controversies in Arthroplasty”, and “Management of Prosthetic Joint Infection” 23rd Annual Congreso Nacional de Ortopedia & Traumatología,” September 27-29, 2019, San Jose, Costa Rica
43. “Managing the Protrusio Acetabulum” 8th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 17-19, 2019, Houston, TX.
44. “Anterior Hip Hemiarthroplasty in 2019: Technique and Outcomes” 8th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 17-19, 2019, Houston, TX.
45. “Preventing Lateral Femoral Cutaneous Nerve (LFCN) Neuropraxia” 8th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 17-19, 2019, Houston, TX.
46. Moderator, “Case Reviews: Difficult and Interesting THA’s” 8th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 17-19, 2019, Houston, TX.
47. Station Moderator, “Hands on DAA Workshop,” Cadaver Lab 8th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 17-19, 2019, Houston, TX.
48. “Aquacel Dressing for Direct Anterior Approach THA: Rationale, Data Review, Cost Comparison.” 9 th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Held Virtually due to COVID-19, October 6, 2020, Houston, TX.
49. “Difficult Revision Total Hip Arthroplasty Through an Anterior Approach: Extensile Expansions of Anterior Approach for Revisions, Complex Deformities, Conversions, and Periprosthetic Fractures.” AAOS Masterclass Webinar Series, Live Broadcast to the Indian Orthopedic Association. September 19, 2020. 1,093 Attendees.
50. “Aquacel Dressing for Direct Anterior Approach THA: Rationale, Data Review, Cost Comparison.” Infection Prevention Summit, Webinar, September 9, 2020. 80 Participants.

51. “Aquacel Dressing for Direct Anterior Approach THA: Rationale, Data Review, Cost Comparison.” Becker’s Healthcare Online Webinar, Recorded August 2020.
52. **Rubin LE.** “Tele-Health Transition and Implementation” Faculty Panelist for AAHKS Webinar with Stryker LS, Lerman A, Sasoon AA, Voss FA. April 14, 2020 7-8pm CST. “Tele-Health and Total Joint Surgeons: How to Run a Virtual Practice” (~ 250 Live Attendees)
53. “Managing Non-Urgent Patients: Incorporating Tele-Medicine into Surgical Practice”. Faculty Panelist for Advances in Surgery (AIS) Webinar with R Harvey, SL Levin, Nunley R, Pellise F, Trampuz A, Oh CW. May 5, 2020 9-11am EST. “Ortho & Spine Surgery in Times of COVID-19.” (17,927 Live Attendees)
54. 9th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, Held Virtually due to COVID-19, October 6-27, 2020, Houston, TX.
55. Current Concepts in Arthroplasty. Organized by the Department of Orthopedics & the Orthopedic Research Society, All-India Institute of Medical Sciences. Oct 29-31, 2021, New Delhi, India.
56. “The Impact of the Direct Anterior Approach on Outpatient Total Hip Arthroplasty in the US: The Yale Experience” Invited Keynote Presentation for Research Week at Riga Stradins University, March 25, 2021, Online due to COVID-19.
57. “Outpatient Total Hip Arthroplasty and Wound Management” Becker’s Healthcare Online Webinar, Recorded February 19, 2021.
58. 10th Annual International Congress for Joint Reconstruction (ICJR) Anterior Hip Course, October 14-16, 2021, Houston, TX.
59. Current Concepts in Arthroplasty (CCA) Anterior Hip Cadaver Course, AIIMS, New Delhi, India, Oct 14, 2022.
60. Current Concepts in Arthroplasty (CCA) 2022 Course, AIIMS, New Delhi, India. Oct 15-16, 2022.
61. Latin American Forum (LAF) Meeting, Hosted by DePuy Synthes, Boston, MA, Oct 20, 2022.
62. “Trendsetters in Total Joints: Outpatient TJA at Yale” **Rubin LE**, Li J. AORN Webinar. Feb 16, 2023, 8-9 pm EST, Online, 198 Attendees
63. “Breakout Session Group: Hip and Knee 2” **Rubin LE.** Session Moderator for the 2023 Medical Student Orthopedic Society (MSOS) Annual Symposium. April 23rd, 2023
64. “Releases around the proximal femur & Femoral Preparation” North Zone Orthopedic Association Annual Conference (NZOACON) via Zoom from All-India Institute of Medical Sciences, New Delhi, India, May 12-14, 2023.
65. “How to keep out of trouble when performing DAA” North Zone Orthopedic Association Annual Conference (NZOACON) via Zoom from All-India Institute of Medical Sciences, New Delhi, India, May 12-14, 2023.
66. “Preparing the Acetabulum: Cup Positioning using Imageless Navigation” International Master’s Anterior Course (iMACx), Houston, Texas, September 28-30, 2023
67. “Bioskills Workshop, Cadaver Table Leader” International Master’s Anterior Course (iMACx), Houston, Texas, September 28-30, 2023
68. “Session Moderator, Avoiding and Treating Complications” International Master’s Anterior Course (iMACx), Houston, Texas, September 28-30, 2023
69. “Memorial Speaker honoring the life and Career of Kristaps J. Keggi, MD.” International Master’s Anterior Course (iMACx), Houston, Texas, September 28-30, 2023
70. “Panel Discussion, Complex DAA Total Hip Arthroplasty Cases” International Master’s Anterior Course (iMACx), Houston, Texas, September 28-30, 2023
71. “An Update on Outpatient Total Joint Arthroplasty in the United States” Italian Society of Orthopedics & Traumatology (SIOT) Annual Meeting, Rome, Italy, November 9-11, 2023

72. “Adult Reconstruction Case Conference” **Rubin LE**. Visiting Professor, Lahey Clinic. Dec 13, 2023
73. “Modern Data & The Direct Anterior Approach to Hip Reconstruction,” Lahey Clinic Grand Rounds, Burlington, Massachusetts, December 13, 2023.
74. Moskal JT, Shirley M, Manson TT, **Rubin LE**, Gililand J. ICL 441: Extensile Expansions of the Direct Anterior Approach for Hip Replacement: Complex Primary Total Hip Arthroplasties, Revisions, Conversions, and Peri-Prosthetic Fractures. February 15, 2024, 1:30-3:30pm. AAOS 2024, San Francisco, CA.
75. Grand Rounds: “Modern Data and the Direct Anterior Approach to Hip Reconstruction.” Maine Medical Center, Portland, Maine June 13, 2024.
76. Maine Orthopedic Review Course, Step I: Review of Primary and Revision THA, June 19, 2024
77. Maine Orthopedic Review Course, Step II: Case Reviews (32 applicant clinical cases reviewed) Program Co-Director, Northeast Arthroplasty Conference, Warren Alpert Medical School of Brown University, Providence, RI, March 24, 2024
78. “Modern Data and The Direct Anterior Approach to THA 2024,” New England Orthopedic Society Spring Meeting, May 31 to June 2, 2024, Woodstock, VT
79. Why we still need Inpatient Arthroplasty in 2024, International Masters Anterior Course (iMACx 2024), Houston, Texas, September 12-14, 2024
80. Acetabular Exposure: How I Do It, International Masters Anterior Course (iMACx 2024), Houston, Texas, September 12-14, 2024
81. Faculty Panelist, “Managing Difficult Cases” Symposium hosted by Dr. Daniel Berry. International Masters Anterior Course (iMACx 2024), Houston, Texas, September 12-14, 2024
82. Anterior Hip Hemiarthroplasty in 2024: Technique and Outcomes, International Masters Anterior Course (iMACx 2024), Houston, Texas, September 12-14, 2024
83. Basic and Advanced Cadaver Lab Session Table Faculty , International Masters Anterior Course (iMACx 2024), Houston, Texas, September 12-14, 2024
84. Moderator, “Avoiding and Treating Complications” Symposium, International Masters Anterior Course (iMACx 2024), Houston, Texas, September 12-14, 2024
85. Faculty’s Most Challenging Cases Round Table Session, International Masters Anterior Course (iMACx 2024), Houston, Texas, September 12-14, 2024
86. Inaugural Lecture: Making the Case: Modern Data and the DAA, European Hip Society, Update on Direct Anterior Approach for Total Hip Replacement, Barcelona, Spain, September 19-20, 2024.
87. Conversion of Post-Traumatic Hip OA to THA via DAA, European Hip Society, Update on Direct Anterior Approach for Total Hip Replacement, Barcelona, Spain, September 19-20, 2024.
88. Outpatient THA: The Yale Experience, European Hip Society, Update on Direct Anterior Approach for Total Hip Replacement, Barcelona, Spain, September 19-20, 2024.
89. Powered Shell Extraction vis DAA, European Hip Society, Update on Direct Anterior Approach for Total Hip Replacement, Barcelona, Spain, September 19-20, 2024.
90. Spichler AM, **Rubin LE**, Golden MG. Invitation to Infectious Diseases Journal Club Conference, to Discuss “Antibiotic Suppression Duration following DAIR for Prosthetic Joint Infections.” Hosted by Dr. Ana V. Salas Vargas MD, Division of Infectious Diseases, Houston Methodist Specialty Physicians Group, Houston, Texas. Scheduled for October 1, 2024 via MS Teams.
91. Invited Lecturer, “Modern Data and the Direct Anterior Approach to Hip Reconstruction,” Trichy Orthopedic Society Meeting, India, Thursday October 17, 2024, 10:30-11:30 am EST Via Zoom
92. Invited Lecturer, “Modern Data and the Direct Anterior Approach to Hip Reconstruction,” Inter-Urban Orthopedic Society Meeting, New Haven, CT, October 18, 2024
93. **Rubin LE** and Molloy IB. Symposium: “Prevention and Treatment of Prosthetic Joint Infection.” AORN Connect Meeting, New Haven, CT. October 25-26, 2024.

94. Grand Rounds: Modern Data and the Direct Anterior Approach to Hip Reconstruction. UMASS Medical Center, November 26-27, 2024
95. Grand Rounds: Modern Data and the Direct Anterior Approach to Hip Reconstruction. UMASS Medical Center, November 26-27, 2024
96. Invited to Grand Rounds: Modern Data and the Direct Anterior Approach to Hip Reconstruction. Baylor Medical Center, Spring 2025
97. Invited to European International Masters Anterior Hip Course, June 24-25, 2025, London, UK.

Regional & Local

1. "The Art of Communication: Always Room for Improvement." Student Speaker at the Forum on Ethical Issues, Massachusetts Medical Society (MMS) 2003 Annual Meeting
2. "Ankle Fractures" and "Odontoid Fractures." Orthopedic Grand Rounds, Waterbury Hospital, Waterbury, CT 2006
3. "IVC Filters: A Contemporary Update for Orthopedic Surgeons." Orthopedic Grand Rounds, Waterbury Hospital, Waterbury, CT 2007
4. "Musculoskeletal Examination of the Shoulder, Hip, and Knee." Annual Meeting of the Connecticut Association of Physician Assistants (CONN- APA), April 11, 2010, Mystic, CT. Yale University & Waterbury Hospital Medicine-Pediatrics Residency 2010
5. "Blood Utilization in Total Joint Replacement" The Miriam Hospital's Total Joint Center Surgeon Committee 2011
6. "Understanding Geriatric Fractures" Continuing Education Seminar for Radiology Technicians, Naugatuck Valley Community College, Waterbury, CT 2011
7. "Understanding Direct Anterior Hip Replacement" Physical Therapist Educational Seminar, Watertown, CT 2011
8. "Oh, My Aching Joints! Managing Hip and Knee Arthritis Pain: Innovative Treatment Options" 21 st Annual Miriam Women's Wellness Workshop, September 8, 2012
9. "Understanding Direct Anterior Hip Replacement" Grand Rounds for PT Staff at Both The Miriam Hospital and The Rhode Island Hospital 2012
10. "Multi-Modal and Neuraxial Anesthesia for Total Joint Replacement" Miriam Hospital Anesthesia Grand Rounds 2012
11. "Avascular Necrosis of the Hip" Brown Orthopedic Resident Education Conference 2012
12. Grand Rounds: "Management of the Young Patient with Hip Disease." Brown University, Departments of Rheumatology (January 15, 2013) and Orthopedic Surgery (March 6, 2013).
13. "Musculoskeletal Exam of the Hip and Knee." Delivered to the First Year Class at Warren Alpert School of Medicine at Brown University and to both The Miriam Hospital and Rhode Island Hospital's Internal Medicine Residencies. 2013
14. "Primary and Complex Total Knee Arthroplasty" Brown Orthopedic Resident Education Conference 2013
15. "Management of Femoral Neck Fractures" Brown Orthopedic Resident Education Conference 2013
16. "Avascular Necrosis of the Hip" Brown Orthopedic Resident Education Conference 2013
17. "Management of the Young Patient with Hip Disease" 13 th Annual Lifespan Rehabilitation Conference, Crowne Plaza Hotel, Warwick, RI. 2014
18. "Management of the Young Patient with Hip Arthritis" "Current Topics in Orthopedics," March 6-8, 2015, Sugarloaf, ME.
19. "The Emerging Role of Tranexamic Acid (TXA) in Total Joint Arthroplasty" "Current Topics in Orthopedics," March 6-8, 2015, Sugarloaf, ME.

20. “Beyond the Basics: The Role of the DAA for Revision THA” “Current Topics in Orthopedics,” March 6-8, 2015, Sugarloaf, ME.
21. Grand Rounds: “DVT Prophylaxis After TJA: The Orthopedic Perspective” Brown University, Department of Geriatric Medicine, Providence, RI (Oct 29, 2015)
22. “Total Hip Arthroplasty and the Direct Anterior Approach” Annual Brown University Orthopedics Symposium: Current topics in Adult Hip and Knee Orthopedics for the Primary Care Provider, November 21, 2015, Providence, RI.
23. “DVT Prophylaxis After TJA: The Orthopedic Perspective” Annual Brown University Orthopedics Symposium: Current Topics in Adult Hip and KneE Orthopedics for the Primary Care Provider, November 21, 2015, Providence, RI.
24. Panel Discussion: “Current Topics in Hip and Knee Replacement” Annual Brown University Orthopedics Symposium: Current topics in Adult Hip and KneE Orthopedics for the Primary Care Provider, November 21, 2015, Providence, RI.
25. Grand Rounds: “Beyond Primary THA: Using the DAA for Advanced Hip Reconstruction” Dartmouth-Hitchcock Medical Center, Dartmouth Medical School, Hanover, NH (Feb 26, 2016)
26. Grand Rounds: “Beyond Primary THA: Using the DAA for Advanced Hip Reconstruction” Robert Wood Johnson Medical Center, Rutgers University, New Brunswick, NJ (April 21, 2016)
27. “Hip and Knee Joint Replacement: Taking the First Step.” April 13, 2018, YMCA, Westbrook, CT.
28. Adrados M, **Rubin LE**, Keggi KJ. 30 Year Outcome of Ceramic on Ceramic Total Hip Arthroplasty. “Orthopedic Resident Papers” Presentation at the Connecticut Orthopedic Society Meeting, May 11, 2018, Farmington, CT.
29. “The Direct Anterior Approach to Hip Reconstruction.” Physical Therapy and Sports Medicine Centers (PTSMC) Staff Educational Lecture, November 17, 2018, Guilford, CT.
30. Radford Z, Ani L, **Rubin LE**. Managing Native Hip Protrusio: Novel Classification and Management Recommendations. Connecticut State Orthopedic Society Annual Meeting, Aqua Turf Club, Plantsville, CT, May 12, 2023

Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated with Yale

Scientific Posters (International & National):

1. McTighe T, Turnbull A, Keggi JM, Keggi KJ, Kennon RE, Stulberg SD, **Rubin LE**, Keppler L, Woodgate I, Harrison J, Van Der Rijt A, Brazil D. “Neck Sparing Total Hip Arthroplasty – Lessons Learned.” Poster Presentation at the International Osteoporosis Foundation World Congress on Osteoporosis Meeting, May 5-8, 2010, Florence, Italy.
2. Ritterman SA, Feltman PR, Tuttle JR, **Rubin LE**, Froehlich JA, Ehrlich MG. “Glycosaminoglycan release from cartilage exposed to tranexamic acid.” Poster 1262, 2014 Orthopaedic Research Society Meeting, New Orleans, LA.
3. Tuttle JR, **Rubin LE**. “Subgroup Analysis of TXA in Total Knee Arthroplasty.” Poster 116, AAOS Annual Meeting 2015, Las Vegas, NV.
4. Etter K, Sedrakyan A, **Rubin LE**, Resnik L, Wilson I, Dore DD. “Effect of Bearing Surface Material on Surgical Revision Rates in Total Hip Arthroplasty: A Propensity Score Matched Cohort.” 31st *International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE)*, August 22-26, 2015, Boston, MA.
5. Etter K, Sedrakyan A, **Rubin LE**, Resnik L, Wilson I, Dore DD. “Effect of Femoral Head Size in Non-Metal-on-Metal Devices on Surgical Revision Rates in Total Hip Arthroplasty: A Propensity Score Matched

- Cohort.” 31st *International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE)*, August 22-26, 2015, Boston, MA.
6. Etter K, Sedrakyan A, **Rubin LE**, Resnik L, Wilson I, Dore DD. “Effect of femoral head size on the rate of revision surgeries among metal-on-metal total hip Arthroplasty: A propensity score matched cohort study.” 31st *International Conference on Pharmacoepidemiology & Therapeutic Risk Management (ICPE)*, August 22-26, 2015, Boston, MA.
 7. Rohan AC, **Rubin LE**, Biercevicz AM, Evangelista PT, Badger GJ, Fleming BC. “Assessing ligament degeneration using an alternate histopathological method.” Poster #0657, Orthopaedic Research Society (ORS) 2016 Annual Meeting, Orlando, FL, March 5-8, 2016.
 8. Cohen EM, Ritterman S, Tuttle J, Eisenson D, **Rubin LE**. “Heterotopic Ossification after Direct Anterior Approach Total Hip Arthroplasty.” 2016 ICJR Trans-Atlantic Orthopaedic Congress, New York, NY, Oct 6-9, 2016.
 9. Cohen EM, Ritterman S, Vaughn J, Eisenson D, **Rubin LE**. “Intra-Operative Femur Fracture Risk during Primary Direct Anterior Approach Cementless Total Hip Arthroplasty with and without a Fracture Table” 2016 ICJR Trans-Atlantic Orthopaedic Congress, New York, NY, Oct 6-9, 2016.
 10. Cohen EM, Ritterman S, Vaughn J, Eisenson D, **Rubin LE**. Intra-Operative Femur Fracture Risk During Primary Direct Anterior Approach Cementless Total Hip Arthroplasty with and without a Fracture Table. British Hip Society Meeting, 2017 March 1-3; London, United Kingdom. (Poster #20)
 11. Cohen EM, Ritterman S, Vaughn J, Eisenson D, **Rubin LE**. Heterotopic Ossification after Direct Anterior Total Hip Arthroplasty. British Hip Society Meeting, 2017 March 1-3; London, United Kingdom. (Poster #22)
 12. Cohen EM, Ritterman S, Vaughn J, Eisenson D, Antoci V, **Rubin LE**. “Intraoperative Femur Fracture Risk During Primary Direct Anterior Cementless Total Hip Arthroplasty with and without a Fracture Table.” ORS 2017 Annual Meeting, March 19-22, 2017, San Diego, CA. (Poster #2003).
 13. Kleiner JE, Eltorai A, **Rubin LE**, Daniels AH. “Matched Cohort Analysis of Total Knee Arthroplasty in Patients with and without Parkinson’s Disease: Complications, Mortality, Length of Stay, and Hospital Charges.” ORS 2017 Annual Meeting, March 19-22, 2017, San Diego, CA. (Poster #179)
 14. Ottesen TD, McLynn RP, Zogg CK, Shultz BS, Ondeck NT, Bovonratwet P, Bellamkonda KS, **Rubin LE**, Grauer JN. *Dialysis is an independent risk factor for perioperative adverse events, readmission, and mortality for patients undergoing elective spine surgery.* Student Research Day, Yale University; 2017 May 2; New Haven, CT (Poster 68).
 15. Ottesen TD, McLynn RP, Zogg CK, Shultz BS, Ondeck NT, Bovonratwet P, Bellamkonda KS, **Rubin LE**, Grauer JN. *Dialysis is an independent risk factor for perioperative adverse events, readmission, and mortality for patients undergoing elective spine surgery.* American College of Surgeons Quality and Safety Conference: 2017 July 21-24; New York, NY.
 16. Ibe IK, Chang D, Harmon E, Dai F, **Rubin LE**, Li J. “Single-Shot Femoral Nerve Blocks for Reducing Preoperative Pain in Hip Fractures: A Retrospective Cohort Study.” Poster 983, AAOS March 6-10, 2018, New Orleans, LA.
 17. Kleiner JE, Eltorai AE, **Rubin LE**, Daniels AH. “Matched cohort analysis of Total Knee Arthroplasty in patients with and without Parkinson’s disease: Complications, Mortality, Length of Stay, and Hospital Charges.” Poster 632, AAOS March 6-10, 2018, New Orleans, LA.
 18. Ottesen T, McLynn R, Zogg C, Shulz BN, Ondeck NT, Bovonratwet P, Bellamkonda KS, **Rubin LE**, Grauer JN. “Dialysis is an independent risk factor for perioperative adverse events, readmission, and mortality for patients undergoing elective spine surgery.” Poster 351, AAOS March 6-10, 2018, New Orleans, LA.
 19. Zogg C, Ottesen T, Mirza F, Cheraghlou S, **Rubin LE**, Grauer JN, Dimick JB. “No difference in payment penalties: Variations in hospital level factors do not differently affect medicare quality metrics following elective hip and knee arthroplasty.” Poster 181, AAOS March 6-10, 2018, New Orleans, LA.
 20. Perese F, Carlyle D, **Rubin LE**, Li J. Perioperative pain management emphasizing peripheral nerve blockade in a homozygous sickle cell disease patient undergoing total hip arthroplasty. World Congress on Regional Anesthesia & Pain Medicine and ASRA annual meeting April 19-21, 2018, New York City, NY.
 21. Perese F, Carlyle D, **Rubin LE**, Li J. Perioperative pain management emphasizing peripheral nerve blockade in a homozygous sickle cell disease patient undergoing total hip arthroplasty. International Anesthesia Research Society. Abstract 1022, April 28-May 1, Chicago, IL.

22. Tyagi V, Moore A, Spadaccino B, **Rubin LE**, O'Connor MI. Implementation of a Bundle Protocol to Reduce Surgical Site Infection for Hip Fracture Patients at YNH Center for Musculoskeletal Care. Poster 43 at the 2018 Yale-New Haven Hospital Safety, Quality, and Experience Conference. May 2018, Wallingford, CT.
23. Moore A, Tarutis J, Martucci J, Messina T, Perrault R, Sembler R, Zazulak B, **Rubin LE**, O'Connor MI. Center for Musculoskeletal Care (CMC) Use of Tele-Rehabilitation for Total Joint Arthroplasty: Quality Outcomes and Satisfaction. Poster 11 at the 2018 Yale-New Haven Hospital Safety, Quality, and Experience Conference. May 2018, Wallingford, CT.
24. Tarutis J, Messina T, Moore A, **Rubin LE**, O'Connor MI. Center for Musculoskeletal Care Skilled Nursing Facility Quality of Care & Reduction in Length of Stay for Hip Fracture Patients. Poster 4 at the 2018 Yale-New Haven Hospital Safety, Quality, and Experience Conference. May 2018, Wallingford, CT.
25. Kebaish KJ, Galivanche AR, Ottesen TD, Varthi AG, **Rubin LE**, Grauer JN. Chronic Steroid and Immunosuppressant Use as a Predictor for Post-Operative Complications when Undergoing Posterior Lumbar Spine Surgery. *ACS Quality and Safety Conference*, 2018 July 21-24; Orlando, FL. (Poster Presentation)
26. Ottesen TD, Yurter A, Shultz BS, Galivanche AR, Zogg CK, Bovonratwet P, **Rubin LE**, Grauer JN. *Dialysis Increases Odds of Perioperative Adverse Events Following Geriatric Hip Fracture Surgery Beyond Demographic and Comorbid Characteristics*. American College of Surgeons Quality and Safety Conference, 2018 July 21-24; Orlando, FL (Poster).
27. Ottesen TD, McLynn RP, Galivanche AR, Bagi PS, Zogg CK, **Rubin LE**, Grauer JN. "Increased 30-day Complications in Geriatric Hip Fracture Patients with Post-Operative Weight Bearing Restrictions: An Analysis of 4,918 Patients." Poster 204, AAHKS, November 2-4, 2018, Dallas, TX.
28. Ottesen TD, Yurter A, Shultz B, Galivanche AR, Zogg CK, Bovonratwet P, **Rubin LE**, Grauer JN. "Dialysis-dependence is Associated with Significantly Greater Odds of Perioperative Adverse Events After Geriatric Hip Fracture Surgery Even After Controlling for Demographics Factors and Comorbidities." Poster 203, AAHKS, November 2-4, 2018, Dallas, TX.
29. Ottesen TD, Zogg CK, Haynes MS, McLynn RP, Bovonratwet P, Ondeck NT, Shultz BS, **Rubin LE**, Grauer JN. Dialysis is an independent risk factor for perioperative adverse events, readmission, and mortality for patients undergoing hip fracture surgery. American Orthopaedic Association, Boston, June 2018 (Electronic Poster).
30. Kleiner JE, Eltorai A, **Rubin LE**, Daniels AH. "Matched Cohort Analysis of Total Hip Arthroplasty in Patients with and without Parkinson's Disease: Complications, Mortality, Length of Stay, and Hospital Charges." Poster 38, AAHKS, November 2-4, 2018, Dallas, TX. (**BEST POSTER AWARD: PRIMARY TOTAL HIP ARTHROPLASTY**)
31. O'Connor MI, **Rubin LE**, Moore A, Martucci J, Messina T, Perrault R, Sembler R, Tarutis J, Zazulak B. "Tele-Rehabilitation for the Total Hip and Knee Arthroplasty Patients: No Increase in Readmissions." Poster 91, AAHKS, November 2-4, 2018, Dallas, TX.
32. Spadaccino B, Moore A, Tyagi V, Kahan J, **Rubin LE**, Morris J, O'Connor MI. Surgical Site Infection Prevention Bundle for Hip Fracture Patients at Yale Center for Musculoskeletal Care. Poster Presentation at the 39th Annual National Association of Orthopaedic Nurses (NAON) Annual Congress, Atlanta, GA, May 18-21, 2019.
33. Tyagi V, Kahan J, **Rubin LE**, Moore A, Morris J, O'Connor MI. Surgical Site Infection Prevention Bundle for Hip Fracture Patients at Yale Center for Musculoskeletal Care. Poster 494, AAOS March 2019, Las Vegas, NV.
34. Babu J, Cohen E, Tuttle J, Eisenson D, **Rubin LE**. Heterotopic Ossification after Direct Anterior Approach Total Hip Arthroplasty. Poster 30, AAOS March 2019, Las Vegas, NV.
35. Tyagi V, Kahan J, Huang P, Leslie M, **Rubin LE**, Gibson DH. Negative pressure incisional therapy and postoperative infection after direct anterior approach total hip arthroplasty. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
36. Ottesen T, Mercier M, Grauer JN, **Rubin LE**. Is there value in subspecialty training? Comparison of differences in outcomes between non-fellowship and fellowship trained orthopaedic surgeons among ABOS candidates. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.

37. Tyagi V, Kahan J, Moore A, **Rubin LE**, O'Connor MI. Surgical site infection prevention bundle for hip fracture patients at Yale Center for Musculoskeletal Care. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
38. Mercier M, Adrados M, Mets E, Malpani R, Galivanche A, Pathak N, **Rubin LE**, Grauer JN. Neither revision total hip nor total knee arthroplasty are associated with lower HCAHPS patient satisfaction scores compared with primary arthroplasty. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
39. Mercier M, Adrados M, Malpani R, Galivanche A, Hilibrand A, Ottesen T, **Rubin LE**, Grauer JN. Patient factors and perioperative outcomes significantly affect HCAHPS survey response rates in primary total hip arthroplasty patients. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
40. Ottesen T, Hsiang W, Malpani R, Varthi A, **Rubin LE**, Grauer JN. Underweight patients are the highest risk body mass index group for perioperative adverse events following total shoulder arthroplasty. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA. (**TOP POSTER AWARD**)
41. Mets E, Mercier M, Hilibrand A, Scott M, **Rubin LE**, Varthi A, Rubin LE, Grauer JN. Spine surgery patient related factors and outcomes predict HCAHPS self-reported overall hospital rating. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
42. Galivanche A, Kebaish K, Adrados A, Ottesen T, Varthi A, **Rubin LE**, Grauer JN. Postoperative pressure ulcers after geriatric hip fracture surgery are predicted by defined preoperative comorbidities and postoperative complications. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
43. Mets E, Mercier M, Hilibrand A, Scott M, **Rubin LE**, Grauer JN. Predictors of top-box hospital rating among patients undergoing elective primary total knee arthroplasty. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
44. Malpani R, McLynn R, Bovonratwet P, Bagi P, Yurter A, **Rubin LE**, Grauer JN. Association between coagulopathies and post-operative adverse events and readmissions following total hip and knee arthroplasty. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
45. Haynes M, Alder K, Toombs C, **Rubin LE**, Grauer JN. The effects of preoperative dementia and postoperative delirium on 30 Day postoperative mortality in geriatric hip fracture patients. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
46. Mercier M, Mets E, Hilibrand A, Scott M, **Rubin LE**, Grauer JN. Predictors of Top-Box hospital rating among patients undergoing elective total hip arthroplasty. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
47. Galivanche A, Mercier M, Adrados A, McLynn R, Anandsivam N, Varthi A, **Rubin LE**, Grauer JN. Admission Narcotics Scores are not associated with adverse surgical outcomes or self-reported patient satisfaction following elective spine surgery. E-Poster at AOA Leadership Meetings, June 25-29, 2019, San Diego, CA.
48. Pathak N, Tyagi V, Petit LM, Malpani R, Hilibrand AS, Varthi AG, **Rubin LE**, Grauer JN. Industry Payments in Orthopaedic Surgery: A 4-Year Analysis of the Open Payments Database. Poster Presentation at the 2020 Annual Meeting of the Mid-America Orthopaedic Association; Bonita Springs, FL; April 22-26, 2020.
49. Pathak N, Kahan JB, Grauer JN, **Rubin LE**. PubMed and Google Trends Analysis of Popular Alternative Treatments to Hip and Knee Osteoarthritis. E-Poster at AOA Leadership Meetings, June 2020, Baltimore, MD. (Virtual Meeting due to COVID-19).
50. Dlott CC, Moore A, Nelson C, Stone S, Xu Y, Morris JC, Gibson DH, **Rubin LE**, O'Connor MI. Preoperative risk factor optimization lowers hospital length of stay and postoperative emergency department visits in primary total hip and knee arthroplasty patients. E-Poster at AOA Leadership Meetings, June 2020, Baltimore, MD. (Virtual Meeting due to COVID-19).
51. Pathak N, Tyagi V, Petit LS, Malpani R, Varthi AG, **Rubin LE**, Grauer JN. Industry Payments in Orthopaedic Surgery: A 4-Year Analysis of the Open Payments Database. E-Poster at AOA Leadership Meetings, June 2020, Baltimore, MD. (Virtual Meeting due to COVID-19).
52. Pathak N, Lukasiewicz AM, Adrados M, Tyagi V, **Rubin LE**, Grauer JN. Investigating Trends in Industry Compensation to Orthopaedic Adult Reconstructive Surgeons: An Analysis of 60,266 Industry Payments. E-Poster at AOA Leadership Meetings, June 2020, Baltimore, MD. (Virtual Meeting due to COVID-19).
53. Burroughs P, Frumberg D, Moore HG, Pathak N, Grauer JN, **Rubin LE**. Total Hip Arthroplasty in patients with classic hemophilia: A matched comparison of 90-Day outcomes and patient survival at 5 years.

- Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
54. Kirwin D, Lukaszewicz A, Mercier M, Ottesen T, Pathak N, Grauer JN, **Rubin LE**. Is there value in subspecialty training? Comparison of differences in outcomes between fellowship trained orthopaedic foot and ankle surgeons and all other orthopaedic surgeons using the ABOS database. Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
 55. Amick M, Brand J, Mercier M, Ottesen T, **Rubin LE**. The case for Improved Outcomes due to surgical volume and Fellowship Status in the treatment of Geriatric Hip Fracture: An Analysis of the ABOS Database. Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
 56. Gardezi M, Grauer JN, Ottesen T, Tyagi V, **Rubin LE**. Arthroplasty Implants and Materials: Cost Awareness and Value Perception. Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
 57. Flores MJ, Kahan JB, Burroughs PJ, Moore HG, **Rubin LE**, Grauer JN. Opioid Prescription patterns by Physician Specialty in Patients Undergoing Total Hip Arthroplasty. Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
 58. Gardezi M, Moore HG, **Rubin LE**, Grauer JN. Predictors of Physical Abuse in Elder Patients with Fracture. Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
 59. Galivanche AR, Mercier MR, Brand JP, Varthi AG, **Rubin LE**, Grauer JN. COVID-19 Positive Ankle Fracture Patients are at Increased Risk of Perioperative Surgical Complications Following Open Reduction Internal Fixation Surgery. Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
 60. Mercier MR, Galivanche AR, Schneble CA, Varthi AG, **Rubin LE**, Grauer JN. Clinical Characteristics and Postoperative Complication Profiles of COVID-19-Positive Patients Undergoing Hip Fracture Surgery. Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
 61. Mercier MR, Galivanche AR, Kebaish KJ, Malpani R, Pathak N, **Rubin LE**, Grauer JN. Total Knee Arthroplasty Patient HCAHPS Patient Satisfaction Survey Results Inversely Correlate with Survey Response Time. Accepted for e-Poster Presentation at the 134th Annual Meeting of the American Orthopaedic Association; 2021 June 08-12; Albuquerque, NM.
 62. Galivance AR, Zhu J, Mercier MR, Wilhelm CV, Varthi AG, Grauer JN, **Rubin LE**. "Admission NarxCare Scores Are Associated with Increased Odds of Readmission after Knee Arthroplasty" Abstract A21552, E-Poster Presentation at AAHKS 2021, November 11-14, 2021, Dallas, TX.
 63. Mercier MR, Galivanche AR, Pathak N, Mets EJ, Grauer JN, **Rubin LE**. "Revision THA and TKA are Associated with Lower HCAHPS Scores Compared to Primary Arthroplasty" Abstract A21555, E-Poster Presentation at AAHKS 2021, November 11-14, 2021, Dallas, TX.
 64. Gillinov, SM, Burroughs, PJ, Moore, HG, **Rubin, LE**, Frumberg, DB, Grauer, JN. "Total hip arthroplasty in patients with classic hemophilia: a matched comparison of 90-day outcomes and five-year implant survival." Orthopaedic Research Society 2022 Annual Meeting.
 65. Moore HG, Schneble C, Kahan JB, Frumberg DB, Donohue KW, **Rubin LE**, Grauer JN. Patients with cerebral palsy undergoing total shoulder arthroplasty experience greater odds of complications and worse implant survival at five years. American Orthopaedic Association, Providence, June 2022 (Electronic poster).
 66. Moore HG, Schneble C, Kahan JB, Grauer JN, **Rubin LE**. What Factors Affect Whether Patients Return to the same Surgeon to Replace the Contralateral Joint?: A Study of Over 200,000 Patients. American Orthopaedic Association, Providence, June 2022 (Electronic poster). **Selected as "Top 15" Poster at Conference.**
 67. Pathak N, Bernstein JB, Bovonratwet P, Golden M, Purtill J, Grauer JN, **Rubin LE**. Incidence, Risk Factors, and Subsequent Complications of Postoperative Hematomas Requiring Reoperation after Primary Total Hip Arthroplasty. American Orthopaedic Association, Providence, June 2022 (Electronic poster).

68. Kebaish KJ, Galivanche AR, Mercier MR, Varthi AG, **Rubin LE**, Grauer JN. Is there utility to requiring spine MRI preauthorizations? A single institution's perspective. Accepted for Poster Presentation at the 2022 American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting; 2022 March 22–26; Chicago, IL.
69. Galivanche AR, Mercier MR, Schneble CA, Brand J, Pathak N, Varthi AG, **Rubin LE**, Grauer JN. Clinical Characteristics and Perioperative Complication Profiles of COVID-19 Positive Patients Undergoing Hip Fracture Surgery. Accepted for Poster Presentation at the 2022 American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting; 2022 March 22–26; Chicago, IL.
70. Jayaram RH, Gillinov SM, Caruana DL, Kammien A, Joo P, **Rubin LE**, Grauer JN. Clinical Outcomes in Navigated vs. Non-Navigated Total Hip Arthroplasty: A National Database Study. Poster 239 at the American Association of Hip and Knee Surgeons 2022 Annual Meeting, Dallas, TX.
71. Maloy GC, Kammien A, **Rubin LE**, Grauer JN. Adverse Events After Total Hip Arthroplasty Are Not Sufficiently Characterized by 30 Day Follow-Up. Poster 213 at the American Association of Hip and Knee Surgeons 2022 Annual Meeting, Dallas, TX.
72. Gillinov SM, Burroughs PJ, Moore HG, **Rubin LE**, Frumberg DB, Grauer JN. Total Knee Arthroplasty In Patients With Classic Hemophilia: A Matched Comparison Of 90-day Outcomes And Five-year Implant Survival. Orthopaedic Research Society 2023 Annual Meeting. February 10-14, Dallas, TX. POSTER SESSION #: PS1-039 POSTER CATEGORY: Hip and Knee Arthroplasty - Clinical Outcomes POSTER #: 797
73. Rudisill KE, Ratnasamy PP, Joo PY, **Rubin LE**, Grauer JN. A substantial number of total knee arthroplasty (TKA) patients undergo magnetic resonance imaging (MRI) in the year prior to surgery- a potential overutilization of healthcare resources. Orthopaedic Research Society 2023 Annual Meeting. February 10-14, 2023. Dallas, TX. POSTER SESSION #: PS2-127. POSTER CATEGORY: Imaging - Image Analyses. POSTER #: 1699.
74. Dhodapkar MM, Gouzoulis MJ, Halperin SJ, **Rubin LE**, Grauer JN. Emergency Department and Urgent Care Visits within 90 days Following Primary Total Hip Arthroplasty. Orthopaedic Research Society 2023 Annual Meeting. February 10-14, Dallas, TX. PS1-039 POSTER CATEGORY: Hip and Knee Arthroplasty - Clinical Outcomes POSTER #: 786.
75. Ratnasamy PP, Halperin SJ, Dodapkar M, Kammien AJ, **Rubin LE**, Grauer JN. Over 11% of Patellofemoral Arthroplasty Patients Visit the Emergency Department Within 90 Days of Surgery. Orthopaedic Research Society 2023 Annual Meeting. February 10-14, 2023. Dallas, TX. POSTER SESSION #: PS2-139. POSTER CATEGORY: Knee - Surgical and Non-Surgical Interventions. POSTER #: 1802.
76. Freedman IG, Mercier M, Galivanche A, Hocevar M, Moore GH, Grauer JN, **Rubin LE**, Sandhu M, Li J. From epidural to block: Continuous adductor canal block optimizes patient discharge disposition, reduces hospital length of stay, and reduces opioid consumption following total knee arthroplasty compared to epidural anesthesia. AUA Poster Session A, AUA 2023 Annual Meeting, April 13-14, 2023, Denver, CO.
77. Freedman IG, Mercier M, Galivanche A, Hocevar M, Moore GH, Grauer JN, **Rubin LE**, Sandhu M, Li J. From epidural to block: Continuous adductor canal block optimizes patient discharge disposition, reduces hospital length of stay, and reduces opioid consumption following total knee arthroplasty compared to epidural anesthesia. IARS Poster Session J, IARS 2023 Annual Meeting, April 14-16, 2023, Denver, CO.
78. Dhodapkar, MM, Halperin SJ, Radford ZJ, **Rubin LE**, Grauer JN, Li M. Cefazolin Alone versus Cefazolin with Tobramycin or Gentamicin as Intraoperative Antibiotic Prophylaxis for Total Joint Arthroplasty. Poster at the 2023 Musculoskeletal Infection Society, August 4-6, 2023, Salt Lake City, UT.
79. Golden M, O'Bryan J, Ani L, Davis M, **Rubin LE**, Spichler-Moffarah A. Clinical Success with Antibiotic Suppression Therapy in Patients with Prosthetic Joint Infection and Retained Hardware. Poster at the 2023 Musculoskeletal Infection Society, August 4-6, 2023, Salt Lake City, UT.
80. Golden M, O'Bryan J, Ani L, Davis M, **Rubin LE**, Spichler-Moffarah A. Abstract 122: "Outcome of *Staphylococcus aureus* Prosthetic Joint Infection Treated Without Fluoroquinolones." Poster Presentation at the European Bone and Joint Infection Society (EBJIS) 2023 Annual Meeting, 12-14 October 2023, Basel, Switzerland.
81. Golden M, O'Bryan J, Ani L, Davis M, **Rubin LE**, Spichler-Moffarah A. Abstract 221: "Role of Antibiotic Suppression Therapy in Prevention of Treatment Failure in Prosthetic Joint Infection With Retained Hardware."

- Poster Presentation at the European Bone and Joint Infection Society (EBJIS) 2023 Annual Meeting, 12-14 October 2023, Basel, Switzerland.
82. Sanchez JG, Dhodapkar MM, Halperin SJ, Grauer JN, **Rubin LE**. *THA Length of Stay Trends Following the Inpatient-Only List Removal*. Poster at the Eastern Orthopaedic Association Annual Meeting, October 25-28, 2023, Charleston, SC.
 83. Halperin SJ, Dhodapkar MM, Radford ZJ, Kaszuba SV, **Rubin LE**, Grauer JN. A21529: "Patients with cystic fibrosis undergoing total hip and total knee arthroplasty are at increased risk." Poster Presentation at the 2023 Annual Meeting of the American Association of Hip & Knee Surgeons (AAHKS), Dallas, TX, November 6-9, 2023.
 84. Day W, Jayaram RH, **Rubin LE**, Grauer JN. A10646: "Total Hip Arthroplasty in Patients with Marfan Syndrome: Adverse Events and 5-Year Revision Rates." Poster Presentation at the 2023 Annual Meeting of the American Association of Hip & Knee Surgeons (AAHKS), Dallas, TX, November 6-9, 2023.
 85. Dhodapkar MM, Halperin SJ, Radford ZJ, **Rubin LE**, Grauer JN, Li M. Cefazolin Alone Versus Cefazolin With Tobramycin Or Gentamicin as intraoperative Antibiotic Prophylaxis For Total Joint Arthroplasty. PS1-049, poster 967 at Orthopaedic Research Society (ORS) Annual Meeting. February 2-6, 2024. Long Beach, California.
 86. Sanchez JG, Jiang WM, Dhodapkar MM, Radford ZJ, **Rubin LE**, Grauer JN. Geriatric hip fracture patients with a COVID-19 diagnosis within one week of surgical stabilization are at greatest risk of perioperative adverse events. Orthopaedic Research Society (ORS) Annual Meeting. February 2-6, 2024. Long Beach, California.
 87. Jayaram RH, Kim L, Day W, **Rubin LE**, Grauer JN. Risk Factors for Perioperative Nerve Injury Related to Total Knee Arthroplasty. Orthopaedic Research Society (ORS) Annual Meeting. February 2-6, 2024. Long Beach, California.
 88. Jayaram RH, Day W, Gouzoulis MJ, Zhu JR, **Rubin LE**, Grauer JN. Risk Factors for Perioperative Nerve Injury Related to Total Hip Arthroplasty. Orthopaedic Research Society (ORS) Annual Meeting. February 2-6, 2024. Long Beach, California.
 89. Halperin SJ, Dhodapkar MM, Radford Z, **Rubin LE**, Grauer JN. Patients with cystic fibrosis undergoing total hip and total knee arthroplasty are at increased risk for perioperative complications. E-Poster e-055, American Academy of Orthopaedic Surgeons Annual Meeting. February 12-16, 2024. San Francisco, CA.
 90. O'Bryan J, Golden M, Spichler AM, **Rubin LE**. KLIC and CRIME-80 Scores are not Predictive of Treatment Outcome after Prosthetic Joint Infection with Retained Hardware. Poster Presentation at the Musculoskeletal Infection Society, August 2-3, 2024, Durham, NC
 91. Day W, Seddio AE, Gouzoulis MJ, Li M, Grauer JN, **Rubin LE**. Outpatient Total Hip Arthroplasty Is Safe in High BMI Patients. Poster Presentation, Clinical Orthopedic Society Annual Meeting 2024. September 4-7, 2024, Tampa, FL.
 92. Day W, Gouzoulis MJ, Seddio AE, **Rubin LE**, Grauer JN, Li M. High BMI Does Not Change the Proportion of Total Hip Arthroplasty Performed Outpatient Versus Inpatient. Poster Presentation, Clinical Orthopedic Society Annual Meeting 2024. September 4-7, 2024, Tampa, FL.
 93. Ratnasamy PP, Gouzoulis MJ, Kaszuba SV, Rudisill KE, Grauer JN, **Rubin LE**: Indications and Outcomes of Total Hip Arthroplasty in Patients 15-45. Poster Presentation, Clinical Orthopedic Society Annual Meeting 2024. September 4-7, 2024, Tampa, FL.
 94. Day W, Seddio AE, Gouzoulis MJ, Li M, Grauer JN, **Rubin LE**. Outpatient Total Hip Arthroplasty Is Safe in High BMI Patients: A National 13-Year Analysis. American Medical Association (AMA) Research Challenge; Semifinals. September to November 2024.
 95. Seddio AE, Vasudevan RS, Gouzoulis MJ, Molloy IB, Grauer JN, **Rubin LE**. Two-Months of Preoperative Semaglutide Use is Associated with Reduced Severe Adverse Events After Total Hip Arthroplasty. Poster Presentation, Association of Perioperative Nurses (AORN) Connecticut Annual Meeting, October 25-26, 2024, New Haven, CT.

Scientific Posters (Regional & Local)

1. **Rubin LE**, Stein PB, DiScala C, Grottkau BE. "Pediatric trauma caused by personal watercraft: A ten-year retrospective." Tufts University School of Medicine Student Research Day, Spring 2004.

2. **Rubin LE**, Telles CJ, Adeoye S, Keggi KJ. “Minimally Invasive Partial Denervation and Anterior Release of the Hip Joint Capsule: A Surgical Technique to Relieve Pain and Improve Hip Function.” Poster presentation at the 2009 Annual Meeting of the Eastern Orthopedic Association, Nassau, Bahamas.
3. Ottesen TD, McLynn RP, Zogg CK, Shultz BS, Ondeck NT, Bovonratwet P, Bellamkonda KS, **Rubin LE**, Grauer JN. Dialysis is an independent risk factor for perioperative adverse events, readmission, and mortality for patients undergoing elective spine surgery. Poster #68, Student Research Day, Yale University; May 2, 2017; New Haven, CT.
4. Nelson C, Stone D, O’Connor MI, **Rubin LE**, Gibson DH, Morris J, Moore A, Akande O, Haesche G. Pre-operative optimization of Total Joint Arthroplasty patients decreases readmissions and promotes patient engagement. Yale Medicine / Yale-New Haven Hospital 2019 Safety, Quality, and Experience Conference, June 5, 2019, Wallingford, CT. (Clinical Re-Design Abstract Award)
5. Berger GK, Milligan K, Holder EK, Schwab JM, **Rubin LE**. Referred Pain to the Knee: The Importance of a Thorough Lower Extremity Musculoskeletal Examination to Diagnose Hip Pathology. Presented at Medical College of Wisconsin 4th Annual Graduate Student Assembly Research Symposium. March 2020. (postponed due to COVID-19)
6. Guerra, M.; Kaszuba, S.; Funai R.; Cadorette, A.; Barrett, S.; Novella, L.; Moore, A.; Pearson, L.; Miller, L.; Ackerman, A.; Abdelghany, O.; Rubin, L. Electronic Personalized Opioid Evaluation and Tapering Protocol – ePOET. YNHHS Safety and Quality Conference, June 2, 2022, New Haven, CT, United States.
7. Moore A, **Rubin LE**, Nelson C, Stone D. Use of an Anemia Management Protocol Decreases the Need for Transfusions after Primary Total Joint Arthroplasty. YNHHS Safety and Quality Conference, June 2, 2022, New Haven, CT, United States.
8. Seddio AE, Hosseini H, Vasudevan RS, Gouzoulis MJ, **Rubin LE**, Grauer JN. Following total hip arthroplasty, patients with systemic sclerosis have worse 90-day outcomes independent of commonly utilized immunomodulatory therapy regimens. Poster Presentation at Northeast Arthroplasty Conference, Brown Medical School. Providence, RI, March 23, 2024.
9. Jayaram RH, Day W, Gouzoulis MJ, Zhu JR, Grauer JN, **Rubin LE**. Risk Factors for Perioperative Nerve Injury Related to Total Hip Arthroplasty. Poster Presentation at Northeast Arthroplasty Conference, Brown Medical School. Providence, RI, March 23, 2024.
10. Spichler AM, O’bryan J, **Rubin LE**, Golden M. Role and Outcome of Antibiotic Suppression for the Treatment of Prosthetic Joint Infection with Retained Hardware. Poster Presentation at Northeast Arthroplasty Conference, Brown Medical School. Providence, RI, March 23, 2024.
11. Gouzoulis MJ, Vasudevan RS, Kaszuba SV, Seddio AE, **Rubin LE**, Grauer JN, Li M. Femoral Neck Fractures: Incidence, Reasons, and Risk Factors for Conversion from Hemiarthroplasty to Total Hip Arthroplasty. Poster presentation at Northeast Arthroplasty Conference. Brown Medical School, Providence, Rhode Island, March 23, 2024.
12. Ansah-Twum JK, Seddio AE, Vasudevan RS, Gouzoulis MJ, **Rubin LE**, Grauer JN. Superior Postoperative Outcomes Following Total Knee Arthroplasty Are Associated with as Short as One-Month of Semaglutide Use for Patients with Type II Diabetes. Connecticut Orthopedic Society 2024 Annual Meeting, Plantsville, CT. May 3, 2024.
13. Jayaram RH, Day W, Gouzoulis MJ, Zhu JR, Grauer JN, **Rubin LE**. Risk Factors for Perioperative Nerve Injury Related to Total Hip Arthroplasty. Northeast Arthroplasty Conference, Brown Medical School, Providence, Rhode Island, May 24, 2024.
14. Jayaram RH, Kim L, Day W, **Rubin LE**, Grauer JN. Risk Factors for Perioperative Nerve Injury Related to Total Knee Arthroplasty. Northeast Arthroplasty Conference, Brown Medical School, Providence, Rhode Island, May 24, 2024.

15. Seddio AE, Hosseini H, Vasudevan RS, Gouzoulis MJ, **Rubin LE**, Grauer JN. Following total hip arthroplasty, patients with systemic sclerosis have worse 90-day outcomes independent of commonly utilized immunomodulatory therapy regimens. Northeast Arthroplasty Conference, Brown Medical School, Providence, Rhode Island, May 24, 2024.
16. Gouzoulis MJ, Vasudevan RS, Kaszuba SV, Seddio AE, **Rubin LE**, Grauer JN, Li M. Femoral Neck Fractures: Incidence, Reasons, and Risk Factors for Conversion from Hemiarthroplasty to Total Hip Arthroplasty. Northeast Arthroplasty Conference, Brown Medical School, Providence, Rhode Island, May 24, 2024.
17. Moffarah AS, O'Bryan J, **Rubin LE**, Golden M. Role and Outcome of Antibiotic Suppression for the Treatment of Prosthetic Joint Infection with Retained Hardware. Northeast Arthroplasty Conference, Brown Medical School, Providence, Rhode Island, May 24, 2024.
18. Gouzoulis MJ, Seddio AE, Kaszuba SV, **Rubin LE**, Grauer JN, Li M. Where are patients being discharged following revision hip and knee arthroplasty? A national registry study. Northeast Arthroplasty Conference, Brown Medical School, Providence, Rhode Island, May 24, 2024.
19. Seddio AE, Vasudevan RS, Gouzoulis MJ, Molloy IB, Grauer JN, **Rubin LE**. Two-Months of Preoperative Semaglutide Use is Associated with Reduced Severe Adverse Events After Total Hip Arthroplasty. Poster Presentation, Association of Perioperative Nurses (AORN) Connecticut Annual Meeting, October 25-26, 2024, New Haven, CT.

Scientific Podium Presentations (International & National)

1. **Rubin LE**, Galante NJ, Smith BG, Deluca PA. "Direct Intraosseous Pressure Monitoring of the Femoral Head During Surgical Dislocation and Osteotomy for Slipped Capital Femoral Epiphysis." Podium presentation at the 2008 Annual Meeting of the American Academy of Pediatrics, Section of Orthopedic Surgery, Boston, MA.
2. Aschoff HH, Kennon RE, Keggi JM, **Rubin LE**. "Surgical management of trans-femoral amputations with a transcuteaneous, press-fit distal femoral intra-medullary device: Analysis with minimum 2 year followup." Podium Presentation at the 12th Combined Meeting of the Orthopedic Associations, September 12-17, 2010, Glasgow, Scotland.
3. "Intra-Operative Femur Fracture Risk during Primary Direct Anterior Approach Cementless Total Hip Arthroplasty with and without a Fracture Table" Cohen EM, Ritterman S, Vaughn J, Eisensohn D, **Rubin LE**. 2016 ICJR Trans-Atlantic Orthopedic Congress, New York, NY, Oct 7, 2016, 6pm. ("Top 8" Oral Presentation)
4. **Rubin LE**, Cohen EM, Vaughn JJ, Eisensohn DL. "Intra-Operative Femur Fracture Risk During Primary DAA Cementless THA." Anterior Hip Foundation Meeting, Las Vegas, NV, June 23, 2017.
5. Kleiner JE, Eltorai A, **Rubin LE**, Daniels AH. "Matched Cohort Analysis of Total Knee Arthroplasty in Patients with and without Parkinson's Disease: Complications, Mortality, Length of Stay, and Hospital Charges." ORS 2017, San Diego, CA. (Podium Session 25)
6. Ottesen TD, McLynn RP, Zogg CK, Shultz BS, Ondeck NT, Bovonratwet P, Bellamkonda KS, **Rubin LE**, Grauer JN. "Dialysis is an independent risk factor for perioperative adverse events, readmission, and mortality for patients undergoing elective spine surgery." American College of Surgeons Quality and Safety Conference: 2017 July 21-24; New York, NY.
7. Bovonratwet P, Malpani R, Ottesen T, Tyagi V, **Rubin LE**, Grauer JN. "Revision Total Hip Arthroplasty in the Elderly: Quantifying the Risks for Patients over 80 Years old." Paper 542, AAOS March 6-10, 2018, New Orleans, LA.
8. Bovonratwet P, Tyagi V, Ottesen T, Ondeck NT, **Rubin LE**, Grauer JN. "Revision Total Knee Arthroplasty in Octogenarians: An Analysis of 957 Cases." Paper 266, AAOS March 6-10, 2018, New Orleans, LA.

9. Eltorai AE, Durand WM, Haglin J, **Rubin LE**, Weiss APC, Daniels AH. "Trends in Medicare Reimbursement for Orthopedic Procedures: 2000 to 2016." Paper 217, AAOS March 6-10, 2018, New Orleans, LA.
10. Haynes MS, Alder KD, Toombs C, **Rubin LE**, Grauer JN. "The Effects of Preoperative Dementia and Postoperative Delirium on 30-Day Postoperative Mortality in Geriatric Hip Fracture Patients." NMA Annual Convention and Scientific Assembly, National Medical Association, August 11, 2018, Orlando, Florida, (1st PLACE AWARD).
11. Ottesen TD, Hsiang WR, Malpani R, Varthi AG, **Rubin LE**, Grauer JN. "Underweight Patients are the Highest Risk Body Mass Index Group for Perioperative Adverse Events Following Total Shoulder Arthroplasty." American College of Surgeons Clinical Congress Scientific Forum, 2018 October 21-25; Boston, MA (Podium Presentation).
12. Kuether JP, O'Connor MI, Moore A, **Rubin LE**. "Tele-Rehabilitation for Total Hip and Knee Arthroplasty Patients: No Increase in Readmissions." Paper 850, AAOS March 2019, Las Vegas, NV. ("TOP 8" PAPER)
13. Ottesen TD, Hsiang W, Malpani R, Varthi A, **Rubin LE**, Grauer JN. "Underweight patients are the Greatest Risk Body Mass Index group for perioperative adverse events following total shoulder arthroplasty." Paper 829, AAOS March 2019, Las Vegas, NV. ("TOP 8" PAPER)
14. Galivanche AR, Mercier MR, Adrados M, McLynn RP, Anandasivam NS, Varthi AG, **Rubin LE**, Grauer JN. "Admission NarxCare Narcotics Scores are Not Associated with Adverse Surgical Outcomes or Self-Reported Patient Satisfaction Following Elective Spine Surgery." 12th Annual Meeting of the Lumbar Spine Research Society; 2019 April 5; Chicago, IL.
15. Ottesen TD, Pathak N, Mercier MR, Lukasiewicz AM, Grauer JN, **Rubin LE**. "Is there value in subspecialty training? Comparison of differences in outcomes between fellowship-trained Orthopedic foot and ankle surgeons and all other Orthopedic surgeons using the ABOS database." American College of Surgeons Clinical Congress Scientific Forum, 2019 October 27-31; San Francisco, CA (Oral Presentation).
16. Ottesen TD, Mercier MR, Grauer JN, **Rubin LE**. "Increasing trend and value in trauma subspecialty training: Variation in surgical outcomes when comparing trauma fellowship-trained versus all other Orthopedic surgeons using the ABOS Database." 4th International Trauma Congress, 2020 February 19-21; Dubai, United Arab Emirates (Podium).
17. Ottesen TD, Pathak N, Mercier MR, Kirwin DS, Lukasiewicz AM, Grauer JN, **Rubin LE**. "Is there value in subspecialty training? Comparison of differences in outcomes between fellowship-trained Orthopedic foot and ankle surgeons and all other Orthopedic surgeons using the ABOS database." Paper 228, AAOS 2021 Annual Meeting, 2021 August 31-September 3, San Diego, California (Podium Presentation).
18. Pathak N, Schneble CA, Petit LS, Kahan JB, Arsoy D, **Rubin LE**. "Adult Reconstruction Fellowship Interviewee Perceptions of Virtual vs. In-Person Interview Formats." Paper 631, AAOS 2021 Annual Meeting, 2021 August 31-September 3, San Diego, California (Podium Presentation).
19. Gardezi M, Moore G, **Rubin LE**, Grauer JN. "Predictors of Physical Abuse in Elder Patients with Fracture." Paper 659, AAOS 2021 Annual Meeting, 2021 August 31-September 3, San Diego, California (Podium Presentation).
20. Moore HG, Gardezi M, Burroughs P, **Rubin LE**, Frumberg DB, Grauer JN. "Total Hip Arthroplasty in Patients with Cerebral Palsy: A Matched Comparison of 90-Day Adverse Events and 5-Year Implant Survival." American Academy for Cerebral Palsy and Developmental Medicine 75th Annual Meeting. October 6th-9th, 2021. Quebec City, Quebec, Canada. (2021 BEST ADULT PAPER AWARD)
21. Joo PY, Modrak M, Park N, **Rubin LE**, Grauer JN, Bernstein J. "Comparing Venous Thromboembolism Prophylactic Agents After Hip Fracture Surgery: A National Database Study."

Accepted for Paper Presentation. American Academy of Orthopedic Surgeons 2022 Annual Meeting, Chicago, IL.

22. Galivanche AR, Allahabadi S, Grauer JN, **Rubin LE**, Bini SA. "Computer-Assisted Navigation in Simultaneous Bilateral Knee Arthroplasty." Rapid-Fire Presentation at the Western Orthopedic Association 2022 Annual Meeting; 2022 August 5; Maui, HI.
23. Dhodapkar MM, Gouzoulis MJ, Halperin SJ, Radford ZJ, **Rubin LE**, Grauer JN. "Urgent care visits sought after primary total hip arthroplasty: A potentially overlooked resource." Medical Student Orthopedic Society (MSOS) Annual Symposium. Breakout Session Group: Hip and Knee 2, April 23rd, 2023, 12:00pm to 1:10pm EST.
24. Nelson C, Li J, **Rubin LE**. "Outpatient Total Joint Replacement: Out with the bad, in with the good, all in the same day." NAON 2023 Annual Meeting, May 6, 2023, 2:30-4pm, Pittsburgh PA.
25. Roberts S, Martinello R, Golden M, **Rubin LE**. "Extended Gram-Negative Antibiotic Prophylaxis Reduces Surgical Site Infections in Hip Fracture with Arthroplasty." Podium Presentation at the 2023 Musculoskeletal Infection Society Annual Meeting, Abstract 1186. Salt Lake City, UT, August 4-5, 2023.
26. Ottesen TD, Amick M, Kirwin DS, Mercier MR, Brand J, Grauer JN, **Rubin LE**. *Increasing Trend and Value in Subspecialty Training: A Comparison of Variation in Surgical Outcomes for Pediatric Versus Other Fellowship-trained ABOS Candidates in the Treatment of Supracondylar Fractures*. Orthopaedic Summit 2023, 2023 September 19-23, Boston, Massachusetts.
27. Rudisill KE, Ratnasamy PP, Joo PY, **Rubin LE**, Grauer JN. A substantial number of total knee arthroplasty (TKA) patients undergo magnetic resonance imaging (MRI) in the year prior to surgery-a potential overutilization of healthcare resources. Radiological Society of North America. November 26-30, 2023. Chicago, IL.
28. Oghenesume OP, Dhodapkar MM, Ratnasamy PP, Radford ZJ, **Rubin LE**, Grauer JN. Unlike tobacco users, cannabis users are not at an increased risk of adverse events following THA. Podium Presentation: VIPER Adult Reconstruction, Hip VI, at American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting 2024. February 12-16; San Francisco, California.
29. Spichler AM, O'Bryan J, **Rubin LE**, Golden M. Suppressive Antibiotic Therapy in Patients with Prosthetic Joint Infection and Retained Hardware: How Much Is Enough? Podium Presentation at the Musculoskeletal Infection Society, August 2-3, 2024, Durham, NC.

Scientific Podium Presentations (Regional & Local)

1. **Rubin LE**, Kennon RE, Keggi JM, Keggi KJ. "The Direct Anterior Approach without traction table for Hip Resurfacing Arthroplasty." Podium presentation at the 2008 Annual Meeting of the Connecticut Orthopedic Society, Farmington, CT.
2. Keggi JM, Kennon RE, **Rubin LE**, Keggi KJ. "The Direct Anterior Approach without traction table for Hip Resurfacing Arthroplasty." Podium presentation at the 3rd Annual Hip Joint Preservation and Resurfacing Arthroplasty Course, 2009, Baltimore, MD.
3. **Rubin LE**, Keggi JM, Kennon RE, Keggi KJ. "Efficacy of a saline-coupled bipolar tissue sealing device in reducing blood loss during unilateral total hip arthroplasty." Podium presentation at the Postgraduate Disputations Seminar of the Yale Orthopedic Association, June 19th, 2009, New Haven, CT.
4. **Rubin LE**. Disputation of Ameya V Save, M.D. "Industry Payments to Hand Surgeons in the Open Payments Database." Postgraduate Disputations Seminar of the Yale Orthopedic Association, June 14th, 2019, New Haven, CT.
5. Adrados M, Nelson S, Mercier M, **Rubin LE**, Keggi KJ. "Total Hip Arthroplasty Using Ceramic-on-Ceramic Articulations in Young Patients: A Minimum 30 Year Follow-Up Study." Presented at the Connecticut Orthopedic Society Annual Meeting, Farmington, CT. April 2018.

6. McLynn RP, **Rubin LE**, Grauer JN. "The Rothman Index: Predicting Post-Discharge Events after Geriatric Hip Fracture Surgery". YNHHS PeraHealth Meeting, September 11, 2017.
7. McDonald E, **Rubin LE**. Evaluation of a Novel Irrigation Solution for Debridement and Implant Retention (DAIR). Yale Orthopedics Fellowship Research Symposium, July 29, 2022.
8. Ani L, Radford Z, **Rubin LE**. Managing Native Hip Protrusion: Novel Classification and Management Recommendations. Postgraduate Disputations Seminar of the Yale Orthopedic Association, May 2023, New Haven, CT.
9. Khwaja A, Gouzoulis M, Grauer JN, **Rubin LE**. Outcomes Following THA in patients with Ankylosing Spondylitis. Yale Orthopedics Fellowship Research Symposium, July 2023.
10. Seddio AE, Vasudevan RS, Gouzoulis MJ, Ansah-Twum JK, **Rubin LE**, Grauer JN. Superior postoperative outcomes following total knee arthroplasty are associated with as short as one-month of semaglutide use for patients with type II diabetes. Northeast Arthroplasty Conference, "Top 3 Research Projects" Podium Competition, Awarded Best Research Project, Brown Medical School, Providence, Rhode Island, May 24, 2024.

Journals

Editorial Boards

2010	Guest Journal Monograph Editor, <i>Techniques in Orthopaedics</i>
2011-present	Editorial Board, <i>Reconstructive Review</i>
2013	Guest Journal Monograph Editor, <i>RI Medical Journal</i>
2014-present	Founding Editorial Board Member, <i>Arthroplasty Today</i>
2017-present	Editorial Board Member, <i>Journal of Arthroplasty</i>

Reviewer

Journal of Arthroplasty, Arthroplasty Today, Journal of Orthopaedic Research, Journal of Medical Economics, Clinical Orthopaedics and Related Research, BMC Musculoskeletal Disorders, Current Medical Reviews & Opinion Arthroplasty: Arthroplasty Society in Asia (ASIA), Journal of the American Academy of Orthopaedic Surgeons (JAAOS), Reconstructive Review,

Professional Organizations:

American Academy of Orthopaedic Surgeons (AAOS)

2012 – 2014	Member, "Orthopaedic Opinion Group"
2014 – 2018	Committee Member, Orthopaedic Video Theater (OVT) Committee
2018 – 2022	Chair, Orthopaedic Video Theater (OVT) Committee
2019 – 2021	Member, Social Media Taskforce
2019 – Present	AAOS Trained Media Spokesperson

American Association of Hip and Knee Surgeons (AAHKS)

2011 – 2017	Reviewer, <i>Journal of Arthroplasty</i>
2012 – 2016	RI State Representative to AAHKS PAC
2015 – 2018	Annual Meeting Poster Award Reviewer
2014 – Present	Founding Editorial Board Member & Reviewer, <i>Arthroplasty Today</i> (36+ Papers Reviewed)
2017 – Present	Elite Reviewer & Editorial Board Member, <i>Journal of Arthroplasty</i> (96+ Papers Reviewed)
2018 – 2021	AAHKS Representative for the Initial Development of the American Board of Orthopaedic Surgery (ABOS) Web-Based Longitudinal Assessment (WLA) Curriculum

Orthopaedic Research Society (ORS)

2013 – 2015 Abstract Reviewer
2014 – 2015 Podium Moderator
2014 – 2016 “Hip Topic” Chair, Annual Meeting Committee

International Congress of Joint Reconstruction (ICJR)

2012 – 2021 Faculty Member, Annual “Anterior Hip Course” (All 10 Annual Courses)
2013 – 2015 Peer Review Panel, Online Media

Connecticut Orthopaedic Society

2004 – 2011 Member
2007-2009 Resident Representative to COS Board
2017 – Present Member

Rhode Island Orthopaedic Society (RIOS)

2013 – 2015 Member at Large, Executive Committee Member, Presidential Line
2015 – 2017 Treasurer, Executive Committee Member, Presidential Line

Yale Orthopaedic Association

2016 – Present Executive Board Member
2017 – Present Treasurer

American Orthopaedic Association (AOA)

2021 – 2023 Member, Social Media Taskforce

Yale University/Hospital System:

University Committees

2017 Thesis Reviewer, PA Master Thesis Committee, Project Name: “Does Implant Selection Affect Mobility After Intertrochanteric Hip Fracture?” YSM
2022 Thesis Reviewer, Project Name: “Patient Factors and Perioperative Outcomes Affect Hospital Consumer Assessment of Healthcare Providers and Systems Survey Response Rates After Total Joint Arthroplasty”, YSM
2018-Present Program Director, Keggi-Kimball International Orthopaedic Educational Fund “Visiting Scholars” Program
2021-Present Program Director, Yale Arthroplasty Fellowship

Medical School Committees

2017–Present Member, Yale Orthopaedics Faculty
2017–Present Yale Orthopaedics Executive Committee Member
2017–Present Yale Orthopaedics Program Evaluation Committee (PEC)
2017–Present Yale Orthopaedics Clinical Curriculum Committee (CCC)
2017–Present Yale Orthopaedics Residency Selection Committee

Departmental Committees

2017 Recruitment Committee Chair, Arthroplasty
2017–2019 Member, YNHH Orthopaedic Readmission Task Force
2017–2019 Leader, YNHH McGivney Outpatient Arthroplasty Protocol Committee
2017–2023 Medical Director, YNHH St. Raphael’s Hospital Verdi 4-East

Lee E. Rubin, MD, FAAOS, FAAHKS, FAOA

2017–Present	Co-Chair, YNHH Musculoskeletal Surgical Site Infection Committee
2017–Present	Member, YNHH Hip Fracture Program Oversight Committee
2018	Recruitment Committee Chair, Arthroplasty
2018–Present	Leader, YNHHS System Arthroplasty Committee
2020	Recruitment Committee Chair, Arthroplasty
2020	Building Blueprint Design Committee, Yale Medicine Orthopaedics: Guilford
2021–Present	Member, YNHH Graduate Medical Education Council
2021	Building Blueprint Design Committee, Yale Medicine Orthopaedics: Wallingford
2021	Recruitment Committee Chair, Arthroplasty
2022	Recruitment Committee Chair, Arthroplasty
2023	Recruitment Committee Chair, Arthroplasty
2023	Building Blueprint Design Committee, Yale Medicine: North Haven
2024	Recruitment Committee Chair, Arthroplasty, Three Positions
2025	Recruitment Committee Chair, Arthroplasty, Two Positions

Hospital Committees

2017 – Present	Chief, YNHH Total Joint Replacement Program
2018	Building Blueprint Design Committee, McGivney Center for Advanced Surgery
2026	Building Blueprint Design Committee, YNHH SRC Campus Bed Tower

Public / Community Service

2000	Team Member, Boston Coalition for Adult Immunization. Team Leader and Charity Bicyclist, Project Bread’s Annual “Ride for Hunger.”
2000-2001	Team Member, Boston Coalition for Adult Immunization.
2001-2004	Elected Class Representative, TUSM Ethics Committee.
2002-2003	Statewide Medical Student Representative, MMS Cmte on Ethics and Discipline
2003-2004	Statewide Medical Student Representative, Boston Medical Library’s Board of Trustees
2004-2008	Event Physician, New Haven Pilot Pen ATP/WTA Tennis Tournament
2005	Sideline Physician, New Haven Road Race.
2006	Sideline Physician, Connecticut State Football Championships and CIAC Events.
2006-2007	Medical Research Associate, Orthopaedic Medical Legal Advisor.
2008	Event Physician, National Youth Sports Program, Yale University Athletics.
2012	Participant, Fourth Annual “Ride Round Rhody” Bicycle Charity Event.
2012-2016	Team Leader, RI Walk to Cure Arthritis, RI Chapter of the Arthritis Foundation. Served as Event Chairman in 2013 and Medical Honoree in 2015.
2016	Event Physician, USA Gymnastics Championships, Providence, RI.
2018	Team Leader, Jingle Bell Run, CT Chapter of the Arthritis Foundation.
2021-2022	COVID Vaccination Volunteer for Hospital Staff, Yale-New Haven Hospital.
2022-Present	Member, Men’s Club, Temple Beth Tikvah (TBT), Madison, CT.
2022-Present	Member, Kulanu Committee, Temple Beth Tikvah (TBT), Madison, CT.
2023-Present	Member, Yale Jewish Academics Forum.

Kulanu Community Events Hosted

Jan 2022	Together Against Antisemitism and Hate.” Host, a community gathering presented by TBT and the ADL at Guilford Community Center, Guilford, CT.
----------	---

- May 2023 Facing Hate in Our Community.” Co-Host, a shared conversation with TBT and the First Community Church of Madison.
- Oct 2023 “Dare to Lead: Brave Conversations.” Presenter, presented to the TBT membership in partnership with the Anti-Defamation League of CT.
- June 2024 “In the Eye of the Storm: Antisemitism and its Effect on Jewish Students.” Moderator, presented to TBT Membership and Yale University Jewish Community, featuring guest speaker Uri Cohen, Executive Director of Yale Hillel.
- Sept 2024 “The October 7th Story of Kibbutz Nirim, with Adele Raemer.” Host, jointly sponsored by TBT and the Jewish National Fund USA.

Bibliography:

Peer-Reviewed Original Research

1. **Rubin LE**, Stein PB, DiScala C, Grottkau BE. Pediatric trauma caused by personal watercraft: A ten-year retrospective. *Journal of Pediatric Surgery* 2003; 38(10): 1525-1529.
2. Page C, **Rubin LE**, Gusberg RJ, Dardik A. Arterial thrombosis associated with heterozygous factor V Leiden disorder, hyperhomocysteinemia, and peripheral arterial disease: Importance of synergistic factors. *Journal of Vascular Surgery* 2005; 42: 1014-8.
3. **Rubin LE**, Galante NJ, Smith BG, Deluca PA. Direct Intraosseous Pressure Monitoring of the Femoral Head During Surgical Dislocation and Osteotomy for Slipped Capital Femoral Epiphysis. *Orthopedics* 2008; 31(7): 663-6.
4. **Rubin LE**, Keggi KJ. The anterior and the anterior two-incision approach to total hip arthroplasty. *Seminars in Arthroplasty* 2008; 19(2): 175-9.
5. Aschoff HH, Kennon RE, Keggi JM, **Rubin LE**. Transcutaneous, Distal Femoral, Intramedullary Attachment For AKA Prostheses: An Endo-Exo Device. Technical Exhibit from AAOS 2010. *Journal of Bone and Joint Surgery*, 2010; 92:180-186.
6. Keggi JM, Kennon RE, **Rubin LE**, Keggi KJ. The Direct Anterior Approach for Hip Resurfacing Arthroplasty. *Techniques in Orthopaedics* 2010; 25(1): 12-17.
7. Rubin L, Kennon R, Keggi J, Aschoff HH. Surgical Management of trans-femoral amputations with a transcutaneous, press-fit distal femoral intra-medullary device: Analysis with minimum 2-year follow-up. *Journal of Bone and Joint Surgery - British*, 2012; 94-B: SUPP XXI 95.
8. Flanagan BA, Dushey CH, **Rubin LE**, Keggi KJ. Total hip arthroplasty followed by traction and delayed reduction for Crowe IV developmental dysplasia of the hip. *The Journal of Arthroplasty*. 2013 Jun 1;28(6):1052-4.
9. Kayiaros S, **Rubin LE**, Biercevicz A, Limbird R, Paller D. Broach Handle Offset and Impact Acceleration During Femoral Preparation for Total Hip Arthroplasty. *Reconstructive Review*. 3(2): 41-3. September 2013.
10. Anazonwu WA, Tuttle JR, **Rubin LE**. Subgroup Analysis of Topical Tranexamic Acid in Total Hip Arthroplasty. *Reconstructive Review*, 2014; 4 (4): 13-17.
11. Klinge SA, Vopat BG, Daniels AH, Bariteau JT, **Rubin LE**, Limbird R. Early Catastrophic Failure of Trochanteric Fixation with the Dall-Miles Cable Grip System. *Journal of Arthroplasty*. 29(6):1289-91, 2014.
12. Tuttle JR, Anazonwu W, **Rubin LE**. Subgroup Analysis of Topical Tranexamic Acid in Total Knee Arthroplasty. *Reconstructive Review*. 4(2): 37-41, 2014.
13. Tuttle JR, Ritterman SA, Cassidy DB, Anazonwu WA, Froehlich JA, **Rubin LE**. Cost Benefit Analysis of Topical Tranexamic Acid in Primary Hip and Knee Arthroplasty. *Journal of Arthroplasty*. 29(8): 1512-15, 2014.
14. Biercevicz A, Fleming B, Akelman M, Evangelista P, **Rubin LE**, "The Uncertainty of Predicting Intact Anterior Cruciate Ligament Degeneration in Terms of Structural Properties Using T2*

- Relaxometry in a Human Cadaveric Model." *J of Biomechanics*, 2015 48(6): 1188-92. PMID: 25746575.
15. DeFroda S, **Rubin LE**, and Jenkins DR. Modifiable Risk Factors in Total Joint Arthroplasty: A Pilot Study. *Rhode Island Medical Journal*, Published Online, May 2016, 28-31. PMID: 27128514.
 16. Bokshan SL, Ruttiman RJ, DePasse JM, **Rubin LE**, Palumbo MA, Daniels AH. Reported Litigation Associated With Primary Hip and Knee Arthroplasty. *J Arthroplasty*. 2017, 32(12); 3573-3577. PMID: 28781019.
 17. Bovonratwet P, Ondeck NT, Tyagi V, Nelson SJ, **Rubin LE**, Grauer JN. Outpatient and Inpatient Unicompartmental Knee Arthroplasty Procedures Have Similar Short-Term Complication Profiles. *J Arthroplasty*. 2017, 32(10); 2935-2940. PMID: 28602533.
 18. Cohen EM, Vaughn JJ, Ritterman SA, Eisenson DL, **Rubin LE**. Intraoperative Femur Fracture Risk During Primary Direct Anterior Approach Cementless Total Hip Arthroplasty With and Without a Fracture Table. *J Arthroplasty*. 2017, 32(9):2847-2851. PMID: 28511947.
 19. Nelson, S., Adrados, M., Gala, R., Geiger, E., Webb, M., Rubin, LE, and Keggi, K. "Leg and Femoral Neck Length Evaluation Using an Anterior Capsule Preservation Technique in Primary Direct Anterior Approach Total Hip Arthroplasty." *Reconstructive Review*. 2017, 7(1).
 20. Defillo JC, Montiero JG, **Rubin LE**, Froehlich JA, Butterfield K, McNicholl L. Impact of a Geriatric Co-Management Program for Elective Joint Replacement. *Innovation in Aging* July 2017, Supp 1 108-109. PMCID: PMC6242216. <https://doi.org/10.1093/geroni/igx004.454>
 21. Aseptic Revision total hip arthroplasty in the elderly: quantifying the risks for patients over 80 years old. *BJJ*, 2018, 100-B(2); 143-151. PMID 29437055.
 22. Bovonratwet P, Tyagi V, Ottesen TD, Ondeck NT, **Rubin LE**, Grauer JN. Revision Total Knee Arthroplasty in Octogenarians: An Analysis of 957 cases. *J Arthroplasty*. 2018, 33(1); 178-184. PMID 28844628.
 23. Eltorai AE, Durand WM, Haglin JM, **Rubin LE**, Weiss AC, Daniels AH. Trends in Medicare Reimbursement for Orthopaedic Procedures: 2000 to 2016. *Orthopedics*, 2018, 41(2); 95-102. PMID: 29494748.
 24. Honcharruk E, Kayiaros S, **Rubin LE**. The direct anterior approach for acetabular augmentation in primary total hip arthroplasty, *Arthroplasty Today*, 2018, 4(1); 33-39. PMID: 29560393.
 25. McLynn RP, Ottesen TD, Ondeck NT, Cui JJ, **Rubin LE**, Grauer JN. The Rothman Index is Associated with Post-Discharge Adverse Events after Hip Fracture Surgery in Geriatric Patients. *CORR* 2018, 476(5); 997-1006. PMID 29419631.
 26. Ottesen TD, McLynn RP, Zogg CK, Shultz BN, Ondeck NT, Bovonratwet P, Bellamkonda KS, **Rubin LE**, Grauer JN. Dialysis is an independent risk factor for perioperative adverse events, readmission, reoperation, and mortality for patients undergoing elective spine surgery. *Spine J*, 2018. PMID: 30077772.
 27. Tyagi V, Huez C, Henderson D, Lukasiewicz A, Gardner E, **Rubin LE**, Weis L. The effect of a preoperative education class on the rate of manipulation under anesthesia after total knee arthroplasty in a veterans population. *Arthroplasty Today*, 2018, 4(3): 359-62. PMID: 30186922.
 28. Bovonratwet P, Malpani R, Ottesen TD, Tyagi V, Ondeck NT, **Rubin LE**, Grauer JN. Aseptic revision total hip arthroplasty in the elderly: quantifying the risks for patients over 80 years old. *The Bone & Joint Journal*. 2018 Feb 1;100(2):143-51.
 29. Ottesen TD, Hsiang WR, Malpani R, Varthi AG, **Rubin LE**, Grauer JN. Underweight patients are the highest-risk BMI group for perioperative adverse events after Total Shoulder Arthroplasty. *JACS*, 224, 4(1): Supplement of 2018 Clinical Congress, p. 191, October 2018. <https://doi.org/10.1016/j.jamcollsurg.2018.07.412>

30. TD, McLynn RP, Galivanche AR, Bagi PS, Zogg CK, **Rubin LE**, Grauer JN. Increased complications in geriatric patients with a fracture of the hip whose postoperative weight-bearing is restricted: an analysis of 4918 patients. *Bone Joint J.* 2018 Oct;100-B(10):1377-1384. PMID: 30295535. (Featured Article)
31. Cohen EM, Ritterman S, Vaughn J, Eisenson D, Babu J, **Rubin LE**. Heterotopic Ossification after Direct Anterior Approach Total Hip Arthroplasty. *Journal of Hip Surgery*, 2019, 3(4): 186-190. DOI: 10.1055/s-0039-1698410.
32. Tyagi V, Kahan JB, Huang P, Leslie MP, **Rubin LE**, Gibson DH. Negative pressure incisional therapy and postoperative infection after direct anterior approach primary total hip arthroplasty. *Orthopedics* 2019, 42(6), e539-e544. PMID 31505014.
33. Li J, Dai F, Chang D, Harmon E, Ibe I, Sukumar N, Halaszynski TM, **Rubin LE**, O'Connor MI. A Practical Analgesia Approach to Fragility Hip Fracture: A Single-Center, Retrospective, Cohort Study on Femoral Nerve Block. *J Orthop Trauma.* 2019 Apr;33(4):175-179. PMID: 30570615.
34. Kleiner JE, Eltorai AEM, **Rubin LE**, Daniels AH. Matched Cohort Analysis of Total Hip Arthroplasty in Patients With and Without Parkinson's Disease: Complications, Mortality, Length of Stay, and Hospital Charges. *J Arthroplasty.* 2019 Jul;34(7S):S228-S231. Epub 2019 Mar 14. PMID: 30982760.
35. Galivanche AR, Mercier MR, Adrados M, Pathak N, McLynn RP, Anandasivam NS, Varthi AG, **Rubin LE**, Grauer JN. Admission NarxCare Narcotics Scores are Not Associated with Adverse Surgical Outcomes or Self-Reported Patient Satisfaction Following Elective Spine Surgery. *Spine (Phila Pa 1976).* 2019 Jul 25. PMID: 31356498.
36. Kleiner JE, Gil JA, Eltorai AEM, **Rubin LE**, Daniels AH. Matched cohort analysis of peri-operative outcomes following total knee arthroplasty in patients with and without Parkinson's disease. *Knee.* 2019 Aug;26(4):876-880. PMID: 31171425.
37. Ottesen TD, Yurter A, Shultz BN, Galivanche AR, Zogg CK, Bovonratwet P, **Rubin LE**, Grauer JN. Dialysis-dependence is Associated with Significantly Increased Odds of Perioperative Adverse Events Following Geriatric Hip Fracture Surgery Even After Controlling for Demographics Factors and Comorbidities. *The Journal of the American Academy of Orthopaedic Surgeons (JAAOS) Global Research and Review*, 3(8), August 2019, e086. PMID: 31592508
38. Kuether JD, Moore A, Kahan J, Martucci J, Messina T, Perrault R, Sembler R, Tarutis J, Zazulak B, **Rubin LE**, O'Connor MI. Tele-Rehabilitation for total hip and knee arthroplasty patients: A pilot series with high patient satisfaction. *HSS Journal*, August 2019, 15(3), 221-25. PMID: 31624476.
39. Ottesen TD, Pathak N, Mercier MR, Lukasiewicz AM, Grauer JN, **Rubin LE**. Is there Value in Subspecialty Training? Comparison in differences of outcomes between Fellowship-trained orthopaedic foot and ankle surgeons and all other orthopaedic surgeons using the American Board of Orthopaedic Surgery Database. *JACS*, 229, 4(1): Supplement of 2019 Clinical Congress, p. 196, October 2019. <https://doi.org/10.1016/j.jamcollsurg.2019.08.432>
40. Galivanche AR, Mercier MR, Adrados M, Pathak N, McLynn RP, Anandasivam NS, Varthi AG, **Rubin LE**, Grauer JN. Admission NarxCare Narcotics Score are not associated with adverse surgical outcomes or self-reported patient satisfaction following elective spine surgery. *Spine*, November 1, 2019, 44(21): 1515-22. PMID 31356498.
41. *Regen Eng Transl Med.* 2020 Sep;7(3):283-290. doi: 10.1007/s40883-020-00149-z. Epub 2020 Jan 29. PMID: 34589570.
42. Pathak N, Munger AN, Charifa A, Laskin WB, Bisson E, Kupfer GM, **Rubin LE**. Total Knee Arthroplasty in Hemophilia A. *Arthroplasty Today.* March 2020, 6(1): 52-58. PMID: 32211475.

43. Hilibrand AS, **Rubin LE**, Grauer JN. Geographic Variations and Trends in Primary and Revision Knee and Total Hip Arthroplasties in the United States, JBJS Open Access: April-June 2020 - Volume 5 - Issue 2 - p e0051 DOI: 10.2106/JBJS.OA.19.00051. PMID 33123661.
44. Galivanche AR, Kebaish KJ, Adrados M, Ottesen TD, Varthi AG, **Rubin LE**, Grauer JN. Postoperative pressure ulcers after geriatric hip fracture surgery are predicted by defined preoperative comorbidities and postoperative complications. J Am Acad Orthop Surg. April 15 2020; 28(8): 342-351. PMID 31567615.
45. Galivanche AR, Kebaish KJ, Adrados M, Ottesen TD, Varthi AG, **Rubin LE**, Grauer JN. Postoperative pressure ulcers after geriatric hip fracture surgery are predicted by defined preoperative comorbidities and postoperative complications. JAAOS-Journal of the American Academy of Orthopaedic Surgeons. 2020 Apr 15;28(8):342-51.
46. Dlott CC, Moore A, Nelson C, Stone D, Morris JC, Gibson DH, **Rubin LE**, O'Connor MI. Preoperative Risk Factor Optimization Lowers Hospital Length of Stay and Postoperative Emergency Department Visits in Primary Total Hip and Knee Arthroplasty Patients. J Arthroplasty 2020 June; 35(6): 1508-1515. PMID: 32113812.
47. Malpani R, McLynn RP, Bovonratwet P, Bagi PS, Yurter A, Mercier MR, **Rubin LE**, Grauer JN. Coagulopathies are a Risk Factor for Adverse Events Following Total Hip and Total Knee Arthroplasty. Orthopedics. Orthopedics. 2020 Jul 1;43(4):233-238. doi: 10.3928/01477447-20200624-02. PMID 32674174
48. Haynes, MS., Ondeck, NT., Ottesen, TD., Malpani, R., Alder, KD., Rubin, LE, Grauer, JN. "Perioperative Outcomes of Hemiarthroplasty versus Total Hip Arthroplasty for Geriatric Hip Fracture: The Importance of Studying Matched Populations" J Arthroplasty. 2020 Nov;35(11):3188-3194. doi: 10.1016/j.arth.2020.06.015. Epub 2020 Jun 15. PMID: 32654940.
49. Scott MC, Galivanche AR, Mets EJ, Pathak N, Kahan JB, Burroughs PJ, Varthi AG, **Rubin LE**, Grauer JN. Patients' and physicians' knowledge of radiation exposure related to spine surgery. Spine (Phila Pa 1976). 2020 Nov 15;45(22):E1507-E1515. doi: 10.1097/BRS.0000000000003650. PMID: 32858741.
50. Molho D, Kuether JP, **Rubin LE**. "Anatomic Navigation" using the Transverse Acetabular Ligament for Acetabular Component Positioning in Direct Anterior Approach Total Hip Arthroplasty" AAOS OVT Award Winning Abstract. JAAOS: 10.5435/JAAOS-D-20-00839, doi: 10.5435/JAAOS-D-20-00839. January 1, 2021.
51. Ottesen TD, Hsiang WR, Malpani R, Nicolson AD, Varthi AG, **Rubin LE**, Grauer JN. Underweight Patients are the Greatest Risk Body Mass Index Group for Perioperative Adverse Events Following Total Shoulder Arthroplasty. J Am Acad Orthop Surg. 2021 Feb 1;29(3):e132-e142. doi: 10.5435/JAAOS-D-20-00049. PMID: 32568997.
52. Mercier MR, Pathak N, Adrados M, Galivanche AR, Malpani R, Hilibrand AS, **Rubin LE**, Grauer JN. Patient Factors and Perioperative Outcomes Affect Hospital Consumer Assessment of Healthcare Providers and Systems Survey Response Rates After Primary Total Hip Replacement. J Am Acad Orthop Surg Glob Res Rev. 2021 Apr 1;5(4). doi: 10.5435/JAAOSGlobal-D-21-00052. PMID: 33798127.
53. Kebaish KJ, Galivanche AR, Varthi AG, Ottesen TD, **Rubin LE**, Grauer JN. Long-Term Corticosteroid Use Independently Correlates with Complications after Posterior Lumbar Spine Surgery. Orthopedics. 2021 May-Jun;44(3):172-179. doi: 10.3928/01477447-20210416-01. Epub 2021 May 1. PMID: 34039214.
54. Rankin KA, Freedman IG, **Rubin LE**, Grauer JN. Centers for Medicare & Medicaid Services' 2018 Removal of Total Knee Arthroplasty from the Inpatient-Only List Led to Broad Changes in Hospital Length of Stays. J Am Acad Orthop Surg. 2021 May 5. doi: 10.5435/JAAOS-D-20-01228. Online ahead of print. PMID: 33960970.

55. Haynes MS, Alder KD, Toombs C, Amakiri IC, **Rubin LE**, Grauer JN. Predictor and Sequelae of Postoperative Delirium in a Geriatric Patient Population with Hip Fracture. *J Am Acad Orthop Surg Glob Res Rev.* 2021 May 14;5(5):e20.00221. doi: 10.5435/JAAOSGlobal-D-20-00221. PMID: 33989253.
56. Moore HG, Gardezi M, Burroughs PJ, **Rubin LE**, Frumberg DB, Grauer JN. Total Hip Arthroplasty in Patients with Cerebral Palsy: A Matched Comparison of 90-Day Adverse Events and 5-Year Implant Survival. *J Arthroplasty.* 2021 Jun 5:S0883-5403(21)00522-2. doi: 10.1016/j.arth.2021.05.039. Online ahead of print. PMID: 34176692.
57. Gardezi M, Ottesen TD, Tyagi V, Sherman JJZ, Grauer JN, **Rubin LE**. Arthroplasty Implants and Materials: Cost Awareness and Value Perception. *PLoS One.* 2021 Jul 26;16(7):e0255061. doi: 10.1371/journal.pone.0255061. eCollection 2021. PMID: 34310629.
58. Pathak N, Schneble CA, Petit LM, Kahan JB, Arsoy D, **Rubin LE**. Adult Reconstruction Fellowship Interviewee Perceptions of Virtual vs. In-Person Interview Formats. *Arthroplast Today.* 2021 Aug 7;10:154-159. doi: 10.1016/j.artd.2021.04.011. eCollection 2021 Aug. PMID: 34401419.
59. Zhou L, **Rubin LE**, Liu C, Chen Y. Short interfering RNA (siRNA)-based therapeutics for cartilage diseases. *Regenerative engineering and translational medicine.* 2021 Sep;7:283-90.
60. Moore HG, Schneble CA, Kahan JB, Polkowski GG, **Rubin LE**, Grauer JN. Total Joint Arthroplasty in Patients with Achondroplasia: Comparison of 90-Day Adverse Events and 5-Year Implant Survival. *Arthroplast Today.* 2021 Sep 15;11:151-156. doi: 10.1016/j.artd.2021.08.011. eCollection 2021 Oct. PMID: 34584919
61. Mercier MR, Galivanche AR, David WB, Malpani R, Pathak N, Hilibrand AS, **Rubin LE**, Grauer JN. Hospital Consumer Assessment of Healthcare Providers and Systems survey response rates are significantly affected by patient characteristics and postoperative outcomes for patients undergoing primary total knee arthroplasty. *PLoS One.* 2021 Sep 28;16(9):e0257555. doi: 10.1371/journal.pone.0257555. eCollection 2021. PMID: 34582475.
62. HG, Justen MA, Kirwin DS, Burroughs PJ, **Rubin LE**, Grauer JN. Does dehydration prior to primary total joint arthroplasty increase risk of perioperative complications? *Arthroplasty.* 2021 Oct 4;3(1):34. doi: 10.1186/s42836-021-00090-8. PMID: 35236481; PMCID: PMC8796573.
63. Galivanche AR, Mercier MR, Schneble CA, Brand J, Pathak N, Varthi AG, **Rubin LE**, Grauer JN. "Clinical Characteristics and Perioperative Complication Profiles of COVID-19-Positive Patients Undergoing Hip Fracture Surgery." *J Am Acad Orthop Surg Glob Res Rev.* 2021 Oct 15;5(10):e21.00104. doi: 10.5435/JAAOSGlobal-D-21-00104. PMID: 34653097.
64. Mercier MR, Galivanche AR, Pathak N, Mets EJ, Molho DA, Elaydi AH, Grauer JN, **Rubin LE**. Revision Total Hip and Knee Arthroplasty are Associated with Lower Hospital Consumer Assessment of Healthcare Providers and Systems Patient Satisfaction Scores Compared with Primary Arthroplasty. *J Am Acad Orthop Surg.* 2021 Nov 30. doi: 10.5435/JAAOS-D-21-00839. Online ahead of print. PMID: 34851861.
65. Moore HG, Schneble CA, Kahan JB, Sculco PK, Grauer JN, **Rubin LE**. What Factors Affect Whether Patients Return to the Same Surgeon to Replace the Contralateral Joint? : A Study of Over 200,000 Patients. *J Arthroplasty.* 2021 Dec 4:S0883-5403(21)00901-3. doi: 10.1016/j.arth.2021.11.036. Online ahead of print. PMID: 34871749.
66. Moore HG, Burroughs PJ, **Rubin LE**, Frumberg DB, Sculco PK, Grauer JN. Patients with Ehlers Danlos Syndromes Experience Higher Rates of Prosthetic Dislocation following Total Hip Arthroplasty and Worse Implant Survival at Five Years. *J Am Acad Orthop Surg.* 2021 Dec 29. doi: 10.5435/JAAOS-D-21-00347. Online ahead of print. PMID: 34967762.
67. Mercier MR, Galivanche AR, Brand JP, Pathak N, Medvecky MJ, Varthi AG, **Rubin LE**, Grauer JN. COVID-Positive ankle fracture patients are at increased odds of perioperative surgical

- complications following open reduction internal fixation surgery. *PLoS One*. 2021 Dec 31;16(12):e0262115. doi: 10.1371/journal.pone.0262115. eCollection 2021. PMID: 34972190.
68. Molho DA, Kuether JP, **Rubin LE**. Anatomic Navigation Using the Transverse Acetabular Ligament for Acetabular Component Positioning in Total Hip Arthroplasty Through the Direct Anterior Approach. *J Am Acad Orthop Surg*. 2022 Feb 1;30(3):100-103. doi: 10.5435/JAAOS-D-20-00839. PMID: 35772088.
69. Ottesen TD, Mercier MR, Brand J, Amick M, Grauer JN, **Rubin LE**. The case for decreased surgeon-reported complications due to surgical volume and fellowship status in the treatment of geriatric hip fracture: An analysis of the ABOS database. *PLoS One*. 2022 Feb 25;17(2):e0263475. doi: 10.1371/journal.pone.0263475. PMID: 35213546; PMCID: PMC8880652.
70. Pathak N, Radford ZJ, Kahan JB, Grauer JN, **Rubin LE**. Publication Frequency and Google Trends Analysis of Popular Alternative Treatments to Arthritis. *Arthroplast Today*. 2022 Feb 28;14:76-80. doi: 10.1016/j.artd.2021.12.009. PMID: 35252510; PMCID: PMC8889241.
71. Rankin KA, Freedman IG, Moore HG, Halperin SJ, **Rubin LE**, Grauer JN. Jump in Elective Total Hip and Knee Arthroplasty Numbers at Age 65 Years: Evidence for Moral Hazard? *J Am Acad Orthop Surg Glob Res Rev*. 2022 Mar 22;6(3):e22.00035. doi: 10.5435/JAAOSGlobal-D-22-00035. PMID: 35315795; PMCID: PMC8942773.
72. Moore HG, Schneble CA, Kahan JB, Grauer JN, **Rubin LE**. Unicompartmental Knee Arthroplasty in Octogenarians: A National Database Analysis Including Over 700 Octogenarians. *Arthroplast Today*. 2022 Apr 4;15:55-60. doi: 10.1016/j.artd.2022.02.009. PMID: 35399988; PMCID: PMC8991237.
73. Golden M, Spichler-Moffarah A, Kerantzas C, Rubin L, O'Bryan J. Unnecessary Routine Use of Mycobacterial Cultures in Patients With Periprosthetic Joint Infections, *Open Forum Infectious Diseases*, Volume 9, Issue 5, May 2022, ofac132, <https://doi.org/10.1093/ofid/ofac132>. PMID: 35392456; PMCID: PMC8982768.
74. Gillinov SM, Burroughs PJ, Moore HG, **Rubin LE**, Frumberg DB, Grauer JN. Total Hip Arthroplasty in Patients With Classic Hemophilia: A Matched Comparison of 90-Day Outcomes and 5-Year Implant Survival. *J Arthroplasty*. 2022 Jul;37(7):1333-1337. doi: 10.1016/j.arth.2022.02.107. Epub 2022 Mar 4. PMID: 35257821; PMCID: PMC9177736.
75. Gardezi M, Moore HG, **Rubin LE**, Grauer JN. Predictors of Physical Abuse in Elder Patients With Fracture. *J Am Acad Orthop Surg Glob Res Rev*. 2022 Jul 12;6(7):e22.00144. doi: 10.5435/JAAOSGlobal-D-22-00144. PMID: 35819835; PMCID: PMC9278940.
76. Del Toro-Pagán NM, Dai F, Banack T, Berlin J, Makadia SA, **Rubin LE**, Zhou B, Huynh P, Li J. Perineural Methylprednisolone Depot Formulation Decreases Opioid Consumption After Total Knee Arthroplasty. *J Pain Res*. 2022 Aug 27;15:2537-2546. doi: 10.2147/JPR.S378243. PMID: 36061486; PMCID: PMC9432382.
77. Mercier MR, Moore HG, Wolfstadt JI, **Rubin LE**, Grauer JN. Outcomes Following Total Hip Arthroplasty in Patients With Postpolio Syndrome: A Matched Cohort Analysis. *J Arthroplasty*. 2022 Sep;37(9):1822-1826. doi: 10.1016/j.arth.2022.04.016. Epub 2022 Apr 18. PMID: 35447277.
78. Gillinov SM, Joo PY, Zhu JR, Moran J, **Rubin LE**, Grauer JN. Incidence, Timing, and Predictors of Hip Dislocation After Primary Total Hip Arthroplasty for Osteoarthritis. *J Am Acad Orthop Surg*. 2022 Nov 1;30(21):1047-1053. doi: 10.5435/JAAOS-D-22-00150. Epub 2022 Aug 9. PMID: 35947825; PMCID: PMC9588560.
79. Joo PY, Moran J, Wilhelm C, Ready J, **Rubin LE**, Grauer JN. Orthopaedic Program Reputation and Association With Social Media Utilization and Engagement. *J Am Acad Orthop Surg Glob*

- Res Rev. 2022 Nov 9;6(11):e22.00095. doi: 10.5435/JAAOSGlobal-D-22-00095. PMID: 36733982; PMCID: PMC9649274.
80. Galivanche AR, Zhu J, Mercier MR, McLean R, Wilhelm CV, Varthi AG, Grauer JN, **Rubin LE**. Admission NarxCare Narcotic Scores Are Associated With Increased Odds of Readmission and Prolonged Length of Hospital Stay After Primary Elective Total Knee Arthroplasty. *J Am Acad Orthop Surg Glob Res Rev*. 2022 Dec 5;6(12):e22.00040. doi: 10.5435/JAAOSGlobal-D-22-00040. PMID: 36732305; PMCID: PMC9726283.
81. Joo PY, Modrak M, Park N, Brand J, **Rubin LE**, Grauer JN, Bernstein JA. Comparing Venous Thromboembolism Prophylactic Agents After Hip Fracture Surgery: A National Database Study. *J Am Acad Orthop Surg Glob Res Rev*. 2022 Dec 8;6(12):e22.00228. doi: 10.5435/JAAOSGlobal-D-22-00228. PMID: 36732301; PMCID: PMC9746777.
82. Pathak N, Bovonratwet P, Purtill JJ, Bernstein JA, Golden M, Grauer JN, **Rubin LE**. Incidence, Risk Factors, and Subsequent Complications of Postoperative Hematomas Requiring Reoperation After Primary Total Hip Arthroplasty. *Arthroplast Today*. 2022 Dec 14;19:101015. doi: 10.1016/j.artd.2022.08.008. PMID: 36845288; PMCID: PMC9947960.
83. Jayaram RH, Gillinov SM, Caruana DL, Kammien AJ, Joo PY, **Rubin LE**, Grauer JN. Total Hip Arthroplasty Imageless Navigation Does Not Reduce 90-Day Adverse Events or Five-Year Revisions in a Large National Cohort. *J Arthroplasty*. 2022 Dec 15:S0883-5403(22)01088-9. doi: 10.1016/j.arth.2022.12.012. Epub ahead of print. PMID: 36529197.
84. Ani L, Radford Z, **Rubin LE**. Managing Native Hip Protrusio: Simplified Classification and Surgical Recommendations. *Osteology* 2023, 3, 33-46. <https://doi.org/10.3390/osteology3010005>.
85. Spichler-Moffarah A, **Rubin LE**, Bernstein JA, O'Bryan J, McDonald E, Golden M. Prosthetic Joint Infections of the Hip and Knee Among the Elderly: A Retrospective Study. *Am J Med*. 2023 Jan;136(1):100-107. doi: 10.1016/j.amjmed.2022.08.006. Epub 2022 Sep 2. PMID: 36063860.
86. Kebaish KJ, Galivanche AR, Mercier MR, Varthi AG, **Rubin LE**, Grauer JN. Is There Utility to Requiring Spine MRI Pre-authorizations: A Single Institution's Perspective. *Clin Spine Surg*. 2023 Jan 12. doi: 10.1097/BSD.0000000000001422. Epub ahead of print. PMID: 36728293.
87. Ottesen TD, Pathak N, Mercier MR, Kirwin DS, Lukasiewicz AM, Grauer JN, **Rubin LE**. Comparison of Differences in Surgical Complications Between Fellowship-Trained Orthopedic Foot and Ankle Surgeons and All Other Orthopedic Surgeons Using the ABOS Database. *Orthopedics*. 2023 Jan 30:1-7. doi: 10.3928/01477447-20230125-05. Epub ahead of print. PMID: 36719412.
88. Maloy GC, Kammien AJ, **Rubin LE**, Grauer JN. Adverse Events After Total Hip Arthroplasty are not Sufficiently Characterized by 30-Day Follow-Up: A Database Study. *J Arthroplasty*. 2023 Mar;38(3):525-529. doi: 10.1016/j.arth.2022.10.020. Epub 2022 Oct 19. PMID: 36272511.
89. Joo PY, Wilhelm C, Adeclat G, Halperin SJ, Moran J, Elaydi A, **Rubin LE**, Grauer JN. Comparing Race/Ethnicity and Zip Code Socioeconomic Status for Surgical versus Nonsurgical Management of Proximal Humerus Fractures in a Medicare Population. *J Am Acad Orthop Surg Glob Res Rev*. 2023 May 4;7(5):e22.00205. doi: 10.5435/JAAOSGlobal-D-22-00205. PMID: 37141180; PMCID: PMC10162786.
90. Dhodapkar MM, Gouzoulis MJ, Halperin SJ, Radford ZJ, **Rubin LE**, Grauer JN. Urgent Care Visits Sought After Primary Total Hip Arthroplasty: A Potentially Overlooked Resource. *J Arthroplasty*. 2023 May 15:S0883-5403(23)00480-1. doi: 10.1016/j.arth.2023.05.012. Epub ahead of print. PMID: 37196730.

91. Rudisill KE, Ratnasamy PP, Joo PY, **Rubin LE**, Grauer JN. Magnetic Resonance Imaging in the Year Prior to Total Knee Arthroplasty: A Potential Overutilization of Healthcare Resources. *J Am Acad Orthop Surg Glob Res Rev.* 2023 May 19;7(5). doi: 10.5435/JAAOSGlobal-D-22-00262. PMID: 37205731.
92. Halperin SJ, Dhodapkar MM, Radford ZJ, Li M, **Rubin LE**, Grauer JN. Total Knee Arthroplasty: Variables Affecting 90-day Overall Reimbursement. *J Arthroplasty.* 2023 Jun 4:S0883-5403(23)00613-7. doi: 10.1016/j.arth.2023.05.072. Epub ahead of print. PMID: 37279847.
93. Ratnasamy PP, Halperin SJ, Dhodapkar MM, **Rubin LE**, Grauer JN. Emergency Department Visits Following Patellofemoral Arthroplasty. *J Am Acad Orthop Surg Glob Res Rev.* 2023 Nov 10;7(11):e23.00054. doi: 10.5435/JAAOSGlobal-D-23-00054. PMID: 37947430; PMCID: PMC10635600.
94. Halperin SJ, Dhodapkar MM, Radford Z, Frumberg DB, **Rubin LE**, Grauer JN. Patients With Down Syndrome and Total Hip and Total Knee Arthroplasty: Outcome Measures Show Increased Risk of Perioperative Complications. *J Am Acad Orthop Surg Glob Res Rev.* 2023 Dec 6;7(12):e23.00108. doi: 10.5435/JAAOSGlobal-D-23-00108. PMID: 38054749; PMCID: PMC10697628.
95. Ottesen TD, Amick M, Kirwin DS, Mercier MR, Brand J, Frumberg DB, Grauer JN, **Rubin LE**. Increasing Value in Subspecialty Training: A Comparison of Variation in Surgical Complications for Pediatric Versus Other Fellowship-trained American Board of Orthopaedic Surgery Candidates in the Treatment of Supracondylar Fractures. *J Am Acad Orthop Surg Glob Res Rev.* 2024 Jan 22;8(1):e22.00239. doi: 10.5435/JAAOSGlobal-D-22-00239. PMID: 38252550; PMCID: PMC10805463.
96. Sanchez JG, Jiang WM, Dhodapkar MM, Radford ZJ, **Rubin LE**, Grauer JN. Total Hip Arthroplasty in Patients Who Have Factor V Leiden: Elevated Risks Isolated to Venous Thromboembolism Events. *J Arthroplasty.* 2024 Jun 3:S0883-5403(24)00555-2. doi: 10.1016/j.arth.2024.05.083. Epub ahead of print. PMID: 38838962.
97. Smith-Voudouris J, **Rubin LE**, Grauer JN. Risk of Adverse Events Following Total Knee Arthroplasty in Asthma Patients. *J Am Acad Orthop Surg.* 2024 Jun 15;32(12):543-549. doi: 10.5435/JAAOS-D-23-01142. Epub 2024 Apr 18. PMID: 38657178.
98. Jayaram RH, Day W, Gouzoulis MJ, Zhu JR, Grauer JN, **Rubin LE**. Risk Factors for Perioperative Nerve Injury Related to Total Hip Arthroplasty. *Arthroplast Today.* 2024 Jul 24;28:101440. doi: 10.1016/j.artd.2024.101440. PMID: 39139361; PMCID: PMC11320433.
99. Jiang WM, Sanchez JG, Dhodapkar MM, Radford ZJ, **Rubin LE**, Grauer JN. Outcomes Following Total Hip Arthroplasty in Patients Who Have Von Willebrand Disease Depend on Postoperative Anticoagulation. *J Arthroplasty.* 2024 Aug;39(8):2088-2093. doi: 10.1016/j.arth.2024.03.004. Epub 2024 Mar 8. PMID: 38462141.

Books Edited

1. **Rubin LE**, Bal BS, Keggi KJ - *The Direct Anterior Approach for Hip Reconstruction*, 1st edition, SLACK, Inc., 2016
2. **Rubin LE**, Eltorai AE, Daniels AH, Jenkins DR - *Hip Replacement: Experts Answer Your Questions*, Johns Hopkins University Press, 2019
3. **Rubin LE** (Editor in Chief), Bal BS, Moskal JT (Senior Editors), Cooper HJ, Corten K, Gililand J, Manson T, Mason JB (Associate Editors) - *The Direct Anterior Approach for Hip Reconstruction*, 2nd Edition, Wolters Kluwer, 2024

4. **Rubin LE** - Outpatient Arthroplasty and Case Efficiency Using the Direct Anterior Approach, Section VI in The Direct Anterior Approach for Hip Reconstruction, 2nd Edition, Wolters Kluwer, 2024

Book Chapters Authored

1. O'Donnell A, Ritterman S, **Rubin LE**: "Laser Doppler Flowmetry." Chapter 4 in Skeletal Circulation in Clinical Practice. Editor: Aaron RK. Publisher: World Scientific. February 2016. ISBN # 978-981-4713-75-7.
2. Ritterman SA, **Rubin LE**, Keggi KJ: "Managing Single and Multiple Incisions in Direct Anterior Hip Surgery." Chapter 3 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
3. Unger AS, Smith E, Keggi KJ, **Rubin LE**: "Specialized Instruments for the Direct Anterior Approach." Chapter 13 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
4. Ritterman SA, Deren M, **Rubin LE**: "Head and Liner Revision Surgery via the Direct Anterior Approach." Chapter 17 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
5. McClure P, **Rubin LE**, Schiller JR: "Direct Anterior Hip Surgery in Pediatric Patients." Chapter 21 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
6. Ritterman SA, **Rubin LE**: "Limited Exposure Direct Anterior Approach for Treatment of Femoroacetabular Impingement." Chapter 23 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
7. Keggi KJ, **Rubin LE**, Bal BS: "In Closing: The Future of Anterior Hip Surgery." Chapter 34 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
8. **Rubin LE**, Nelson S, Keggi KJ: "Managing Single and Multiple Incisions in Direct Anterior Hip Surgery." Video for Chapter 3 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
9. Unger AS, Smith E, Keggi KJ, **Rubin LE**: "Specialized Instruments for the Direct Anterior Approach." Video for Chapter 13 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
10. **Rubin LE**: "Head and Liner Revision Surgery via the Direct Anterior Approach." Video for Chapter 17 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
11. **Rubin LE**, McClure P, Schiller JR: "Direct Anterior Hip Surgery in Pediatric Patients." Video for Chapter 21 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.
12. **Rubin LE**, Jenkins DR: "Limited Exposure Direct Anterior Approach for Treatment of Femoroacetabular Impingement." Video for Chapter 23 in The Direct Anterior Approach for Hip Reconstruction, Editors: **Rubin LE**, Bal BS, Keggi KJ. Publisher: SLACK, Inc. Release Date: June 2016, ISBN # 10 1-63091-027-9.

13. Deren ME and **Rubin LE**. “Chapter 3 in Preparing for Total Hip Replacement.” Hip Replacement: Experts Answer Your Questions. Editors: Eltorai AE, Daniels AH, Jenkins DR, **Rubin LE**. Johns Hopkins University Press, June 2019. ISBN: 9781421429571 (Hardcover), 1421429578 (softcover), 9781421429595 (electronic).
14. Mason B, Masonis J, **Rubin LE**. Acetabular Revision via the Anterior Approach. Book Chapter for American Academy of Orthopaedic Surgeons, Instructional Course Lectures. 2020: 69: 25-34. PMID 32017716.
15. Nduaguba A, **Rubin LE**, Toombs C, Bal S. Revision Total Knee Arthroplasty with Femoral Bone Loss: Distal Femur Replacement. Chapter 35, pp 1508-17, in: Operative Techniques in Orthopaedic Surgery, 2nd Edition. Editor Sam Weisel. Published 5/2021.
16. Molho D, Pathak N, **Rubin LE**, and Keggi KJ. A Definitive History of the Direct Anterior Approach. Chapter 2 in The Direct Anterior Approach for Hip Reconstruction, Second Edition. Editor in Chief: **Rubin LE**. Senior Editors: Bal BS, Moskal JT. Associate Editors: Cooper HJ, Corten K, Gililland J, Manson T, Mason JB. Publisher: Wolters Kluwer. Release Date: February 2024, IBSN# 1975221974.
17. Arsoy D, Cohen EM, **Rubin LE**. Head and Liner Revision Surgery via the Direct Anterior Approach. Chapter 24 in The Direct Anterior Approach for Hip Reconstruction, Second Edition. Editor in Chief: **Rubin LE**. Senior Editors: Bal BS, Moskal JT. Associate Editors: Cooper HJ, Corten K, Gililland J, Manson T, Mason JB. Publisher: Wolters Kluwer. Release Date: February 2024, IBSN# 1975221974.
18. Adrados M and **Rubin LE**. Hip Resection Arthroplasty via the Direct Anterior Approach. Chapter 29 in The Direct Anterior Approach for Hip Reconstruction, Second Edition. Editor in Chief: **Rubin LE**. Senior Editors: Bal BS, Moskal JT. Associate Editors: Cooper HJ, Corten K, Gililland J, Manson T, Mason JB. Publisher: Wolters Kluwer. Release Date: February 2024, IBSN# 1975221974.
19. Kuether J, Brand J, Molho D, and **Rubin LE**. Trauma: Hip Hemiarthroplasty via the Direct Anterior Approach for Geriatric Fractures. Chapter 35 in The Direct Anterior Approach for Hip Reconstruction, Second Edition. Editor in Chief: **Rubin LE**. Senior Editors: Bal BS, Moskal JT. Associate Editors: Cooper HJ, Corten K, Gililland J, Manson T, Mason JB. Publisher: Wolters Kluwer. Release Date: February 2024, IBSN# 1975221974
20. Schneble CA, Owen TM, Powers MJ, **Rubin LE**. Self-Sufficiency for the Direct Anterior Approach: Using Self-Retaining Retractor Systems. Chapter 46 in The Direct Anterior Approach for Hip Reconstruction, Second Edition. Editor in Chief: **Rubin LE**. Senior Editors: Bal BS, Moskal JT. Associate Editors: Cooper HJ, Corten K, Gililland J, Manson T, Mason JB. Publisher: Wolters Kluwer. Release Date: February 2024, IBSN# 1975221974
21. **Rubin LE**, Bal SB, Moskal JT. Conclusion. Chapter 59 in The Direct Anterior Approach for Hip Reconstruction, Second Edition. Editor in Chief: **Rubin LE**. Senior Editors: Bal BS, Moskal JT. Associate Editors: Cooper HJ, Corten K, Gililland J, Manson T, Mason JB. Publisher: Wolters Kluwer. Release Date: February 2024, IBSN# 1975221974.
22. **Rubin LE**, Ritterman SA, McTighe T. “Neck-Sparing” Total Hip Arthroplasty. Chapter in: Arthroplasty - Update, Prof. Plamen Kinov, Editor, ISBN: 978-953-51-0995-2, InTech, DOI: 10.5772/54830. Available from: <http://www.intechopen.com/books/arthroplasty-update/-neck-sparing-total-hip-arthroplasty>.

Accepted for Peer-Reviewed Journal Publication

1. Vasudevan, RS, Brzezinski, A, Kaszuba, S, Ani, L, Essis, MD, Radford, Z, **Rubin, LE**. Direct anterior approach for femoral neck fractures: Why and How? *JCOT*, (Accepted July 2024).

- Sanchez JG, Jiang WM, Dhodapkar MM, Radford ZJ, **Rubin LE**, Grauer JN. Ninety-day Complication and Readmission Rates for Geriatric Hip Fracture Patients at Different Times Out from COVID-19 Positivity: A Database Study. *The Journal of the American Academy of Orthopaedic Surgeons: Global Research & Reviews*, (Accepted July 29, 2024).

Review Articles

- Ritterman S, **Rubin LE**. Rehabilitation for Total Joint Arthroplasty. *Rhode Island Medical Journal*; 96(5): 19-22. PMID: 23641458. (2013)
- Layton JL, **Rubin LE**, Sweeney JD. Advanced Blood Management Strategies for Elective Joint Arthroplasty. *Rhode Island Medical Journal*; 96(3): 23-5. PMID: 23641434. (2013)
- Ritterman SA, **Rubin LE**. Management of the ‘Young’ Patient with Hip Disease. *Rhode Island Medical Journal*; 96(3): 26-9. PMID: 23641435. (2013)
- Deren ME, Huleatt J, Winkler MF, **Rubin LE**, Salzler MJ, Behrens SB. Assessment and Treatment of Malnutrition in Orthopaedic Surgery. *JBJS Reviews*, 2014 Sep; 2(9): e1. PMID: 27490150. (2014)
- Murgo KT, Ritterman SA, McClure P, **Rubin LE**. Hip Resection Arthroplasty. *JBJS Reviews*. 2014, 2(5): Online. PMID 27500608. (2014)
- Daniels AH, Ritterman SA, **Rubin LE**. “Paralytic Ileus in the Orthopaedic Patient” *Journal of the American Academy of Orthopaedic Surgeons (JAAOS)*, 2015; 23(6): 365-72. PMID: 25917235. (2015)
- Shah KN, Truntzer JN, Romo FT, **Rubin LE**: “Total Joint Arthroplasty in Patients with Human Immunodeficiency Virus.” *JBJS Reviews*, 2016 4(11): e1. PMID: 27922987. (2016)
- Rubin LE**, Blood TD, Defillo-Draiby JC, “Total Hip and Knee Arthroplasty in Patients Older than 80.” *Journal of the American Academy of Orthopaedic Surgeons (JAAOS)*, 2016, 24(10): 683-90. PMID: 27579814. (2016)
- Truntzer J, Jenkins DR, **Rubin LE**: “Total Joint Arthroplasty in Patients with Chronic Infectious Liver Disease” Published Online, *Arthroplasty Today*, 2016, 2(2): 69-76. PMID: 28326402. (2016)
- Li J, **Rubin LE**, Mariano ER. Essential Elements of an Outpatient Total Joint Replacement Programme. *Current Opinion in Anesthesiology. Curr Opin Anaesthesiol*. 2019, 32(5): 643-8. PMID: 31356361. (2019)
- Zhou, L., Rubin, LE, Liu, C. Chen Y. Review: Short Interfering RNA (siRNA)-Based Therapeutics for Cartilage Diseases. *Regen. Eng. Transl. Med.* Published online January 29, 2020. (2021) 7:283–290. <https://doi.org/10.1007/s40883-020-00149-z>. (2020)

Educational Materials

- Rubin LE**, Milewski M. A Resident’s Perspective: Surgical competence and patient safety. *Orthopaedic Medical Legal Advisor*. 2006; 1(3): 6.
- Rubin LE**. Defining the surgical learning curve. *Orthopaedic Medical Legal Advisor*. 2006; 1(2): 4-5.
- Rubin LE**, Friedlaender GE. Adverse events and error disclosure. *Orthopaedic Medical Legal Advisor*. 2007; 2(1): 6-7.
- YNHH Same-Day Total Joint Replacement Booklet, Updated October 2020.
- YNHH Total Joint Replacement Program Booklet, Updated October 2020.
- YNHH Total Joint Replacement Pre-Operative Patient Education Class Slides, Updated August 2024.

Invited Editorials and Commentaries

1. **Rubin LE**, Keggi JM. Editor's Preface: Hip Resurfacing Arthroplasty. Techniques in Orthopaedics 2010; 25(1): 1.
2. **Rubin LE**. Guest Editor's Preface: Arthroplasty of the Lower Extremities: A Special Monograph Volume of the Rhode Island Medical Journal. Rhode Island Medical Journal; 96(3): 14-15.
3. Nelson SJ and **Rubin LE**. "Ask the Experts: What are the top considerations for the table used in Direct Anterior Approach Total Hip Arthroplasty." Published on ICJR.net, February 5, 2018, and Re-Published January 29, 2019. <https://icjr.net/articles/icjr-rewind-what-are-the-top-considerations-for-the-table-used-in-a-daa-tha>
4. **Rubin LE**. "Have you heard about the new Orthopaedic Video Theater (OVT)? AAOS Now, Published online March 1, 2019. <https://www5.aaos.org/aaosnow/2019/mar/youraaos/youraaos04/>
5. Tanaka MJ and **Rubin LE**. "Creating Educational Value for Orthopaedic Surgeons." Doximity Op-Med. Published Online September 13, 2021. https://opmed.doximity.com/articles/creating-educational-value-for-orthopaedic-surgeons?csrf_attempted=yes

Practice Guidelines, Standards and Consensus Statements

1. AAOS Writing Panel for the Appropriate Use Criteria regarding the Clinical Practice Guideline on Hip Osteoarthritis. (www.OrthoGuidelines.org). 2017.

Case Reports, Series, Technical Notes, Letters

1. Miki RA, **Rubin LE**, Kirk J, Dodds SD. Spontaneous septic arthritis caused by Burkholderia Cepacia. Iowa Orthopaedic Journal 2006; 26: 147-50.
2. **Rubin LE**, Miki RA, Taksali S, Bernstein RA. Band saw injury in a butcher. Occupational Medicine 2007; 57: 383-5.
3. **Rubin LE**, Miki RA, Taksali S, Bernstein RA. Metacarpophalangeal collateral ligament reconstruction after band saw amputation: case report with review of MCP anatomy and injury. Iowa Orthopaedic Journal 2008; 28: 53-7.
4. Keggi JM, Kennon RE, **Rubin LE**, Keggi KJ. Correspondence: Isolated Acetabular Liner Exchange. Journal of the American Academy of Orthopaedic Surgeons 2008 16(9): 495
5. Keggi JM, Kennon RE, **Rubin LE**, Keggi KJ. Correspondence: Isolated Acetabular Liner Exchange. Journal of the American Academy of Orthopaedic Surgeons 2008 16(9): 495
6. **Rubin LE**, Yeh PC, Medvecky MJ. Extension loss secondary to femoral-sided "Inverted Cyclops Lesion" after ACL reconstruction. Journal of Knee Surgery 2009; 22: 360-63.
7. **Rubin LE**, Tuttle JR, Ritterman SA. Simultaneous Bilateral Direct Anterior Total Hip Arthroplasty Utilizing a Modular Neck Sparing Arthroplasty Design: Case Report and Literature Review. Reconstructive Review Journal, 2012; 2(2): 67-71.
8. **Rubin LE**, Murgo KT. Brief Report: Total Knee Arthroplasty Performed with Patient-Specific, Pre-Operative CT-Guided Navigation. Rhode Island Medical Journal; 96 (3): 34-7.
9. Anazonwu WA, Goldstein L, Lonks JR, **Rubin LE**. Septic Prepatellar Bursitis Caused by Traumatic Inoculation of Nocardia Nova: Case Report and Literature Review. Journal of Bone and Joint Surgery, Case Connector. 2013 May;3(2):e45 1-3.
10. Vopat BG, Ritterman SA, Kayiaros S, **Rubin LE**. Primary Knee Arthrodesis in Severe Crystalline Arthropathy: Case Report and Literature Review. American Journal of Orthopedics. 42(10): E91-93, October 2013.
11. Cohen E, Hsu RY, Evangelista P, Aaron R, **Rubin LE**. Rapid-Onset Diffuse Skeletal Fluorosis from Inhalant Abuse: A Case Report. JBJS Case Connector, 2014 Nov 26; 4(4): e108.
12. Nacca C, Shah K, Truntzer JN, **Rubin LE**: "Total Knee Arthroplasty in a Patient with Hypofibrinogenemia." Published online, Arthroplasty Today, November 6, 2015.

13. Adrados M, Myhre LA, **Rubin LE**. Late Total Hip Arthroplasty due to Yoga. *Arthroplasty Today*, 2018, 4(2): 180-183. PMID: 29896549.
14. Li J, Perese F, **Rubin LE**, Carlyle D. Effective pain management after total hip arthroplasty in a sickle cell patient emphasizing dexamethasone sodium phosphate/methylprednisolone acetate administered via a peripheral nerve blockade: A case report. *AA Practice*, 2019 Mar 1;12(5):171-175. PMID: 30153113.
15. Brand J, Tyagi V, **Rubin LE**. Total Knee Arthroplasty in Osteogenesis Imperfecta. *Arthroplasty Today*, Published Online 10/22/2018, 5(2): 176-80.
16. Berger GK, Milligan K, Holder EK, Schwab JM, **Rubin LE**. Atypical knee pain. *J Fam Pract*. 2022 May;71(4):181-184. doi: 10.12788/jfp.0404. PMID: 35730713.
17. Jeong S, Yang A, **Rubin LE**, Arsoy D. Management of Bilateral Synchronous Knee Prosthetic Joint Infection in a Patient with Infected Heart Transplant: A Case Report. *JBJS Case Connect*. 2023 Jul 28;13(3). doi: 10.2106/JBJS.CC.23.00182. PMID: 37506219.

Industry Sponsored Activities

1. **Rubin LE**. "Acetabular Implant Selection" "Future Leaders" Acetabular Skills Courses, 11-19-2011, 5-19-2012 DePuy Institute, Raynham, MA.
2. **Rubin LE**, Invited Speaker / KOL. "Trends in the Direct Anterior Approach," DJO Global 2017 National Sales Meeting, January 19-22, Orlando, FL.
3. **Rubin LE**. ADAPT Surgeon Education WebEx. March 23, 2017.
4. **Rubin LE**. TaperFill Vendor Education WebEx. February 23, 2017.
5. **Rubin LE**: Femoral Elevator Hook Design Team, Thompson Surgical Instruments, Traverse City, Michigan.
6. **Rubin LE** and Nogler M, Course Co-Directors. Advanced Direct Anterior Personalized Training (ADAPT) Course, DJO Global, February 10-11, 2017, Las Vegas, NV and November 17-18, 2017, Miami, FL.
7. **Rubin LE**, Course Moderator, Anterior Advantage Standard Table Course, DePuy Synthes, September 12-13, Atlanta, GA.
8. **Rubin LE**, Course Faculty, Anterior Advantage Standard Table, DePuy Synthes Bioskills Lab at AAOS 2021 Meeting, September 2, 2021, San Diego, CA.
9. **Rubin LE**, Project Leader, DePuy Synthes Anterior Advantage Standard Table Updated Technique Guide, 2021.
10. **Rubin LE**, Course Faculty, Anterior Advantage Standard Table, DePuy Synthes Bioskills Lab at AAHKS 2021 Meeting, November 2021, Dallas, TX.
11. **Rubin LE**. Use of the Posterior Joint Distractor for Hybrid Gap Balance Total Knee Arthroplasty. Presentation for Innovative Medical Products at AAHKS 2022, Dallas TX.
12. **Rubin LE**. IMP Young Sales Council: Rising Elite Sales Leaders Training "Utilizing the Universal Distractor for the Hybrid Balancing Technique " Farmington, CT, 8/11/2023.
13. **Rubin LE**, Lead Author: DePuy Synthes Anterior Advantage Standard Table Surgical Technique Guide. Published 8/25/2023.
14. **Rubin LE**. Cadaveric Demonstration of the Thompson Hip Retractor System. at the 2023 International Masters Anterior Course (iMACx23) in Houston, Texas.
15. **Rubin LE**. Self-Retaining Retractor System Concept for Total Knee Arthroplasty. Presentation for Innovative Medical Products & Thompson Surgical Instruments at AAOS 2024, San Francisco, CA.
16. **Rubin LE**, Course Faculty, Anterior Hip Primary and Revision Lab Session, Advantage Standard Table, DePuy Synthes Bioskills Lab at Northeast Arthroplasty Conference, March 23, 2024, Raynham, MA.

17. Yale Orthopaedics Resident Joournal Club, “Ergonomics in Arthroplasty” Sponsored by Innovative Medical Products. Northford, CT, July 25, 2024.
18. Mason JB, Suarez JC, Cohen EM, **Rubin LE**. “Reclaim Monoblock Stem” 50-minute technique overview, surgical video, and case presentation seminar at the 2024 International Masters Anterior Course (iMACx24) in Houston, Texas.
19. **Rubin LE**. Cadaveric Demonstration of the Thompson Hip Retractor System. at the 2024 International Masters Anterior Course (iMACx24) in Houston, Texas.

Patents

1. AEM Eltorai, A Seetharam, LE Rubin. Medical and surgical procedure training system. US Patent App. 16/020,382, Patent Number 11204598, Granted 12-21-2021.

Media Presence

Digital Education Videos

1. **Rubin LE**. “Clinical Use of Tranexamic Acid in Total Joint Replacement.” Video Interview Session, From the 3rd Annual ICJR Direct Anterior Approach Course, 2014.
2. Bezwada HP, **Rubin LE**. “Trends in Hip Arthroscopy and Hip Preservation.” Video Interview Session, From the 3rd Annual ICJR Direct Anterior Approach Course, 2014.
3. Bezwada HP, Goldberg TD, **Rubin LE**. “Understanding the Learning Curve in the Direct Anterior Approach.” Video Interview Session, From the 3rd Annual ICJR Direct Anterior Approach Course, 2014.
4. Molho DA, Kuether JD, **Rubin LE**. “Anatomic Navigation for Acetabular Component Positioning in Direct Anterior Approach Total Hip Arthroplasty.” Submitted to Orthopaedic Video Theater for the 2020 American Academy of Orthopaedic Surgery Meeting, Orlando, FL. (AWARD WINNER)
5. **Rubin LE**. “The Direct Anterior Approach: Neurologic Structures at Risk, Avoiding Lateral Femoral Cutaneous Nerve Neuropraxia,” From the 7th Annual ICJR Direct Anterior Approach Course, 2018. Awarded #4 in the Top 10 Presentations of 2019: www.ICJR.net. <https://icjr.net/articles/the-top-10-presentations-of-2019>.
6. **Rubin LE**. “Spring 2020 Update on the Orthopaedic Video Theater for AAOS Members.” Published on OVT, March 30, 2020.
7. Orthopaedic Video Theater Award, 2021 American Academy of Orthopaedic Surgery Meeting, San Diego, CA. Molho DA, Ani L, Brand J, Kahan JB, Kuether JP, **Rubin LE**. “Direct Anterior Approach for Hip Hemiarthroplasty.”
8. Orthopaedic Video Theater Honorable Mention Award, 2022 American Academy of Orthopaedic Surgery Meeting, Chicago, IL. Molho DA, Kahan JB, **Rubin LE**. “Hybrid Gap Balance Technique for Total Knee Arthroplasty.”
9. **Rubin LE**. “Discussion Q&A: Avoiding and Treating Complications” OrthoBullets, Posted February 1, 2024.
10. **Rubin LE**. “Anterior Hip Hemi-Arthroplasty in 2021: Technique & Outcomes.” OrthoBullets. From 2021 ICJR 10th Annual Direct Anterior Approach Hip Course, Posted July 26, 2022. <https://www.orthobullets.com/video/view?id=104733>
11. **Rubin LE**. “Revision DAA THA: Head and Liner Exchange.: OrthoBullets, From 2021 ICJR 10th Annual Direct Anterior Approach Hip Course, Posted July 22, 2022. <https://www.orthobullets.com/video/view?id=104701>
12. **Rubin LE**. “DAA – Acetabular Exposure: How I do It.” OrthoBullets, From 2023 International Masters Anterior Course, Posted January 15, 2024. <https://www.orthobullets.com/video/view?id=106965>

13. **Rubin LE.** “Avoiding LFCN Injury and Neuropraxia.” OrthoBullets, From 2021 ICJR 10th Annual Direct Anterior Approach Hip Course, Posted July 25, 2022. <https://www.orthobullets.com/video/view?id=104719>
14. **Rubin LE,** DePuy Synthes Anterior Advantage Standard Table Surgical Technique Video. Published via VuMedi Online, 8/25/2023.

Print & Digital Media Mentions

1. Sarah Faulkner. A New Book on an Old Approach to Hip Replacement.” Yale Medicine Magazine, Spring 2016. <https://medicine.yale.edu/news/yale-medicine-magazine/a-new-book-on-an-old-approach-to/>
2. Yale New Haven Hospital Program Changes the game for Hip Fracture Patients. The Register Citizen, April 5, 2017. <https://www.registercitizen.com/news/article/Yale-New-Haven-Hospital-program-changes-the-game-11968200.php>
3. Yale Orthopaedics names Dr. Lee E. Rubin as Chief of Adult Reconstruction Surgery. Yale School of Medicine, April 1, 2019. <https://medicine.yale.edu/news-article/yale-orthopaedics-names-dr-lee-e-rubin-as-chief-of-adult-reconstruction-surgery/>
4. “Over 200 Yale Medicine Physicians make 2019 Best Doctor’s List.” Yale Medicine, June 14, 2019. <https://medicine.yale.edu/news-article/over-200-yale-medicine-physicians-make-2019-best-doctors-list/>
5. Jacqueline Rocheleau. Prolific Publication: One Lab’s Secret to Success.” Yale Medicine, Summer 2019. <https://medicine.yale.edu/news/yale-medicine-magazine/prolific-publication-one-labs-secret-to-success/>
6. Conference Focuses on the Power of Storytelling to make a difference in health care. YNHH Bulletin. June 20, 2019. <https://www.ynhh.org/publications/bulletin/archive/062019/conference-focuses-on-the-power-of-storytelling-to-make-a-difference-in-health-care>
7. Yale Orthopaedics Study Finds High Satisfaction for Patients Using New Tele-Rehabilitation Program. Yale School of Medicine, August 29, 2019. <https://medicine.yale.edu/news-article/yale-orthopaedics-study-finds-high-satisfaction-for-patients-using-new-tele-rehabilitation-program/>
8. Matt O’Rourke. Kidney Dialysis Patients are more likely to face complications following hip fracture surgery. Yale School of Medicine, September 14, 2019. <https://medicine.yale.edu/news-article/kidney-dialysis-patients-are-more-likely-to-face-complications-following-hip-fracture-surgery/>
9. Matt O’Rourke. Yale Orthopaedics & Rehabilitation Matches with First Total Joint Fellow. June 8, 2020. <https://medicine.yale.edu/news-article/yale-orthopaedics-and-rehabilitation-matches-with-first-total-joint-fellow/>
10. What to know about the Coronavirus and Arthritis,” by Meryl Davids Landeau. AARP, June 29, 2020. <https://www.aarp.org/health/conditions-treatments/info-2020/coronavirus-and-arthritis.html?intcmp=HEALTH>
11. Megan Wood. "10k+ direct anterior approach hip surgeries down – Dr. Kristaps Keggi's pioneering career" Becker's Spine, February 22, 2017 <https://www.beckersspine.com/orthopedic-spine-practices-improving-profits/item/35461-10k-direct-anterior-approach-hip-surgeries-down-dr-kristaps-keggi-s-pioneering-career.html>
12. Global Data Healthcare. "Biggest Influencers in Orthopaedics in Q3 2020: The Top Individuals to Follow." Medical Device News, November 6, 2020. <https://www.medicaldevice-network.com/features/biggest-influencers-orthopaedics/>
13. Allen Condon. "10 most influential orthopedic specialists on Twitter in Q3, according to GlobalData" Becker's Spine Review, November 6, 2020.

- <https://www.beckersspine.com/orthopedic/item/50386-10-most-influential-orthopedic-specialists-on-twitter-in-q3-according-to-globaldata.html>
14. Global Data Healthcare. "Top influencers in orthopaedics in Q1 2021: The top individuals to follow." Medical Device News, June 3, 2021. <https://www.medicaldevice-network.com/comment/top-influencers-orthopaedics/>
 15. Laura Dryda. "Top 10 orthopedic surgeon influencers on Twitter." Becker's Spine Review, June 4, 2021. <https://www.beckersspine.com/orthopedic/item/51932-top-10-orthopedic-surgeon-influencers-on-twitter.html>
 16. AAOS Headline News Now. "In Other News: Cerebral Palsy Associated with Increased Risk of 90-day Complications after THA" June 14, 2021.
 17. Maintaining Perspective: Dr. Lee Rubin Reflects on the Pandemic. September 9, 2021. <https://medicine.yale.edu/news-article/maintaining-perspective-lee-rubin-md-reflects-on-the-pandemic/>
 18. AAOS Headline News Now. "Today's Top Story: Study Finds Significantly Lower HCAHPS Scores in Revision versus Primary TJA" January 31, 2022.
 19. Melissa Grafe. New Exhibition on Hip Replacement Surgery: "Innovation & Evolution in Hip Replacement Surgery: Highlights from the Keggi-Rubin Hip Implant Collection at Yale University" February 1, 2022. <https://library.medicine.yale.edu/news/new-exhibition-innovation-evolution-hip-replacement-surgery>
 20. AAOS Headline News Now. "Today's Top Story: Ehlers-Danlos Syndromes are associated with Dislocation, Reduced Implant Survival after THA. February 16, 2022.
 21. Neil P. Sheth, MD, FAAOS, FACS. OVT Review: Direct Anterior approach for Hip Hemiarthroplasty. AAOS Now, April 12, 2022. https://www.aaos.org/aaosnow/2022/apr/clinical/clinical04?mkt_tok=ODQ3LUxUSy0yMDAAAGEAr_0XIKBVSyT89i3shOcLHBxpIT7unbMFZ_Izie7MZuJq65ZbsleroeJQG4REa-3KMcC3k2ffbv_Y2jT3wc3Cv0j-cel8UMUHLAwTVU3ng
 22. Over 390 Yale New Haven Hospital Physicians land on "Top Doctors" List. May 2, 2022. <https://www.ynhh.org/news/over-390-yale-new-haven-hospital-physicians-land-on-top-doctors-list>
 23. 2022 "Top Doctors" List Features 11 Orthopaedics & Rehabilitation Faculty. YSM, May 5, 2022. <https://medicine.yale.edu/news-article/2022-top-doctors-list-features-11-orthopaedics-rehabilitation-faculty/>
 24. Yale Ortho Fellowship Showcase and Passing the Baton. YSM, August 22, 2022. <https://medicine.yale.edu/news-article/yale-ortho-fellowship-showcase-and-passing-the-baton/>
 25. John Ready. Adult Reconstruction Division Welcomes Ansab Khwaja, MD as 2022-23 Total Joint Replacement Surgery Fellow. October 3, 2022. <https://medicine.yale.edu/news-article/adult-reconstruction-division-welcomes-ansab-khwaja-md-as-2022-23-total-joint-replacement-surgery-fellow/>
 26. AAOS Headline News Now. Today's Top Story: "Study Investigates Incidence and Predictors of Hip Dislocation within two years of THA." November 2, 2022.
 27. Holly Thomas. Can you be too old or young for a Hip Replacement? Katie Couric Media, April 18, 2023. <https://katiecouric.com/health/too-old-young-hip-replacement-age/>
 28. 2023 'Top Doctors' List Features Over 250 Yale Medicine Physicians. Yale Medicine. https://www.yalemedicine.org/news/2023-top-doctors-list?fbclid=IwAR3XiJjsMdaEu172uxORFgL9NZzHTki-yqobRW-Vd1D34XCZ0n0nB5oszdwaem_AYzadD92irlOO9jIJD8MjMX73utTqK1fOAhvC35EMSGCrtjJ4D_U7OcaUIGKvkYDHy8

29. Over 370 Yale New Haven Hospital Physicians land on “Top Doctors” List. May 1, 2023. <https://www.ynhh.org/news/over-370-yale-new-haven-hospital-physicians-land-on-top-doctors-list>
30. Hallie Levine. What to do about pain in your knees and Hips. The activities, foods, and other lifestyle steps that can really make a difference. Consumer Reports, August 1, 2023. https://www.consumerreports.org/health/joint-pain/what-to-do-about-pain-in-your-knees-and-hips-a7955291624/?itm_source=parse-api
31. John Ready. Yale Orthopaedics Hosts Japanese Hip Society’s Traveling Hip Fellow. September 18, 2023. <https://medicine.yale.edu/news-article/yale-orthopaedics-hosts-japanese-hip-society-traveling-fellow/>
32. John Ready. Adult Reconstruction Division Welcomes Andrzej Brzezinski, MD as 2023-24 Total Joint Replacement Surgery Fellow. November 18, 2023. <https://medicine.yale.edu/news-article/adult-reconstruction-division-welcome-andrzej-brzezinski-md-as-2023-24-total-joint-replacement-surgery-fellow/>
33. Anna Werner, CBS News & Brett Kelman, KFF Health News. December 5, 2023. Profemur Z total Hip Arthroplasty Failures. Kaiser Family Foundation News. Story was published online and in over 95 US newspapers and print media outlets nationally. <https://kffhealthnews.org/news/article/profemur-artificial-hips-malfunction/>
34. AAOS Headline News Now: Today's Top Story: “THA and TKA Patients with Down Syndrome Have Greater Risk of Perioperative Complications.” December 19, 2023.
35. John Ready. Six Faculty Selected as Research All-Stars by Avant Garde Health. April 10, 2024. <https://medicine.yale.edu/ortho/news-article/six-faculty-selected-as-research-all-stars-by-avant-garde-health/>
36. 2024 ‘Top Doctors’ List Features Over 300 Yale Medicine Physicians. Yale Medicine. <https://www.yalemedicine.org/news/2024-top-doctors-list-yale-medicine-physicians>
37. 2024 “Top Doctors” List Features 15 Orthopaedics & Rehabilitation Faculty. May 2, 2024. <https://medicine.yale.edu/ortho/news-article/2024-top-doctors-list-features-15-orthopaedics-and-rehabilitation-faculty/>
38. Arthroplasty Today (@ArthroToday, “X”): “Celebrating 8000 Followers with 8 of our top most downloaded articles about Arthroplasty in patients with Rare Conditions,” Featured two of my articles: “Total Knee Arthroplasty in Osteogenesis Imperfecta” and “Total Knee Arthroplasty in Hemophilia A”. June 17, 2024.
39. AAOS Headline News Now: Today's Top Story: “TKA Patients with Asthma have Increased Risk of 5-Year Revisions.” June 27, 2024.
40. Claire Wallace. The United States’ “Top 50” Adult Reconstruction Fellowship Programs. Becker’s Orthopedic Review. July 15, 2024. <https://www.beckersspine.com/orthopedic/60078-the-us-top-50-adult-reconstruction-fellowship-programs.html>

Popular Press

1. In Love: A Memoir of Love and Loss. Amy Bloom. Published March 8, 2022.
2. Social Media in Health Care: A Guide to Creating Your Professional Digital Presence, 1st Edition. Mona Shattell, Melissa Batchelor, Rebecca Darmoc. Published by SLACK, Inc. July 15, 2022. (Rubin LE, Reviewer)
3. My Century: A Memoir of War, Peace, and Pioneering in the Operating Room. Kristaps J. Keggi, Published September 18, 2022.
4. The Last Folk Hero: The Life and Myth of Bo Jackson. Jeff Pearlman. Published October 25, 2022. Aftermath: Pages 428-29.

Television Appearances

1. “Modern Hip Replacement Surgery,” Better Connecticut, 3-16-2011, WFSB Hartford, Ch. 3
2. “Boomeritis,” Connecticut Style, 5-5-2011, WTNH New Haven, Channel 8
3. “Waterbury Health Matters: Boomeritis,” 5-19-2011, WATR 1320-AM.
4. Anna Werner, CBS News & Brett Kelman, KFF Health News. December 5, 2023, 7:36 AM EST. CBS National News Investigative Report, Part I: Patients Expected ProFemur Implants to Last, then they Snapped in Half. <https://www.cbsnews.com/news/profemur-artificial-hips-recalled-patients-fractures/?ftag=CNM-00-10aab7e&linkId=253047268>
5. Anna Werner, CBS News & Brett Kelman, KFF Health News. December 6, 2023, 7:36 AM EST. CBS National News Investigative Report, Part II: Patients Expected ProFemur Implants to Last, then they Snapped in Half. https://www.cbs.com/shows/video/ixkDrXNiFxBOfmW9nU9z7BIOTotRFf_D/