

# BRETT R. LEVINE, MD, MS

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## EDUCATION

Harvard Surgical Leadership Program, Boston, MA (May 2021-May 2022)

Coursera Stanford University Machine Learning Course (Online Sept 2020-Jan 2021)

RUSH University Medical Center, Chicago, IL; Adult Reconstruction Fellowship (August 2005-2006)

Hospital for Joint Diseases-NYU, New York, NY; Orthopaedic Residency (July 2001-2005)

R. Adams Cowley Shock Trauma Center, Baltimore, MD; Trauma Rotation (Oct. 2003-March 2004)

NYU Hospital, Bellevue Hospital, NY VA Hospital; Surgical Internship (June 2001)

Georgetown University School of Medicine, Washington, DC; Doctorate of Medicine (May 2000)

Georgetown University, Washington, DC; MS in Physiology and Biophysics *cum laude* (August 1996)

American University, Washington, DC; BS in Chemistry; Minor in Mathematics *cum laude* (May 1995)

## BOARD CERTIFICATION

Board-certified in orthopaedic surgery, subspecialty adult reconstruction (September 2008); Recertification 2018

## ACADEMIC APPOINTMENTS

Professor with interests in Adult Reconstructive Surgery–Rush University Medical Center (Feb 2022-Present)

Associate Professor with interests in Adult Reconstructive Surgery–Rush University Medical Center (April 2016-Feb 2022)

Assistant Professor with interests in Adult Reconstructive Surgery–Rush University Medical Center (August 2008-April 2016)

## LICENSURE

Licensed physician in Illinois State, January 2005 to Present. License No. 036-113094

Licensed physician in New York State, August 2001 to October 2006. License No. 222475

## CURRENT RESEARCH

CoCr vs. Titanium in Total Knee Arthroplasty.

Osteobridge Outcomes for Knee Arthrodesis.

Hip Precautions for Posterior Approach to the Hip: Are they necessary? RCT.

Porous Tantalum Primary Hip Prosthesis: Short-term follow-up.

RCT CCK versus Rotating Hinge in Revision TKA.

Machine Learning to Predict Outcomes after Primary THA and TKA.

Objective and Subjective Evaluation Limb Length Discrepancy Before and After THA.

RVU/Minute Assessment of Revision THA and TKA.

Etiology Variations of Revision TKA and THA: Retrospective study 2009-2019.

## ACHIEVEMENTS

Recipient of the Commitment to Excellence Award for Edward Elmhurst Memorial Hospital (2022)

Inducted into the Hip Society (2021)

Selected as a faculty member for the 2021 AAHKS Spring Meeting (April-May 2021)

Selected to participate in the Level 3 of the AAOS Leadership Institute (March 2021)

Recognized as a volunteer Expert in Orthopaedics from the American Board of Orthopaedic Surgery (2021)

Inducted into the Knee Society (2020)

- Reviewer of The Knee Society Virtual Fellowship Chapters

Selected as Section Editor for AAOS Resident Curriculum (2020)

Selected as Associate Deputy Editor of Arthroplasty Today (2019)

Nominated and inducted into AOA–American Orthopaedic Association (2018)

Represented AAHKS at the Adult Reconstruction Blueprint Exercise for ABOS (2018)

The Israeli Hip and Knee Society Meeting 2018—Chosen to be faculty member, Tel Aviv, Israel

CAOS—Chosen to be faculty at 2018 Annual Congress, Hangzhou City, Zhejiang, China

AAOS—Society Romana de Orthopedie si Traumatologic Instructor (2017), Timisoara, Romania

AAHKS Faculty for Ukrainian Association of Orthopaedics and Traumatology (2017), Kharkiv, Ukraine

Selected to Board of Directors of NYU/HJD Alumni Association (Present)

Completed the AAOS Leadership Fellowship Program 2014-2015

Chair and Organizer of the 2016 Annual CORD Conference, Orlando, FL (March 2016)

Nominated to represent AAOS on the American Joint Replacement Registry Commission (April 2014)

Selected to Leaders in Total Joint Replacement: Generation Next (2014)

Selected to attend the AAHKS Emerging Leaders Conference (2014)

Recipient of one of the Top Young (<40) Arthroplasty Surgeons Award, AAOS 2013

Recipient of Golden Apple, Teacher of the Year Award 2010 and 2015

Member of the American Association of Hip and Knee Surgeons (October 2007; ongoing)

Utilization of HA in Primary and Revision Surgery Learning Centre (May 2007)

Recipient of a 2007 MAOA Education Grant (March 2007)

Serve on Editorial Board for the Journals: Hospital Physician, Journal of Clinical Rehabilitative Tissue Engineering Research, Clinical Orthopaedics and Related Research, Orthopedics, Journal of Knee Surgery, ACTA Biomaterial and NYU/HJD Bulletin (November 2006; ongoing)

Member of the Mid-America Orthopaedic Association (October 2006; ongoing)

Zimmer Revision Hip Arthroplasty course (August 2006)

Recipient of Leonard Marmor Surgical Arthritis Foundation Award, Rush University (June 2006)

Stryker Current Controversies in THA and TKA (September 2005)

Zimmer MIS Hip and Knee Arthroplasty course (July and August 2005)

Johnson & Johnson Basics in Arthroplasty course (August 2002)

Smith and Nephew Orthopaedic Surgical Exposures Course for Residents (May 2002)

AO Basic course for Residents (January 2001)

Fellow of the American Academy of Orthopaedic Surgeons (July 2008; ongoing)

Successfully completed USMLE Steps 1 (June 1998), 2 (March 2000) 3 (January 2001)

Awarded Best Research Project: 13<sup>th</sup> Annual Georgetown University Research Days (March 1999)

Recipient of Georgetown University Summer Research Fellowship (June 1997)

Recipient of the Hammerman Scholarship for First Year Medical Students (July 1996)

## WORK EXPERIENCE

### *Deputy Editor Arthroplasty Today*

Review, assign peer-review and determine outcome for all case reports

Monthly meetings to review workings of open access journal

Publish CME questions and AJRR review annually

### *McGraw-Hill: Editor for Clinical Access On-line*

Edit On-line Question and Answers for Orthopaedics Section

Working on content and development of the On-line Question databank

Flashcard Development for Step 1 Review

### *Adult Reconstruction Service Line Director, Edward-Elmhurst Memorial Hospital Center*

Service Line Director (2014--Present)

Responsible for all aspects of the adult reconstruction service line at EMHC

### *Greatland Home Health Agency, Naperville, IL*

Medical Director and Advisor (2012-2014)

### *Chicago Arthroplasty Alumni Foundation, Chicago, IL*

President and Founder of Alumni Foundation (2010 to Present)

Chief Editor of Quarterly Newsletter

Program Chair for Reunion Meeting (2010, 2012, 2016, 2019)

*Midwest Orthopaedics at Rush, Chicago, IL*

Instructor for M1 Class Rush University–Introduction to Research (2018-2020)

Mentor for Rush Student Research Program (2018-2019)

Guest on Sirius/XM Doctor Radio (Channel 110)–Ask the doctor segment (Present)

Sponsor of the Rush Orthopaedic Interest Group for Students (July 2010–Present)

Associate Professor with interests in Adult Reconstructive Surgery (August 2008 to Present)

Specialize in complex revision hip and knee reconstructions

Associate Residency Program Director (January 2010–Oct 2012)

Residency Program Director (Oct 2012–March 2015)

Medical Student Clerkship Director (March 2015–June 2017)

Associate Fellowship Director in Charge of Education and Research (July 2016-2018)

*Midwest Orthopaedic Center, Peoria, IL*

Attending physician with interests in Adult Reconstructive and Trauma Surgery (August 2006-2008)

Specialize in complex revision hip and knee reconstructions

*New York University Hospital/Hospital for Joint Diseases, New York, NY*

Provided medical attention for patrons of Shea Stadium at the on-site first aid center (July 2002-2005)

Served as on field/court team physician--NYU and High School Sports teams (June 2001-July 2005)

*Georgetown University School of Medicine and Medical Center, Washington, DC*

*Certified Orthopaedic Technician*; Traction set-up, casting, and splint application (August 1993-1998)

*Aadvance Transmissions Inc., Smithtown, NY*

*Automobile Mechanic*; Performed transmission and automotive repairs (June 1990-1993)

## COMMITTEE APPOINTMENTS

AAOS Committee on Evidence-Based Quality and Value (2023)

PhD Dissertation Committee for Michael Godoy

MAOA Abstract Review (2020)

MAOA Education Committee (2020)

Editorial Board Member–Orthopedics (2018)

Editorial Board Member–Journal of Arthroplasty (2017)

NYU/HJD Alumni Board Member (2017-Present)

Chairman of the Patient Education and Public Relations Committee AAHKS (2018-Present)

Vice Chairman of The Patient and Public Education Committee AAHKS (2016-2018)

AAOS Operative Management for Hip Osteoarthritis AUC Work Group Member

AAHKS Research Committee Member (March 2016-2021)

AOA and AAHKS Abstract Review Taskforce (2015-Present)

Mid-America Orthopaedic Association Nomination Committee (2016)

AAOS Hip, Knee and Adult Reconstruction Evaluation and Publications Committee (2016-2021)

AAHKS Patient Education and Social Media Committee Member (2015-2017)

AAOS Operative Management for Knee Osteoarthritis AUC Work Group Member (2015-2016)

AAOS Hip Fracture AUC Work Group Member (2015)

AOA/CORD Surgical Skills Task Force Team Member

MOSS Consortium for Surgical Skills Training Team Member

AAOS representative for American Joint Replacement Registry (AJRR) Review Commission

AAHKS Communication Committee–Emerging Leaders Member: BOS Liaison (2014--2016)

CORD Education Committee Member and Education Liaison (2013-2016)

Rush House Staff Quality Improvement Committee Member (2013-2015)

Host of the OREF Midwest Residents Symposium, May 2013: Rush University Medical Center

2012, 2014, 2016 & 2019 Rush Fellowship Alumni Program Chair

Member of the Rush University Medical Student Curriculum Committee (2012-2014)

Member of the Rush Oak Park Hospital Credentialing Committee (2012-2016)

Member of the Rush Oak Park Hospital Infection Control Committee (2011 - 2016)

Hip Simulator Pilot Project Team Member—AAOS, Rosemont, IL (2011–2016)

Chair of the Adult Reconstruction Instructional Course Subcommittee 2-terms—American Academy of Orthopaedic Surgeons, Rosemont, IL (2010–2014)

Member of the MOR Facilities and Residency Steering Committees (December 2009 to Present)

#### TEACHING EXPERIENCE

*AAOS Innovative Surgical Techniques in Knee Arthroplasty: Early Intervention to Revision, Rosemont, IL*

Faculty and laboratory proctor (October 14-16, 2021)

*Contemporary Approaches—Knee Society Course, Fishers, IN*

Faculty (May 7, 2021)

*AAOS Resident Arthroplasty Course—Co-Chairman for Course, Rosemont, IL*

Faculty and laboratory proctor (April 2016--Present)

*AAOS Resident Arthroplasty Course—Panel discussion and UKA Principles and Techniques. Rosemont, IL*

Faculty and laboratory proctor (April 2016, July 2017)

*AAOS/AAHKS/HS/KS Enhancing Surgical Skills of Revision THA for Orthopaedic Fellows. Rosemont, IL*

Faculty and laboratory proctor (November 2015)

*AAOS Total Joint Arthroplasty for Orthopaedic Residents, Rosemont, IL*

Faculty and laboratory proctor (November 2014)

*AAOS Total Joint Arthroplasty for Orthopaedic Residents, Rosemont, IL*

Faculty and laboratory proctor (April 2014)

*Residency Director and Associate Professor, Rush University Medical Center*

Manage daily and yearly activities and budget of residency program (October 2012 to March 2015)

Chair Steering, Orientation and OITE Committees

Rush M1 and M3 Rotation Director

*Associate Residency Director and Associate Professor, Rush University Medical Center*

Director of Evaluations and Promotions for residency (January 2010 to October 2012)

Editor for Rush Year-in-Review Journal

Manage Faculty-Resident mentor program, Resident-Resident Sibling program and Resident-Medical Student mentor program for Rush Orthopaedics

Clinical Instructor and Research Coordinator for residents, fellows and medical students

Preceptor for visiting medical students and fellows

Program Director for the First Annual Gunnar Andersson OREF-Sponsored Lectureship

OITE proctor

*AAOS Knee Arthroplasty Course, Rosemont, IL*

Faculty and laboratory proctor (October 2008)

*MAOA Breakout Session #11 Co-Moderator, Amelia Island, FL*

Co-moderator for the Knee Arthroplasty Breakout session and MAOA Annual meeting (April 2013)

*AAOS Co-Moderator, Chicago, IL*

Co-moderator for the Adult Reconstruction Knee I: Basic Science Session (March 2013)

#### DISCLOSURES

- Consultant for Link, Zimmer-Biomet and Exactech
- Department has received research funding from Zimmer-Biomet and Artelon

#### RESEARCH GRANTS

- NIH R01 AR070181-01 A2–Corrosion Induced Hip Implant Failure: Synergistic Interactions of Patient, Material, Design and Surgical Factors. September 2016
- Osteoarthritis and Knee pain. Fall 2013 BLR&D and CSR&D Funding–Veterans Affairs Grant.
- The effect of simulator training on clinical performance: a prospective clinical trial. July 2014–American Board of Orthopaedic Surgeons.



## PUBLICATIONS (193)

1. Forte S, D'Alonzo J, Wells Z, **Levine BR**, Sizer S, Deirmengian C. Laboratory-Reported Normal Value Ranges Should Not Be Used to Diagnose Periprosthetic Joint Infection. *Cureus*. 22 Aug 2022;14(8):e28258.doi: 10.7759/cureus.28258. eCollection 2022 Aug.
2. ICM-VTE General Delegates. Recommendations from the ICM-VTE: General. *J Bone Joint Surg Am*. 2022 Mar 16;104(Suppl 1):4-162.doi 10.2166/JBJS.21.01531. Erratum in: *J Bone Joint Surg Am*. 2022 Aug 3;104 (15):e69. PMID: 35315607.
3. Roof MA, **Levine BR**, Schwarzkopf R. The Hidden Cost of Revision Hip and Knee Arthroplasty. *Arthroplast Today*. 2022 Jun 23;16:167-168. Doi: 10.1016/j.artd.2022.05.010. PMID: 35789781.
4. Zavras AG, Fice MP, Dandu N, Rossi DM, Gitelis S, Blank AT, **Levine BR**, Colman MW. Indication for Proximal Femoral Replacement is Associated with Risk of Failure. *J Arthroplasty*. 2022 May;37(5):917-924. Doi: 10.1016/j.arth.2022.01.013. Epub 2022 Jan 13. PMID: 35032605.
5. Nandi S, Schwarzkopf R, Chen A, Seyler T, Wheeler L, Parvizi J, **Levine BR**. AAHKS Research Committee. Routine Pathologic Examination of Femoral Head Specimens from Total Hip Arthroplasty May Not Be Indicated or Cost-effective: A Systematic Review. *Arthroplast Today*. 2-22 May 9;15:182-187.e3. doi: 10.1016/j.artd.2022.03.016. PMID:35774889.
6. Kunze K, Karhade A, Polce E, Schwab J, **Levine BR**. Development and internal validation of machine learning algorithms for predicting complications after primary total hip arthroplasty. *Arch Orthop Trauma Surg*. 4 May 2022. doi: 10.1007/s00402-022-04452-y. Online ahead of print.
7. Gustafson J, Mell S, **Levine BR**, Pourzal R, Lundberg H. Interaction of surface topography and taper mismatch on head-stem modular junction contact mechanics during assembly in modern total hip replacement. *J Orthop Res*. 30 Apr 2022. doi: 10.1002/jor.25357. Online ahead of print.
8. Patel A, Oladipo V, Kerzner B, McGlothlin J, **Levine BR**. A Retrospective Review of Reimbursement in Revision Total Knee Arthroplasty: A Disparity Between Case Complexity and RVU Compensation. *J Arthroplasty*. 10 Mar 2022. Doi: <https://doi.org/10.1016/j.arth.2022.03.025>.
9. Movassaghi K, Patel A, Miller I, **Levine BR**. An Atypical Adverse Local Tissue Reaction After Ceramic-on-Ceramic Primary Total Hip Arthroplasty. *Arthroplast Today*. 2022 Feb 28;14:71-75. Doi: 10.1016/j.artd.2022.01.025. PMID: 35252509.
10. Patel A, Oladipo V, Kerzner B, McGlothlin J, **Levine BR**. A Retrospective Review of Relative Value Units in Revision Total Knee Arthroplasty: A Dichotomy Between Surgical Complexity and Reimbursement. *J Arthroplasty*. 18 Feb 2022. Doi: <https://doi.org/10.1016/j.arth.2022.02.033>.
11. Siddiqi A, **Levine BR**, Springer B. Highlights of the 2021 American Joint Replacement Registry Annual Report. *Arthroplast Today*. 2022 Jan 29; 13:205-207. Doi: 10.1016/j.artd.2022.01.020. eCollection 2022 Feb.
12. Gustafson J, Mell S, **Levine BR**, Pourzal R, Lundberg H. Interaction of surface topography and taper mismatch on head-stem modular junction contact mechanics during assembly in modern total hip replacement. *bioRxiv* 2022.01.20.476985;. doi: <https://doi.org/10.1101/2202.01.20.476985>. Online ahead of print.

13. Kunze K, Polce E, Patel A, Courtney M, Sporer S, **Levine BR**. Machine Learning Algorithms Predict Within One Size of the Final Implant Ultimately Used in Total Knee Arthroplasty with Good-To-Excellent Accuracy. *Knee Surg Sports Traumatol Arthrosc*. 2022 Jan 13. doi: 10.1007/s00167-022-06866-y. Online ahead of print.
14. Dobria P, Patel A, **Levine BR**. Catastrophic Intraoperative Failure of a Ceramic Femoral Head. *Arthroplast Today*. 2021 Oct 8;11:234-238. PMID: 34692961.
15. Gustafson JA, Pourzal R, **Levine BR**, Jacobs JJ, Lundberg HJ. Corrigenda. *Bone Joint J*. 2021 Aug;103B(8):1438. PMID: 34334052.
16. Kunze, K, Polce, E, Patel, A, Courtney PM, **Levine BR**. Validation and performance of a machine-learning derived prediction guide for total knee arthroplasty component sizing. *Arch Orthop Trauma Surg*. 2021 Jul 13. 141, 2235-2244 (2021). <https://doi.org/10.1007/s00402-021-04041-5>
17. **Levine BR**. Fast-Track Unicompartmental Knee Arthroplasty Found to Be Safe and Effective in the Danish National Registry: Commentary on an article by Christian Bredgaard Jensen, BSc(Med), et al.: "Length of Stay and 90-Day Readmission/Complication Rates in Unicompartmental Versus Total Knee Arthroplasty. A Propensity-Score-Matched Study of 10,494 Procedures Performed in a Fast-Track Setup". *J Bone Joint Surg Am*. 2021 Jun 16;103(12):e48. doi: 10.2106/JBJS.21.00178. PMID: 34109941.
18. Springer B, **Levine BR**, Golladay G. Highlights of the 2020 American Joint Replacement Registry Annual Report. *Arthroplast Today*. 2021 Jun 9: 141-142.
19. Wang K, Bernardoni E, Cotter E, **Levine BR**, Frank R. The Impact of Unguided Trauma Simulation Practice on Novice Performance: A Randomized Controlled Trial. *J Am Acad Orthop Surg*. 2021 Mar 15;29(6):255-262. PMID: 32694328.
20. Suleiman L, Manista G, Sherman A, Adhai A, Karas V, Sporer S, **Levine BR**. The Impact of Race and Socioeconomic Status on Total Joint Arthroplasty Care. *J Arthroplasty*. 2021 Mar 5:S0883-5403(21)00242-4. PMID: 33773863.
21. Polce E, Kunze K, Paul K. **Levine BR**. Machine Learning Predicts Femoral and Tibial Implant Size Mismatch for Total Knee Arthroplasty. *Arthroplast Today*. 2021 Feb 26;8:268-277.e2. PMID: 34095403.
22. Heckmann, N, Mayfield CK, Chung B, **Levine BR**. Medicare Cuts to Hip and Knee Arthroplasty Surgeons Fees in 2021: Will Access to Care be Jeopardized? *J Arthroplasty*. ePub 2021 Jan 7. DOI:<https://doi.org/10.1016/j.arth.2021.01.003>
23. **Levine BR**, Springer B, Golladay, G. Highlights of the 2019 American Joint Replacement Registry Annual Report. *Arthroplast Today*. 2020 Dec: 6(4): 998-1000. PMID: 33385041. One should be for 2021?
24. Kerzner B, Kunze K, O'Sullivan MB, Pandher K, **Levine BR**. An Epidemiological Analysis of Revision Aetiologies in Total Hip Arthroplasty at a Single High-Volume Centre. *Bone & Joint Open*. ePub 3 Jan 2021. <https://doi.org/10.1302/2633-1462.21.BJO-2020-0171.R1>
25. Sadauskas A, Engh C, Molly Mehta, **Levine BR**. Implant Interface Debonding After Total Knee Arthroplasty: A New Cause for Concern? *Arthroplast Today*. 2020. ePub ahead of print: <https://doi.org/10.1016/j.artd.2020.07.043>.
26. Sartawi MM, Rhaman H, Kohlmann JM, **Levine BR**. First Reported Series of Outpatient Total Knee Arthroplasty in the Middle East. *Arthroplast Today*. 2020 Dec: 6(4):807-812.
27. North T, Bullock MW, Danoff JR, Fischer SJ, Stronach BM, **Levine BR**. Arthroplasty During the COVID-19 Pandemic. *Arthroplast Today*. 2020 Sep:6(3): 427-430. PMID 32572379.

28. Brown N, Balkissoon R, Saltzman B, Haughom B, Li J, **Levine BR**, Sporer S. Knee Arthrodesis With an Intramedullary Antegrade Rod as a Salvage Procedure for the Chronically Infected Total Knee Arthroplasty. *JAOS Global Access*. [epub ahead of print] 2020 Aug 8.
29. Gustafson JA, Pourzal R, **Levine BR**, Jacobs JJ, Lundberg HJ. Modelling changes in the modular taper micromechanics due to surgeon assembly technique in total hip arthroplasty. *Bone Joint J*. 2020 July; 102-B (7\_Supple\_B):33-40. PMID 32600210.
30. Bohl DB, Etemad-Rezaie A, Locker, P, Sexton AC, **Levine BR**. Impact of Anterior Cruciate Ligament Status on Early Satisfaction and Clinical Outcomes Following Total Knee Arthroplasty. Accepted for publication in *Reconstructive Review*. 2020 Jun 24.
31. Kunze KN, Sadauskas AJ, Kerzner B, **Levine BR**. Two-Stage Primary Arthroplasty of Native Hips and Knees that had Previously Failed Treatment for Septic Arthritis: A Single-Center Experience. *Arthroplasty Today*. 2020 Jun;23:6(3):431-336. PMID 32613049.
32. Cohn M, Tetreault M, Li J, Nahhas C, Kunze K, Michalski, **Levine BR**, Nam D. Is there a Benefit to Modularity for Femoral Revisions When Using a Splined, Tapered Titanium Stem? *J Arthroplasty*. 2020 Jun;35(6S):S278-S283. Doi: 10.1016/j.arth.2019.12.041. [epub ahead of print] 2020 Jan 7. PMID 32067894.
33. Kunze K, Polce EM, Sadauskas AJ, **Levine BR**. Development of Machine Learning Algorithms to Predict Clinically Patient Dissatisfaction after Primary Total Knee Arthroplasty. *J Arthroplasty*. 2020 Jun [e pub ahead of print]. PMID 32564970.
34. Mayfield CK, Haglin JM, **Levine BR**, Della Valle C, Lieberman JR, Heckmann N. Medicare Reimbursement for Hip and Knee Arthroplasty From 2000 to 2019: An Unsustainable Trend. *J Arthroplasty*. 2020 May; 35(5):1174-1178. PMID 31924490.
35. Darrith B, Bohl DD, Karadsheh MS, Sporer SM, Berger RA, **Levine BR**. Periprosthetic Fractures of the Distal Femur: Is Open Reduction and Internal Fixation or Distal Femoral Replacement Superior? *J Arthroplasty*. 2020 May;35(5):1402-1406. Doi: 10.1016/j.arth.2019.12.033. [epub ahead of print] PMID: 31924488.
36. Parvizi J, Gehrke T, Krueger CA, Chisari E, Citak M, Van Onsem S, Walter WL, Abdelaziz H, Abolghasemian MN, Aboltins C, Al Maskari SM, Baldini A, Barnes CL, Basso T, Belden K, Benazzo F, Bhandari M, Bolognesi MP, Bosco JA 3rd, Bozkurt NM, Brown TS, Buttaro M, Carli AV, Catani F, Chen J, Cao L, Choe H, Clohisy JC, de Beaubien B, Della Valle CJ, Diaz-Ledezma C, Dietz MJ, Drago L, Ehrlich GD, Fleischman AN, Ghanem ES, Ghert M, Gomes LSM, Goswami K, Guerra-Farfan E, Higuera CA, Iorio R, Jennings JM, Kim KI, Kjærsgaard-Andersen P, Kunutsor SK, Kyte Lee R, **Levine BR**, Linke P, Malizos KN, Marcelescu CE, Marin-Peña OM, Mears SC, Mihalko WM, Memtsoudis SG, Miller Mont AO, Mullaji A, Lima ALM, Nandi S, Ohlmeier M, Otero JE, Padgett DE, Reed M, Rossi R, Sancheti P, Sandiford NA, Schwaber MJ, Schwarz EM, Schwarzkopf R, Seyler TM, Spangehl MJ, Sporer SM, Springer BD, Sousa R, Tornetta P 3rd, Witso E, Wouthuyzen-Bakker M, Zhou Y. Resuming Elective Orthopaedic Surgery During the COVID-19 Pandemic: Guidelines Developed by the International Consensus Group (ICM). *J Bone Joint Surgery Am*. 2020 July 15:102(14):1205-1212. PMID: 32412924.
37. Campbell K, Louie P, **Levine BR**, Gililland J. Using Patient Engagement Platforms in the Postoperative Management of Patients. *Current Reviews in Musculoskeletal Medicine*. 2020 April.
38. Saxena A, Bullock M, Danoff JR, Rodd DS, Fischer SJ, Stronach BM, **Levine BR**. Educating Surgeons to Educate Patients about the COVID-19 Pandemic. *J Arthroplasty*. 2020 Jul;35 (7s):S65-S67. PMID: 32340829.

39. Bechstedt M, Gustafson JA, Mell SP, Guhrs J, Morlock NM, **Levine BR**, Lundberg HJ. Contact conditions for total hip head-neck modular taper junctions with microgrooved stem tapers. *J Biomech*. 2020 April 16;103:109689. doi: 10.1016/j.biomech.2020.109689. [epub ahead of print]
40. Kunze K, **Levine BR**. Development of Machine Learning Algorithms to Predict Clinically Meaningful Improvement for the Patient Reported Health State after Total Hip Arthroplasty. *J Arthroplasty*. 2020 March 18: S0883-5493(20)30267-9. Doi:10.1016/j.arth.2020.03.19. [epub ahead of print] PMID: 32265141.
41. Gholson JJ, Wallace S, Akram F, Gonzalez, Kunze K, **Levine BR**. Wagner Cone Mid-term Survivorship and Outcomes. *J Arthroplasty*. 2020 Aug;35 (8):2155-2160. PMID 32279943.
42. Tetreault MW, Akram F, Li J, Nam D, Gerlinger TL, Della Valle CJ, **Levine BR**. Are Postoperative Hip Precautions Necessary After Primary Total Hip Arthroplasty Using a Posterior Approach? Preliminary Results of a Prospective Randomized Trial. *J Arthroplasty*. 2020 Jan;35(6S);S246-S251. Doi: 10.1016/j.arth.2020.02.019. Epub 2020 Feb 15. PMID: 32146109.
43. **Levine BR**, Gonzalez Della Valle A, MacDonald S, Callaghan J, Meneghini RM. The modern total knee arthroplasty: What to make of all of these options? *Instr Course Lect*: 2020;69:151-166. PMID: 32017726.
44. Bell J, Jeong A, Bohl, D, **Levine BR**, Della Valle CJ, Nam D. Does peritrochanteric fat thickness increase the risk of early reoperation for infection or wound complications following total hip arthroplasty? *J Orthopaedics*. 2019 Sept-Oct; 16 (5):359-362.
45. Manista GC, Batko BD, Sexton AC, Edminston TA, Courtney PM, Hannon CP, **Levine BR**. Anticoagulation in Revision Total Joint Arthroplasty: A Retrospective Review of 1917 Cases. *Orthopaedics*. 2019 Nov 1;42(6):323-329. Doi: 10.3928/01477447-20190906-02. [epub ahead of print] PMID: 31505013.
46. Calkins TE, Culvern C, Nam D, Gerlinger TL, **Levine BR**, Sporer, S, Della Valle CJ. Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Periprosthetic Joint Infection in Aseptic Revision Total Knee and Hip Arthroplasty: A Randomized Controlled Trial. *J Arthroplasty*. 2020 Feb;35(2):538-543.e1. doi:10.1016/j.arth.2019.09.011. [epub ahead of print] PMID: 31575448.
47. Calkins TE, Culvern C, Nahhas CR, Della Valle CJ, Gerlinger TL, **Levine BR**, Nam D. External Validity of a New Prediction Model for Patient Satisfaction After Total Knee Arthroplasty. *J Arthroplasty*. 2019 Aug;34(8):1677-1681. Doi: 10.106/j.arth.2019.04.021. [epub ahead of print] PMIS: 31056443.
48. Sershon RA, Li J, Calkins TE, Courtney PM, Nam D, Gerlinger TL, Sporer SM, **Levine BR**. Prospective Validation of a Demographically Based Primary Total Knee Arthroplasty Size Calculator. *J Arthroplasty*. 2019 Jul;34(7):1369-1373. Doi: 10.1016/j.arth.2019.02.048. [epub ahead of print] PMID: 30930159.
49. Kunze KN, Akram F, Fuller BC, Choi J, Sporer SM, **Levine BR**. Superior Survivorship for Posterior Stabilized Versus Constrained Condylar Articulations After Revision Total Knee Arthroplasty: A Retrospective, Comparative Analysis at Short-Term Follow-up. *J Arthroplasty*. 2019 Dec;34(12):3012-3017.e1. doi: 10.1016/j.arth.2019.07.008. [epub ahead of print] PMID: 31378508.
50. Blumenfeld, TJ, Spangehl M, Golladay, G, **Levine BR**, Mason B, Bal BS, McGrory B. Peer review in the reporting of clinical trials in *Arthroplast Today*. Jun 5 (2019)133-134. PMID: 31286030.

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36. **Levine BR**: Chapter 20: I have a patient with an infected well-fixed femoral component. How do I remove this without destroying the femoral bone? In Curbside Consultations: THA, Editor Sporer.
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#### PRESENTATIONS (178)

1. "Complex Primary Total Knee Arthroplasty." **Levine BR**. American Academy of Hip and Knee Surgeons Residents Course at 2022 AAHKS Annual Meeting. Dallas, TX. Nov 2022.
2. "Ask the Experts: Revision Knee." Abdel M, Abdeen A, Huddleston J, Molloy R, **Levine BR**, Tandogan N. 2022 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX. Nov 2022.
3. "Changes in Wrought CoCrMo Alloy in the THA Over Time." **Levine BR**. The Hip Society Annual Meeting 2022. Santa Monica, CA. Sept 2022.
4. "The Effect of Surface Geometry on Damage Scores and Contact Mechanics in THA Head-Neck Modular Junctions." **Levine BR**. The Hip Society Annual Meeting 2022. Santa Monica, CA. Sept 2022.
5. "New Technology in Arthroplasty: Cementless TKA." **Levine BR**. AAOS Innovative Techniques in Total Knee Arthroplasty. Rosemont, IL. Sept 2022.
6. "Basic Principles and Planning for Revision TKA." **Levine BR**. AAOS Innovative Techniques in Total Knee Arthroplasty. Rosemont, IL. Sept 2022.



7. *"Managing Periprosthetic Fractures."* **Levine BR**. AAOS Innovative Techniques in Total Knee Arthroplasty Pre-recorded presentation. Rosemont, IL. Sept 2022.
8. *"Evaluating Modern Spacer Options in Revision Knee Arthroplasty."* **Levine BR**. The Knee Society Annual Meeting 2022. Park City, UT. Sept 2022.
9. *"Clinical Effectiveness of Serum D-Dimer in Evaluating Periprosthetic Joint Injections (PJI) in Total Knee Arthroplasty (TKA)."* Patel A, Engh C, **Levine BR**. Mid-American Orthopaedic Association 39<sup>th</sup> Annual Meeting. San Antonio, TX. Apr 2022.
10. *"A Retrospective Review of Relative Value Units in Revision Total Hip Arthroplasty: A Dichotomy Between Surgical Complexity and Reimbursement."* Patel A, Kerzner B, Martini O, **Levine BR**. Mid-American Orthopaedic Association 39<sup>th</sup> Annual Meeting. San Antonio, TX. Apr 2022.
11. *Validation and Performance of a Machine-Learning Derived Prediction Guide for Total Knee Arthroplasty Component Sizing).*" Patel A, Kunze K, Polce E, **Levine BR**. Mid-American Orthopaedic Association 39<sup>th</sup> Annual Meeting. San Antonio, TX. Apr 2022.
12. *Complex Total Hip Arthroplasty Panel. Moderated by W Paprosky.* The Hip Society/AAHKS – The Knee Society/AAHKS. 2022 Specialty Day. American Academy of Orthopaedic Surgeons Annual Meeting 2022. Chicago, IL. March 2022.
13. *"Salvage Options for the Failed Total Knee Arthroplasty."* Schwarzkopf R, **Levine BR**. American Academy of Orthopaedic Surgeons Annual Meeting 2022. Chicago, IL. March 2022.
14. *"A Case Series Evaluating Modern Megaprosthetics for Limb Salvage in Non-Oncologic Patients."* **Levine BR**, Patel A, Oladipo V. 2021 Sir Robert Jones Alumni Reunion, NYU-Langone. NY, NY. November 2021.
15. *"Closed Incision Negative-Pressure Therapy for Revision Total Hip Arthroplasty: A Randomized Control Trial."* Yang J, Terhune EB, DeBenedetti A, Della Valle CJ, Gerlinger TL, **Levine BR**, Nam D. Mid-America Orthopaedic Association 2021 Annual Meeting. Amelia Island, FL. October 2021. (Recipient of Edward D. Henderson, MD Physician Award)
16. *"Plasma D-Dimer Does Not Determine the Fate of Reimplantation in Two-Stage Exchange Arthroplasty."* Pannu TS, Villa JM, Engh III CA, **Levine BR**, Manrique J, Piuze N, Higuera CA, Riesgo AM. Mid-America Orthopaedic Association 2021 Annual Meeting. Amelia Island, FL. October 2021.
17. *"Long-Term Survivorship Performance, and Predictors of Outcome for Patients Undergoing Primary Total Hip Arthroplasty with a Porous Tantalum Femoral Prosthesis."* Akram F, Kunze K, Kerzner B, Gonzalez A, Palacios A, **Levine BR**. Mid-America Orthopaedic Association 2021 Annual Meeting. Amelia Island, FL. September 29 - October 2, 2021.
18. *"Laboratory-Reported Test Cutoffs Do Not Correspond to PJI Scoring System."* D'Alonzo J, Wells Z, Deirmengian C, **Levine BR**, McLaren A, Sizer S. Pennsylvania Orthopaedic Society Virtual Meeting. Hershey, PA. October 2021.
19. *"Indication for Proximal Femoral Replacement is Associated with Risk of Failure."* Zavras A, Dandu N, Fice M, Rossi D, Blank A, Gitelis S, **Levine BR**, Coleman M. 2021 Musculoskeletal Tumor Society Annual Meeting. Baltimore, MD. October 6-8, 2021.

20. *"Spotlight Lecture: Antibiotic Spacers for PJI."* **Levine BR**. Co-Moderator for session. Mid-America Orthopaedic Association 2021 Annual Meeting. Amelia Island, FL. September 29 - October 2, 2021.
21. *"Periprosthetic Fracture."* **Levine BR**. Co-Moderator for session. Mid-America Orthopaedic Association 2021 Annual Meeting. Amelia Island, FL. September 29 - October 2, 2021.
22. *"Options for Perioperative Pain Management."* **Levine BR**. Moderator for session. Mid-America Orthopaedic Association 2021 Annual Meeting Pre-Meeting Course. Amelia Island, FL. September 29 - October 2, 2021.
23. *"A Retrospective Review of Relative Value Units in Revision Total Knee Arthroplasty: A Dichotomy Between Surgical Complexity and Reimbursement."* **Levine BR**. 2021 Members Meeting of The Knee Society. Napa, CA. September 2021.
24. *"The Suboptimal Implementation of a Multicriteria Diagnostic Tool for Periprosthetic Joint Infection can be Enhanced by Alpha-Defensin."* Deirmengian CA, Pour AE, Higuera Rueda CA, **Levine BR**, McLaren AC, Sherman Jr. WF. 2021 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, August 31-September 3, 2021.
25. *"Closed Incision Negative-Pressure Therapy for Revision Total Hip Arthroplasty: A Randomized Control Trial."* Yang J, Terhune EB, DeBenedetti A, Della Valle CJ, Gerlinger TL, **Levine BR**, Nam D. 2021 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, August 31-September 3, 2021.
26. *"Revision THA and TKA."* **Levine BR**. Panel for: The Hip Society/The Knee Society/AAHKS Specialty Society Session at 2021 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, August 31-September 3, 2021.
27. *"Preoperative Planning for Revision TKA–ICL 363."* **Levine BR**. 2021 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, August 31-September 3, 2021.
28. *"Most Common Causes of Primary TKA Failure–ICL 363."* **Levine BR**. 2021 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, August 31-September 3, 2021.
29. *"Residency Masterclass 3: A Conversation with Dr. Brett Levine."* **Levine BR**. Academic Conference. NYU Langone Orthopaedic Conference. Virtual Meeting. May 2021.
30. *"Intraoperative Ligament and Extensor Mechanism Injury Prevention and Management."* **Levine BR**. FOCAL--Fellows Online COVID-19 AAHKS Learning Webinar. February 2021.
31. *"Acetabular Defects and Bone Loss in Revision THA."* **Levine B**. University of Maryland School of Medicine Virtual Grand Rounds. December 2020.
32. *"Development of Machine Learning Algorithms for Predicting Complications After Primary THA."* **Levine BR**, Karhade A, Polce E, Sadauskas A, Schwab J, Kunze K. 30<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 5 – 8, 2020.
33. *"Cementless Total Knee Arthroplasty."* **Levine BR**. AAOS Innovative Techniques in Total Knee Arthroplasty – Early Intervention to Revision: Course 3055. September 26, 2020. Virtual Course.
34. *"Basic Principles Implanting for Revision Total Knee Arthroplasty."* **Levine BR**. AAOS Innovative Techniques in Total Knee Arthroplasty – Early Intervention to Revision: Course 3055. September 26, 2020. Virtual Course.

35. "Video Presentation: How to do a Medial Unicompartmental Knee Arthroplasty." **Levine BR**. AAOS Innovative Techniques in Total Knee Arthroplasty – Early Intervention to Revision: Course 3055. September 26, 2020. Virtual Course.
36. "Considerations in the 2<sup>nd</sup> State Infected Knee Reimplant." **Levine BR**. Webinar sponsored by Link Bio Corp. July 13, 2020.
37. "Part 2 Accountability–Is it a Fellowship versus Residency Responsibility?" **Levine BR**. AOA/CORD Virtual Meeting, June 12, 2020.
38. "Cemented versus Cementless TKA." **Levine BR**, moderated by Nam D. AAHKS FOCAL, April 2020.
39. "Physical Therapy on Postoperative Day Zero Following Total Knee Arthroplasty: A Randomized, Controlled Trial of 394 Patients". Bohl DD, Li J, Calkins TE, Darrith B, Edmiston TA, Nam D, Gerlinger TL, **Levine BR**, Della Valle CJ. Annual Surgical Sciences and Services Research Award Competition. Rush Surgical Society, March 2020.
40. "The Modern TKA: What to make of all of these options? Cemented v. Cementless TKA." **Levine BR**. Instructional Course Lecture at 2020 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24-28, 2020. Accepted, presentation submitted to virtual program.
41. "Effects of Magnitude and Number of Assembly Strikes on Head/Stem Taper Mechanics of Modern Total Hip Arthroplasty." **Levine, BR**, Gustafson, J, Pourzal R, Lundberg H. American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL, March 24-28, 2020. Accepted, presentation submitted to virtual program.
42. "Evaluation and Management of Taper Corrosion." **Levine BR**. 39<sup>th</sup> Annual Meeting of the Israel Orthopaedic Meeting, Tel Aviv, Israel, Dec 11-12, 2019.
43. "Debonding in TKA: Is it Real?" **Levine BR**, Sadauskas A. 39<sup>th</sup> Annual Meeting of the Israel Orthopaedic Meeting, Tel Aviv, Israel, Dec 11-12, 2019.
44. "Trunnionosis: Fake News?" **Levine BR**. 39<sup>th</sup> Annual Meeting of the Israel Orthopaedic Meeting, Tel Aviv, Israel, Dec 11-12, 2019.
45. "Is there a Benefit to Modularity for Femoral Revisions When Using a Splined, Tapered Titanium Stem?" Cohn M, Tetreault M, Li J, Nahhas C, Kunze K, Michalski, **Levine BR**, Nam D. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.
46. "Venous Thromboembolism in Total Hip Arthroplasty," in Schwarzkopf RS, ed: **Levine BR**, Sadauskas AJ. Surgical Insights: Total Hip Arthroplasty [online course]. Rosemont, IL American Academy of Orthopaedic Surgeons, 2019.
47. "Effects of Mismatch Angle and Surface Finish on Assembly Mechanics of Modular Hip Tapers." Gustafson J, **Levine BR**, Pourzal R, Lundberg H. 32<sup>nd</sup> International Congress of ISTA, Oct 2-5, 2019.
48. "One of Multiple Strikes? A Computational Assessment of Modular Taper Assembly in Total Hip Arthroplasty." Gustafson J, **Levine BR**, Pourzal R, Lundberg H. 32<sup>nd</sup> International Congress of ISTA, Oct 2-5, 2019.
49. "Non-Traditional Orthopaedic Residency Applicants: Didn't Match Ortho First Time." **Levine BR**. Summer CORD Conference Presentation. San Diego, CA, June 29, 2019.

50. *"Are Postoperative Hip Precautions Necessary After a Total Hip Arthroplasty via the Posterior Approach? Preliminary results of a prospective randomized trial."* MW Tetrault, T Edmiston, CJ Della Valle, J Li, D Nam, **Levine BR**. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
51. *"Prospective Validation of a Demographically-Based Primary Total Knee Arthroplasty Calculator."* Li J, Sporer SM, **Levine BR**. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
52. *"Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Infection in Aseptic Revision Total Knee or Hip Arthroplasty: Interim analysis of a randomized controlled trial."* Calkins T, Culvern C, Nam D, Gerlinger T, **Levine BR**, Sporer SM, Della Valle CJ. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
53. *"Physical Therapy on Postoperative Day 0 Following Total Knee Arthroplasty: A randomized controlled trial of 394 patients."* Bohl DD, Li J, Calkins TE, Darrith B, Edmiston TA, Nam D, Gerlinger TE, **Levine BR**, Della Valle CJ. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
54. *"Complications of TKA in Obese Patients and their management."* **Levine BR**. AAOS Webinar–Obesity in TKA, April 8, 2019.
55. *"Diagnosis and Management of Pseudotumors and Trunnionosis Including Common Post-operative Complications."* K Fricka, **Levine BR**. Instructional Course Lecture at 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-16, 2019.
56. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice–Building an AS Program."* **Levine BR**. Moderator for: Instructional Course Lecture at 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-16, 2019.
57. *"The Modern TKA: What to make of all of these options? Cemented v. Cementless TKA."* **Levine BR**. Instructional Course Lecture at 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-106, 2019.
58. *"Femoral Offset and Topographical Geometry are More Important Determinants of Taper Damage in Total Hip Modular Junctions than Flexural Rigidity."* McCarthy SM, Kearns SM, Hall DJ, Quigley L, **Levine BR**, Pourzal R, Lundberg HJ. 2019 Annual Meeting of the Orthopaedic Research Society. Austin, TX, February 4, 2019.
59. *"Symposium VIII. Taper Corrosion in Total Hip Arthroplasty: Applying the Best Evidence into Practice."* **Levine BR**. 2018 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 4, 2018.
60. *"Ask the Experts."* Haas SB, Kitt KD, Pagnano MW, Haddad F, **Levine BR**. 2018 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 4, 2018.
61. *"Physical Therapy on Postoperative Day 0 Following Total Knee Arthroplasty: A randomized controlled trial of 394 patients."* Bohl DD, Li J, Calkins TE, Darrith B, Edmiston TA, Nam D, Gerlinger TE, **Levine BR**, Della Valle CJ. 2018 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 4, 2018.
62. *"Can Patients with Arthrofibrosis Following Total Knee Arthroplasty Achieve Comparable Outcomes Following Manipulation Under Anesthesia?"* Courtney PM, Edmiston T, Labran L, Mazzone S, **Levine BR**. 36<sup>th</sup> Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 18-22, 2018.

63. "Can Bundled Payments Be Successful in the Medicaid Population for Primary Joint Arthroplasty?" Courtney PM, Edmiston T, Batko B, **Levine BR**. 36<sup>th</sup> Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 18-22, 2018.
64. "A Novel Automated Text-Messaging Bot is Effective in Patients Undergoing Total Joint Arthroplasty. A prospective randomized controlled trial." Louie P, Bohl D, Campbell K, Edmiston T, **Levine BR**, Gerlinger T. 36<sup>th</sup> Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 18-22, 2018.
65. "The Impact of an Acute, Traumatic Wound Dehiscence on Clinical Outcomes Following Primary and Revision Knee Arthroplasty." Sershon RA, Teclé N, Nam D, Berger RA, **Levine BR**, Della Valle CJ. 36<sup>th</sup> Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 18-22, 2018.
66. Game Changers Session: "Can Bundled Payments Be Successful in the Medicaid Population for Primary Joint Arthroplasty?" Courtney PM, Edmiston T, Batko B, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
67. "A Retrospective Review of a Single Design Rotating Hinge Knee Implant." Bohl DD, Culp BM, Della Valle CJ, Kearns SM, Sporer SM, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
68. "Revision Surgery Alone Does Not Increase Rates of Deep Vein Thromboses and Pulmonary Emboli: An Analysis of Risk Factors for Venous Thromboembolic Events after Total Hip Arthroplasty." Boniello AJ, Courtney PM, Paprosky WG, **Levine BR**, Sheth NP. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
69. "The Impact of an Acute, Traumatic Wound Dehiscence on Clinical Outcomes Following Primary and Revision Knee Arthroplasty." Berger RA, Della Valle CJ, **Levine BR**, Nam D. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
70. "Is There Any Role for Direct Repair of Extensor Mechanism Disruption Following Total Knee Arthroplasty?" Courtney PM, Edmiston T, Pflederer C, **Levine BR**, Gerlinger T. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
71. "A Novel Automated Text-Messaging Bot is Effective in Patients Undergoing Total Joint Arthroplasty. A prospective randomized controlled trial." Courtney PM, Edmiston T, Batko B, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
72. "Patient Preparedness Prior to Total Joint Arthroplasty." Edmiston T, Batko B, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
73. "The Modern TKA: What to make of all of these options? Cemented v. Cementless TKA." **Levine BR**. Instructional Course Lecture at 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
74. "Planning Your TKA—Templating and Imaging." **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
75. "Approaches to the Knee—Getting out and staying out of trouble." **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.

76. "7 Golden Rules to Patella Tracking." **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
77. "Handling Intraoperative Extensor Mechanism Injury." **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
78. "Managing Ligamentous Injuries." **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
79. "Neurovascular Injuries During TKA." **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
80. "Perioperative Optimization of TKA Patients." **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
81. "Can Bundled Payments Be Successful in the Medicaid Population for Primary Joint Arthroplasty?" Courtney PM, Edmiston T, Batko B, **Levine BR**. EOA 48th Annual Meeting, Miami, FL October 18-21, 2017.
82. "Perioperative Optimization of TKA Patients." **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
83. "Acetabular Defects in Revision THA: Indications, techniques and outcomes using porous metallic augments." **Levine BR**. The 110<sup>th</sup> Anniversary of Sytenko Institute and Ukrainian Association of Orthopaedists and Traumatologists, Kharkiv, Ukraine, October 5, 2017.
84. "Management of Bone Defects in Revision TKA: Fixation strategies utilizing porous cones and sleeves." **Levine BR**. The 110<sup>th</sup> Anniversary of Sytenko Institute and Ukrainian Association of Orthopaedists and Traumatologists, Kharkiv, Ukraine, October 5, 2017.
85. "Knee Arthrodesis—Indications, options and outcomes." **Levine BR**. The 110<sup>th</sup> Anniversary of Sytenko Institute and Ukrainian Association of Orthopaedists and Traumatologists, Kharkiv, Ukraine, October 5, 2017.
86. "Intra-articular Knee Injections Prior to Total Knee Arthroplasty: Outcomes and Complications Rates." Kokubun BA, Manista GC, Courtney PM, **Levine BR**. 35<sup>th</sup> Mid-America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 19-22, 2017.
87. "Do Porous Tantalum Metaphyseal Cones Improve Outcomes in Revision Total Knee Arthroplasty?" Bohl D, Brown N, Della Valle C, **Levine BR**, McDowell M, Sporer SM, Paprosky WG. 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
88. "Do Mortality and Complication Rates Differ Between Periprosthetic and Native Hip Fractures." Haughom B, Basques B, Brown N, Della Valle C, Hellman M, **Levine BR**. 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
89. "Patients Exposed to Minimally-invasive Total Knee Arthroplasty Advertising Have False Perceptions." Kazarian G, Deirmengian CD, **Levine BR**. 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.



90. *"Poor Outcomes of Irrigation and Debridement in Acute Periprosthetic Joint Infection with Antibiotic-impregnated Calcium Sulfate Beads."* Flierl M, Culp B, Della Valle C, **Levine BR**, Okroj K, Springer B. 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
91. *"Patient Perceptions of Sleep Quality Before and After Primary Total Joint Replacement."* Manning B, Bohl D, Kearns S, Sporer SM, **Levine BR**. 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017
92. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice—Building an AS Program."* **Levine BR**. Moderator for: Instructional Course Lecture at 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
93. *"Blood Management and Conservation in Total Knee Arthroplasty."* **Levine BR**. Moderator for: Instructional Course Lecture at 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, Mar 14-18, 2017.
94. *"Are Postoperative Hip Precautions Necessary After a Total Hip Arthroplasty via the Posterior Approach? Preliminary results of a prospective randomized trial."* MW Tetrault, T Edmiston, CJ Della Valle, J Li, D Nam, **Levine BR**. 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
95. *"Practical Techniques for Revision Total Hip Arthroplasty—Acetabular and Femoral Component Removal."* **Levine BR**. Instructional Course Lecture at 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
96. *"Acetabular Defects and Revision Total Hip Arthroplasty."* **Levine BR**. Grand Rounds: Northwestern University, Friday, Sept 16, 2016.
97. *"Anti-VEGF Therapy for Inhibition Therapy on Facet Joint Pain."* Hamilton JL, Li X, **Levine BR**, Im HJ. Orthopaedic Research Society Annual Meeting, 2016.
98. *"Perioperative Optimization and Management in Total Joint Arthroplasty."* **Levine BR**. Grand Rounds: University of Chicago—Department of Orthopaedic Surgery, Wednesday Aug 31, 2016.
99. *"How do Patients Determine Physician Satisfaction Rates: A prospective Survey Study."* Petersen KA, Sporer SM, Della Valle C, **Levine BR**. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.
100. *"Investigating the Role of Personality-Based Behavioral Assessments in Orthopedic Residency Match Process."* Bartels DW, Friedman A, **Levine BR**, JD Zuckerman. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.
101. *"Radiographic Predictors of Clinical Outcomes Following Total Knee Arthroplasty."* Alesh H, **Levine BR**. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.
102. *"Patient Perceptions of Sleep Quality Before and After Primary Total Joint Replacement."* Kearns S, Manning B, **Levine BR**. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.
103. *"Periprosthetic Fractures of the Distal Femur: Is ORIF or Distal Femoral Replacement Superior?"* Karadsheh M, Sporer SM, Della Valle C, Berger RA, **Levine BR**. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.

104. *"Which Adverse Events are Associated with Revision Versus Primary Total Joint Arthroplasty?"* Bohl DD, Samuel AM, Lukasiewicz AM, Webb ML, Basques BA, Della Valle CJ, **Levine BR**, JN Grauer. 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
105. *"Timing of Complications Following Total Joint Arthroplasty."* DD Bohl, AM Samuel, ML Webb, AM Lukasiewicz, BA Basques, **Levine BR**, JN Grauer. 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
106. *"The Modern Day Audition Rotation Application Process—Building a Curriculum."* **Levine BR**. CORD Meeting at the AAOS, Orlando, FL, March 1-5, 2016.
107. *"Periprosthetic Acetabular Fractures."* **Levine BR**. Instructional Course Lecture at 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
108. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice—Building an AS Program."* **Levine BR**. Instructional Course Lecture at 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
109. *"Blood Management and Conservation in Total Knee Arthroplasty."* **Levine BR**. Moderator for: Instructional Course Lecture at 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
110. *"Femoral Bone Defects in Revision Total Hip Arthroplasty."* **Levine BR**. Grand Rounds—Michigan State University/Grand Rapids Orthopaedic Surgery Residency, Grand Rapids, MI, February 24, 2016.
111. *"The Effect of Simulation Training on Fluoroscopy Attempts Needed for Accurate K-Wire Placement: A RCT."* Frank RM, Al-Shihabi L, Erickson B, Wysocki RW, **Levine BR**. 2015 AOA Annual Meeting, Providence, RI, Jun 24-27, 2015.
112. *"Does Prior Cartilage Restoration Negatively Impact Outcomes of Knee Arthroplasty?"* Frank RM, Plummer DR, Chalmers PN, Sporer SM, **Levine BR**, Cole BJ, Della Valle CJ. 2015 AOA Annual Meeting, Providence, RI, Jun 24-27, 2015.
113. *"Does Prior Cartilage Restoration Negatively Impact Outcomes of Knee Arthroplasty?"* Frank RM, Plummer DR, Chalmers PN, Sporer SM, **Levine BR**, Cole BJ, Della Valle CJ. 33rd Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
114. *"Do Corticosteroid Injections Increase the Risk of Early Postoperative Complications after THA?"* Hellman MD, Haughom BD, Saltzman BM, Wiegmann AL, Ibrahim I, Gross CE, **Levine BR**. 33rd Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
115. *"Rivaroxaban vs. Warfarin vs. Aspirin for Venous Thromboembolism Prophylaxis after Hip and Knee Arthroplasty."* Manning BT, Medeiros RA, Sutariya SI, Kang V, Erickson BJ, Moric M, Sporer SM, Berger RA, **Levine BR**. 33rd Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
116. *"Periprosthetic Acetabular Fractures."* **Levine BR**. Instructional Course Lecture at 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24-28, 2015.
117. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice—Building an AS Program."* **Levine BR**. Instructional Course Lecture at 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24-28, 2015.



118. *"Blood Management and Conservation in Total Knee Arthroplasty."* **Levine BR**. Instructional Course Lecture at 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24-28, 2015.
119. *"Research and Recommendations on the Diagnosis of PJI have Failed to Reach a Cross-section of Arthroplasty Surgeons."* **Levine BR**, Deirmengian CD. 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 25-28, 2015.
120. *"Does Obesity Affect Short Term Complication Rates and Length of Stay Following Unicompartmental Knee Arthroplasty?"* **Levine BR**, Haughom BD, Schairer WW, Nwachukwu BU, Hellman MD. 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 25-28, 2015.
121. *"Does Neuraxial Anesthesia Decrease the Rate of Postoperative Complications and Blood Transfusions."* **Levine BR**, Haughom BD, Schairer WW, Nwachukwu BU, Hellman MD. 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 25-28, 2015.
122. *"The Use of Trabecular Metal Cones in Complex Primary and Revision Total Knee Arthroplasty."* Brown N, Cooper HJ, Jung E, Sporer SM, Paprosky WG, **Levine BR**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
123. *"Diagnosing Infection in the Setting of Periprosthetic Fractures."* Shah R, Plummer D, Moric M, Sporer SM, Della Valle CJ, **Levine BR**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
124. *"Does Neuraxial Anesthesia Decrease the Rate of Postoperative Complications and Blood Transfusions? an Analysis of 29,452 Primary Total Hip."* **Levine BR**, Haughom BD, Schairer WW, Hellman MD. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
125. *"Does Prior Cartilage Restoration Negatively Impact Outcomes of Knee Arthroplasty?"* Frank RM, Plummer D, Chalmers PC, Sporer S, **Levine BR**, Cole BJ, Della Valle CJ.
126. *"Bearing Surfaces in Total Joint Arthroplasty: The good, the bad, the ugly."* **Levine BR**. 2014 STLE Tribology Frontiers, October 26-28, 2014, Chicago, IL.
127. *"JAAOS Plus Blood Management Strategies for Total Knee Arthroplasty: Intra-operative and Post-operative Strategies."* Callaghan J, Leiberman J, **Levine BR**. JAAOS Webinar, July 23, 2014.
128. *"Diagnosis of Periprosthetic Joint Infection in Revision Hip Arthroplasty with a Metal-on-Metal Bearing or Corrosion."* Yi PH, Cross MB, Moric MM, **Levine BR**, Sporer SM, Paprosky WG, Jacobs JJ, Della Valle CJ. 32nd Annual Mid-America Orthopaedic Association Meeting, San Antonio, TX, April 23-27, 2014.
129. *"The Effect of Payer Type on Clinical Outcomes in Total Knee Arthroplasty."* Rosenthal BD, Hulst JB, Moric MM, **Levine BR**, Sporer SM. 32nd Annual Mid-America Orthopaedic Association Meeting, San Antonio, TX, April 23-27, 2014.
130. *"Perceived Leg Length Discrepancy Following Primary Total Knee Arthroplasty."* **Levine BR**, Goldstein Z, Yi PH, Tetreault MW, Della Valle CJ, Sporer SM. 32nd Annual Mid-America Orthopaedic Association Meeting, San Antonio, TX, April 23-27, 2014.
131. *"An Analysis of References Used for the Orthopedic In-Training Examination."* Haughom BD, Goldstein Z, Yi PH, Frank RM, **Levine BR**. 32nd Annual Mid-America Orthopaedic Association Meeting, San Antonio, TX, April 23-27, 2014.

132. *"Influence of Taper and Trunnion Surface Topography on the Initial Stability of Modular Hip Junctions."* Lundberg HJ, Hall D, Urban R, **Levine BR**, Pourzal R. 2014 Orthopaedic Research Society Meeting, New Orleans, LA, March 17, 2014.
133. *"Weighted Versus Uniform Dose of Tranexamic Acid in Total Knee Arthroplasty: A Randomized Controlled Trial."* **Levine BR**, Belkin MN, Goldstein ZH. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
134. *"Periprosthetic Acetabular Fractures."* **Levine BR**. Instructional Course Lecture at 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
135. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice—Building an AS Program."* **Levine BR**. Instructional Course Lecture at 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
136. *"Blood Management and Conservation in Total Knee Arthroplasty."* **Levine BR**. Instructional Course Lecture at 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
137. *"Milestone Data Aggregation: How do I do it?"* **Levine BR**. CORD Meeting at 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
138. *"Weighted Versus Uniform Dose of Tranexamic Acid in Patients Undergoing Primary, Elective Knee Arthroplasty: A Prospective Randomized Controlled Trial."* **Levine BR**, Belkin MN, Goldstein ZH. 23rd Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2013.
139. *"Ten-Year Outcome of Serum Metal Ion Levels after Primary Total Hip Arthroplasty."* AR Hsu, **Levine BR**, AK Skipor, NJ Hallab, WG Paprosky, J Galante, JJ Jacobs. 31st Annual Meeting of The Mid-America Orthopaedic Association, Amelia Island, FL, April 17-21, 2013.
140. *"Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Hip Arthroplasty."* PN Chalmers, K Hudak, S Sporer, **Levine BR**. 31st Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 17-21, 2013.
141. *"Blood Management and Conservation in Total Knee Arthroplasty."* **Levine BR**. Instructional Course Lecture at 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL, March 19-23, 2013.
142. *"Orthopedic Surgery Residency Application Process: Survey of Graduating Medical Students."* D Biswas, N Verma, W Virkus, **Levine BR**. 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL, March 19-23, 2013.
143. *"Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Hip Arthroplasty."* PN Chalmers, K Hudak, S Sporer, **Levine BR**. 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL, March 19-23, 2013.
144. *"Ten-Year Outcome of Serum Metal Ion Levels after Primary Total Hip Arthroplasty"* **Levine BR**, AR Hsu, AK Skipor, NJ Hallab, WG Paprosky, J Galante, JJ Jacobs. 22nd Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 2-4, 2012.
145. *"Current Management of Hip and Knee Osteoarthritis."* **Levine BR**. Orthopaedics 2012, Munster, IN, September 22, 2012.

146. "Template-Directed Instrumentation in Total Knee Arthroplasty: A Cost Savings Analysis." **Levine BR**. NYU/HJD Alumni Meeting, May 18, 2012, New York, NY.
147. "Metal Ion Levels after a Second Total Joint Arthroplasty." Hsu A, Skipor A, Urban R, Jacobs JJ, **Levine BR**. 30th Annual Meeting of the Mid-America Orthopaedic Association, Bonita Springs, FL, April 18-22, 2012.
148. "Use of a Cementless Tibia in Primary TKA." **Levine BR**. 14th Annual Meeting of the Brazilian Knee Society, Bahahia State, Brazil, March 29, 2012.
149. "Digital Templating in TKA: Use of templating to direct intro-operative instrumentation." **Levine BR**. 14th Annual Meeting of the Brazilian Knee Society, Bahahia State, Brazil, March 29, 2012.
150. "Porous Cones to Treat Bone Defects in Revision TKA." **Levine BR**. 14th Annual Meeting of the Brazilian Knee Society, Bahahia State, Brazil, March 29, 2012.
151. "Use of Antibiotic Spacers in Treated Infected TKA" **Levine BR**. 14th Annual Meeting of the Brazilian Knee Society, Bahahia State, Brazil, March 29, 2012.
152. "Indications/Options for Hip Surgery in Young Patients." **Levine BR**. Rush University Rheumatology Grand Rounds, Chicago, IL October 20, 2011.
153. "Porous Tantalum in Primary Total Hip Arthroplasty." **Levine BR**. 38th Japanese Hip Society Meeting, Kagoshima, Japan October 2011.
154. "Bearing Surfaces in Total Hip Arthroplasty—Current Concepts." **Levine BR**. PAOS 2011 Conference, Chicago, IL, August 16, 2011.
155. "Achieving the Right Fit: Pearls for Balancing and Sizing in Total Knee Arthroplasty." **Levine BR**. PAOS 2011 Conference, Chicago, IL, August 16, 2011.
156. "Template-Directed Instrumentation in Total Knee Arthroplasty: A Cost Savings Analysis." **Levine BR**. 29th Annual Meeting of the Mid-America Orthopaedic Association, Tucson, AZ, April 6-10, 2011.
157. "Metal-on-Metal Revisions: A Review of Causes and a High Incidence of Early Failure." DW Fabi, G Klein, HB Levine, SM Sporer, M Hartzband, WG Paprosky, **Levine BR**. 29th Annual Meeting of the Mid-America Orthopaedic Association, Tucson, AZ, April 6-10, 2011.
158. "Porous Tantalum Cones for Large Bony Defects in Total Knee Arthroplasty." E Jung, SM Sporer, CJ Della Valle, WG Paprosky, **Levine BR**. 29th Annual Meeting of the Mid-America Orthopaedic Association, Tucson, AZ, April 6-10, 2011.
159. "The Science and Metallurgy of New Ingrowth Surfaces." Jacobs JJ, **Levine BR**. 2011 American Academy of Orthopaedic Surgeons—Specialty Day, San Diego CA February 19, 2011.
160. "Varus Remodeling of the Femur in Revision Total Hip Arthroplasty." Foran J, Sporer SM, Della Valle CJ, **Levine BR**, Paprosky WG. 2011 American Academy of Orthopaedic Surgeons Meeting, San Diego, CA, February 16, 2011.
161. "Patients Feel that Orthopaedic Surgeons are Undercompensated for Total Hip and Knee Replacement." Foran J, Sheth N, Sporer SM, Della Valle CJ, **Levine BR**, Paprosky WG. 2011 American Academy of Orthopaedic Surgeons Meeting, San Diego, CA, February 16, 2011.

162. *"Patients Feel that Orthopaedic Surgeons are Undercompensated for Total Hip and Knee Replacement."* Foran J, Sheth N, Sporer SM, Della Valle CJ, **Levine BR**, Paprosky WG. 2010 American Association of Hip and Knee Surgeons Annual Meeting, Dallas, TX, November 5-7, 2010.
163. *"Varus Remodeling of the Femur in Revision Total Hip Arthroplasty."* Foran J, Sporer SM, Della Valle CJ, **Levine BR**, Paprosky WG. 2010 American Association of Hip and Knee Surgeons Annual Meeting, Dallas, TX, November 5-7, 2010.
164. *"Fretting Corrosion and Fracture of Modular Neck-Body Junctions in Dual-Modular Total Hip Arthroplasty."* **Levine BR**, Urban RM, Gilbert JL, Hall DL, Sporer SM, Galante JO, Jacobs JJ. 2010 NYU/HJD Alumni Association Meeting, New York, NY, May 14, 2010.
165. *Use of Knotless Suture for Closure of Total Hip and Knee Arthroplasty: A Prospective-Randomized Clinical Trial."* **Levine BR**, N Ting, Mario, CJ Dell Valle. 28th Annual Meeting of the Mid-America Orthopaedic Association, Lost Pines, TX, April 21-24, 2010.
166. *"Fretting Corrosion and Fracture of Modular Neck-Body Junctions in Hip Replacement Femoral Components."* Urban RM, Gilbert JL, Hall DL, **Levine BR**, Sporer SM, Galante JO, Jacobs JJ. 2010 American Academy of Orthopaedic Surgeons Meeting, New Orleans, LA, March 9-13, 2010.
167. *"The Accuracy of Digital Templating in Total Hip and Knee Arthroplasty"* **Levine BR**, J Troyer, C Deirmengian. 2009 NYU/HJD Alumni Association Meeting, New York, NY May 9, 2009.
168. *"The Science of Highly Porous Metals."* **Levine BR** and JJ Jacobs. AAHKS/AAOS Cutting Edge Developments and Controversies in Total Joint Arthroplasty, Rosemont, IL, May 1, 2009.
169. *"Porous Metals in Orthopedic Applications."* **Levine BR**. 11th Symposium on Biomaterials and Biomechanics, Essen, Germany, March 7, 2009.
170. *"Porous Tantalum in Revision Hip and Knee Arthroplasty: Indications, Techniques, and Clinical Outcomes."* **Levine BR**. Louisville Orthopedic Society, Louisville, KY, August 18, 2008.
171. *"Closure of Hip Fracture Wounds Using a Topical Adhesive Without a Surgical Dressing: Reduction in Post-operative Tape Blisters."* **Levine BR**, Deirmengian CG, Evangelista G. 2008 NYU/HJD Alumni Association Meeting, New York, NY, May 9, 2008.
172. *"The Accuracy of Preoperative Digital Templating in Primary Total Hip and Knee Arthroplasty."* **Levine BR**, Deirmengian CG, Mulvey T. 26th Annual Meeting of the Mid-America Orthopaedic Association, Champions Gate, FL, April 19, 2008.
173. *"Use of the Extended Trochanteric Osteotomy in Treating Periprosthetic Infection: A 3.5 year follow-up study."* **Levine BR**, Della Valle CJ, Sporer SM, Rosenberg AG, Paprosky WG. 26th Annual Meeting of the Mid-America Orthopaedic Association, Champions Gate, FL, April 19, 2008.
174. *"A New Era in Porous Metals: Biomaterial properties and applications of porous tantalum in Orthopaedic Surgery."* **Levine BR**. 5th Int'l Conference on Porous Metals and Metallic Foams, Montreal, Canada, September 6, 2007.
175. *"The Use of an Unconstrained Tripolar Articulation for Revision Total Hip Arthroplasty."* **Levine BR**, Deirmengian CA, Della Valle CJ, Sporer SM, Weeden SH, Paprosky WG. 25th Annual Meeting of the Mid-America Orthopaedic Association, Boca Raton, FL, April 15, 2007.

176. *"The Use of the Extended Trochanteric Osteotomy in Treating Vancouver B2/3 Periprosthetic Femur Fractures."* **Levine BR**, P Lewis, CJ Della Valle, SM Sporer, RA Berger, WG Paprosky. 25th Annual Meeting of the Mid-America Orthopaedic Association, Boca Raton, FL, April 15, 2007.
177. *"The Use of the Extended Trochanteric Osteotomy in Treating Periprosthetic Infection"* **Levine BR**, M Hamming, CJ Della Valle, SM Sporer, RA Berger, WG Paprosky. Rush University Thesis Day, Chicago, IL, June 30, 2006.
178. *"Return to Sports after Total Hip Arthroplasty: The impact of alternative bearings and MIS."* **Levine BR**, E Strauss, G Klein, P DiCesare, and J D'Antonio. NYU/HJD Research Presentation, NY, NY May 15, 2005.

#### POSTERS (102)

1. *"Examining the Impact of Antibiotic-Loaded and Highly Viscous Cement on Mechanical and Infectious Outcomes in Primary Total Knee Arthroplasty."* Oladipo V, Gordy BS, Owen G, Paprosky W, Sporer S, **Levine BR**. 2022 American Academy of Hip and Knee Surgeons Annual Meeting. Dallas, TX. Nov 2022.
2. *"Validating a Decision-Making Algorithm for Debridement, Antibiotics and Implant Retention in Total Knee Arthroplasty."* Tibbo M, Oladipo V, Jones C, Guntin J, **Levine BR**. 2022 American Academy of Hip and Knee Surgeons Annual Meeting. Dallas, TX. Nov 2022.
3. *"A Retrospective Review of Relative Value Units in Revision Total Hip Arthroplasty: A Dichotomy Between Surgical Complexity and Reimbursement."* Patel A, Kerzner B, Takatsuka A, **Levine BR**. Mid-American Orthopaedic Association 39<sup>th</sup> Annual Meeting. San Antonio, TX. Apr 2022.
4. *"Assembly Load and Angular Mismatch Influence THR Head-Neck Modular Junction Contacts Mechanics in Ceramic Head Tapers: A Computational Analysis."* Ovoshchnikov D, Gustafson J, **Levine BR**, Pourzal R, Lundberg H. Orthopaedic Research Society Annual Meeting. Tampa, FL. February 2022.
5. *"Infection Prophylaxis in High Risk TJA: Preliminary Report of Randomized Controlled Trial."* Muthusamy N, Chen A, Long W, Teo G, Higuera C, Emara A, Piuze N, Cooper J, **Levine BR**, Schwarzkopf. 31<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 11-14, 2021.
6. *"A Retrospective Review of Relative Value Units in Revision Total Knee Arthroplasty."* Patel A, Kerzner B, McGlothlin D, Levinson J, **Levine BR**. 31<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 11-14, 2021.
7. *"Effectiveness of a D-Dimer in Evaluating Periprosthetic Joint Infections in Total Knee Replacement."* Patel A, Engh C, **Levine BR**. 31<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 11-14, 2021.
8. *"True versus Reported Revision Etiology in Revision Total Knee Arthroplasty: A Retrospective Analysis."* Patel A, Kerzner B, Kunze K, **Levine BR**. 31<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 11-14, 2021.
9. *"Clinical Effectiveness of Serum-D-Dimer in Evaluating Periprosthetic Joint Infections."* Engh, C, Patel A, Sadauskas A, **Levine BR**. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. August 31-September 3, 2021.

10. *"Indication for Proximal Femoral Replacement is Associated with Risk of Failure."* Blank AT, Colman MW, Dandu N, Fice MP, Gitelis S, **Levine BR**, Zavras AG. Scientific paper, presented at the American Academic of Orthopaedic Surgeons 2021 Annual Meeting, San Diego, CA. August 2021.
11. *"Long-Term Survivorship Performance, and Predictors of Outcome for Patients Undergoing Primary Total Hip Arthroplasty with a Porous Tantalum Femoral Prosthesis."* Akram F, Kunze K, Kerzner B, Gonzalez A, Palacios A, **Levine BR**. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. August 31-September 3, 2021.
12. *"Manipulation Under Anesthesia in Primary Total Knee Arthroplasty: A Matched Cohort Comparison Study."* Shekailo P, Kunze K, Edmiston T, Courtney PM, Sporer S, Della Valle C, **Levine BR**. American Academy of Orthopaedic Surgeons Annual Meeting. San Diego, CA. August 31-September 3, 2021.
13. *"Clinical Effectiveness of Serum D-Dimer in Evaluating Periprosthetic Joint Infections (PJI)."* Engh III C, Sadauskas A, Akram F, **Levine BR**. 30<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 5 – 8, 2020.
14. *"Machine learning prediction of TKA component size is superior to experienced surgeon templating."* Kunze K, Polce E, Paul K, **Levine BR**. 30<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 5 – 8, 2020.
15. *"Closed Incision Negative-Pressure Therapy for Revision Total Hip Arthroplasty: A Randomized Control."* Terhune E, DeBenedetti A, Della Valle CJ, Gerlinger T, **Levine BR**, Nam D, Yang J. 30<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 5 – 8, 2020.
16. *"Plasma D-Dimer Does Not Determine the Fate of Reimplantation in Two-Stage Exchange Arthroplasty."* Villa J, **Levine BR**, Manrique J, Piuuzzi N, Higuera, Riesgo A, Engh III C, Pannu T. 30<sup>th</sup> Annual Meeting of the American Academy of Hip and Knee Surgeons. Dallas, TX. November 5 – 8, 2020.
17. *"Plasma D-Dimer Does Not Determine the Fate of Reimplantation in Two-Stage Exchange Arthroplasty."* Villa J, **Levine BR**, Manrique J, Piuuzzi N, Higuera, Riesgo A, Engh III C, Pannu T. 30<sup>th</sup> Annual Open Scientific Meeting of the Musculoskeletal Infection Society – Virtual Web-Based. August 2020.
18. *"Incidence of Tibial Radiolucencies and Implant Survivorship in Primary Total Knee Arthroplasty: Retrospective Comparison Between Titanium and Cobalt Chromium Tibial Trays."* Akram F, Sutter G, Miller A, Junwei L, Budweg J **Levine BR**. American Academy of Orthopaedic Surgeons Annual Meeting. March 2020. Presented as an e-poster.
19. *"Which Surgical and Implant Design Factors Most Influence Modular Hip Taper Contact Mechanics?"* Gustafson J, Pourzal R, Jacobs JJ, **Levine BR**, Lundberg H. Orthopaedic Research Society Annual Meeting, Phoenix, AZ, February 8-11, 2020.
20. *"Medicare Reimbursement for Hip and Knee Arthroplasty from 2000-2018: An Unsustainable Trend."* Mayfield C, Haglin JM, **Levine BR**, Della Valle CJ, Leiberman J, Heckmann ND. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.
21. *"Are Postoperative Hip Precautions Necessary After Primary Total Hip Arthroplasty Using a Posterior Approach? Preliminary Results of a Prospective Randomized Trial."* Tetreault M, Akram F, Li J, Nam D, Gerlinger T, Della Valle CJ, **Levine BR**. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.



22. *"Patient Demographics Can Help Predict Femoral Stem Implant Size in Total Hip Arthroplasty."* Sutter EG, Akram F, Culvern C, **Levine BR**. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.
23. *"Effects of Magnitude and Number of Assembly Strikes on Head/Stem Taper Mechanics of Modern Hip Arthroplasty"* **Levine BR**, Gustafson J, Jacobs JJ, Pourzal R, Lundberg H. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.
24. *"Wagner Cone Mid-term Survivorship and Outcomes."* Gholson JJ, Wallace S, Akram F, Gonzalez, Kunze K, **Levine BR**. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.
25. *"Reinfection or Persistence of PJI? Next Generation Sequencing Reveals New Findings."* Goswami K, Phillips C, Purtill JJ, Courtney PM, Dennis D, Malkani AL, Klatt BA, Goyal N, Smith EL, Pelt CE, Palumbo B, Minter J, Lee G, Cross M, Prieto H, Parvataneni H, Higuera C, **Levine BR**, Nam D, Della Valle C, Parvizi J, Orthopedic Genomics Workgroup. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.
26. *"Microbiome of the Osteoarthritic Hip and Knee Joint: A Prospective Multicenter Investigation."* Goswami K, Phillips C, Purtill JJ, Courtney PM, Dennis D, Malkani AL, Klatt BA, Goyal N, Smith EL, Pelt CE, Palumbo B, Minter J, Lee G, Cross M, Prieto H, Higuera C, **Levine BR**, Nam D, Della Valle C, Parvizi J, Orthopedic Genomics Workgroup. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.
27. *"Is There a Benefit to Modularity for Femoral Revisions When Using a Splined, Tapered Titanium Stem?"* Cohn M, Tetreault M, Le J, Nahhas C, Kunze K, Michalski J, **Levine BR**, Nam D. 2019 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 6-9, 2019.
28. *"Internal Validation of a Predictive Model for Complications After Total Hip Arthroplasty."* Li J, **Levine BR**. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
29. *"Midlevel Providers in Orthopedic Surgery: The patient's perspective."* Manning B, Sporer SM, Paprosky W, **Levine BR**. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
30. *"External Validity of a New Prediction Model for Patient Satisfaction After Total Knee Arthroplasty."* Calkins T, Li J, Nam D, Della Valle CJ, **Levine BR**. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
31. *"Evaluation of Obesity Measures in Relation to Clinical Outcomes in Total Knee Arthroplasty: A prospective study."* Pflедerer C, Li J, **Levine BR**. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
32. *"Internal Validation of a Predictive Model for Complications after Total Hip Arthroplasty."* Kunze K, Li J, Movassahgi K, Sporer SM, **Levine BR**. 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-16, 2019.
33. *"Impact of Anterior Cruciate Ligament Status on Early Satisfaction and Clinical Outcomes Following Total Knee Arthroplasty."* Bohl DB, Etemad-Rezaie A, Locker, P, Sexton AC, **Levine BR**. 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-16, 2019.
34. *"Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Infection in Aseptic Revision Total Knee or Hip Arthroplasty: A randomized controlled trial."* Calkins TE, Culvern C, Gerlinger TL, Nam D, Sporer SM, **Levine BR**, Della Valle CJ. 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-16, 2019.

35. *"Physical Therapy on Postoperative Day 0 Following Total Knee Arthroplasty: A randomized controlled trial of 394 patients."* Bohl DB, Calkins TE, Darrith B, Nam D, Edmiston T, Gerlinger TE, Li J, **Levine BR**, Della Valle CJ. 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-16, 2019.
36. *"Femoral Offset is a More Important Determinant of Taper Damage in Total Hip Modular Junctions than Flexural Rigidity."* Kearns SM, Hall DJ, McCarthy SM, Urban RM, Pourzal R, **Levine BR**, Lundberg HJ. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
37. *"Dilute Betadine Lavage Reduces the Risk of Acute Postoperative Infection in Aseptic Revision Total Knee or Hip Arthroplasty: A randomized controlled trial."* Calkins TE, Culvern C, Gerlinger TL, Nam D, Sporer SM, **Levine BR**, Della Valle CJ. 2018 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 2-4, 2018.
38. *"Interobserver Reliability and Interobserver Reproducibility of the Anderson Orthopaedic Research Institute (AORI) Radiographic Classification for Bone Loss in Revision Total Knee Surgery."* Karas V, Li J, Culvern C, Angerame M, Della Valle CJ, Dennis D, **Levine BR**, Della Valle CJ. 2018 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 2-4, 2018.
39. *"Internal Validation of a Predictive Model for Complications after Total Hip Arthroplasty."* Kunze K, Li J, Movassahgi K, Sporer SM, **Levine BR**. 2018 Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 2-4, 2018.
40. *"Radiographic and Clinical Outcomes for Total Hip Arthroplasty Patients with Previous Lumbar Spinal Fusion."* Phan D, Kearns SM, Li J, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
41. *"Clinical Outcomes and Survivorship of Lateral Unicompartmental Knee Arthroplasty: Does surgical approach matter?"* Edmiston TA, Manista GC, Courtney PM, Sporer SM, Della Valle CJ, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
42. *"Anticoagulation Chemoprophylaxis and the Rate of Postoperative Complications in Revision Total Joint Arthroplasty."* Edmiston TA, Manista GC, Courtney PM, Batko BD, Hannon CP, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
43. *"Can Patients with Arthrofibrosis Following Total Knee Arthroplasty Achieve Comparable Outcomes Following Manipulation Under Anesthesia?"* Edmiston TA, Manista GC, Courtney PM, Labaran L, Mazzone S, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
44. *"Can Demographic Variables Accurately Predict Component Sizing in Primary Total Knee Arthroplasty?"* Sershon RA, Li J, Rosenthal BD, Courtney PM, Sporer SM, **Levine BR**. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
45. *"High Rate of Failure Following Revision of a Failed Constrained Liner."* Hellman MD, Kaufman D, Sporer SM, Della Valle CJ, **Levine BR**, Paprosky WG. 2018 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 6-10, 2018.
46. *"Clinical Outcomes and Survivorship of Lateral Unicompartmental Knee Arthroplasty: Does surgical approach matter?"* Edmiston TA, Manista GC, Courtney PM, Sporer SM, Della Valle CJ, **Levine BR**. 36<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, San Antonio, TX, April 18-22, 2018.



47. *"Impact of Anterior Cruciate Ligament Status on Early Satisfaction and Clinical Outcomes Following Total Knee Arthroplasty."* Edmiston TA, Kearns S, Etemad-Rezaie A, Frank R, Bohl DD, **Levine BR**. 2017 Mid- America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 19-22, 2017.
48. *TOP POSTER AWARD: "Poor Outcomes of Irrigation and Debridement in Acute Periprosthetic Joint Infection with Antibiotic-impregnated Calcium Sulfate Beads."* Flierl M, Culp B, Della Valle C, **Levine BR**, Okroj K, Springer B. 2017 Mid-America Orthopaedic Association Annual Meeting, Amelia Island, FL, April 19-22, 2017.
49. *"Outcomes of Cementless Tibial Fixation in Primary Total Knee Arthroplasty."* Behery O, Kearns S, Rabinowitz J, **Levine BR**. 2017 Annual Meeting of American Academy of Orthopaedic Surgeons (AAOS). San Diego, CA, March 14-18, 2017.
50. *"Rivaroxaban versus Warfarin versus Aspirin for Venous Thromboembolism Prophylaxis Following Primary Total Joint Arthroplasty."* Manning BT, Medeiros RA, Erickson BJ, Sutaria SI, Kang V, Moric M, Berger RA, Sporer SM, **Levine BR**. 2017 Annual Meeting of American Academy of Orthopaedic Surgeons (AAOS). San Diego, CA, March 14-18, 2017.
51. *"Do Mortality and Complication Rates Differ Between Periprosthetic and Native Hip Fractures?"* Haughom B, **Levine BR**, Della Valle CJ. 26th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 11-13, 2016.
52. *Patient Perceptions of Sleep Quality Before and After Primary Total Joint Arthroplasty."* Manning BT, Kearns S, Bohl DD, Edmiston T, Medeiros RA, Sporer SM, **Levine BR**. 26th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 11-13, 2016.
53. *"A Retrospective Review of Rotating Hinge Knee Arthroplasty Outcomes."* Petersen K, Sporer SM, Della Valle C, Culp B, **Levine BR**. 2016 Mid -America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17, 2016.
54. *"An Analysis of the Orthopaedic In-Training Examination Journal References: Have They Changed 10 Years Later?"* Haughom BD, Hellman MD, **Levine BR**. 2015 Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
55. *"The Effect of Simulation Training on Fluoroscopy Attempts Needed for Accurate K-Wire Placement: A RCT."* Frank RM, Al-Shihabi L, Erickson B, Wysocki RW, **Levine BR**. 2015 Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
56. *"Non-Modular, Fluted, Tapered, Grit-Blasted Titanium-Alloy Revision Stems: Early North American Results."* Hellman MD, Haughom BD, **Levine BR**. 33rd Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015
57. *"Perceived Leg Length Discrepancy Following Total Knee Arthroplasty."* Yi PH, Goldstein Z, Tetreault MW, Sporer SM, **Levine BR**. 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 25-28, 2015.
58. *"An Assessment of the Short-Term Morbidity and Mortality Following Patellofemoral Arthroplasty."* B Haughom, Schairer WW, M Hellman, Nwachukwu BU, **Levine BR**. 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 25-28, 2015.
59. *"Do Corticosteroid Injections Increase the Risk of Early Post-operative Complications after Total Hip Arthroplasty."* Hellman MD, Haughom BD, Saltzman BM, Wiegmann AL, Ibrahim I, Gross CE, **Levine BR**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.

60. *"Does Gender Impact Transfusion Rates with Tranexamic Acid Following Knee Arthroplasty."* Haughom BD, Hellman MD, Ibrahim I, Belkin MN, **Levine BR**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
61. *"Perceived Leg Length Discrepancy Following Total Knee Arthroplasty."* Yi PH, Goldstein Z, Tetreault MW, Sporer SM, **Levine BR**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
62. *"Does Prior Cartilage Restoration Negatively Impact Outcomes of Knee Arthroplasty?"* Frank RM, Plummer DR, Chalmers PN, Sporer SM, **Levine BR**, Cole BJ, Della Valle CJ. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
63. *"Research and Recommendations Regarding the Diagnosis of PJI have Failed to Reach a Cross-section of Arthroplasty Surgeons."* C Deirmengian, G Deirmengian, **Levine BR**. MSIS Open Scientific Meeting. 2014.
64. *"The Effect of Simulator Training on Safety and Clinical Performance of Common Upper Extremity Procedures."* RM Frank, L Al-Shihabi, B Erickson, R Wysocki, **Levine BR**. COA/AOA-CORD Meeting, Montreal, Canada, June 20-21, 2014.
65. *"Synovial Inflammatory Response to the Failed Metal-on-Metal Total Hip Arthroplasty"* Chalmers PN, Walton DM, Sporer SM, **Levine BR**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
66. *"Preoperative Lab Values Correlated with Surgical Outcomes in Total Knee Arthroplasty Patients"* Edwards LH, Goldstein ZH, **Levine BR**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
67. *"Synovial Aspirate Characteristics: Do Successful and Failed Total Knee Arthroplasties Differ?"* Chalmers PN, Walton DM, Sporer SM, **Levine BR**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
68. *"Cementless vs. Cemented Tibial Implants in Primary Total Knee Arthroplasty"* Behery OA, Belkin M, **Levine BR**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
69. *"Equivalence Testing of Traditional Electrocautery, Argon Beam Coagulation, and Bipolar Sealer in Primary Total Knee Arthroplasty"* Rosenthal BD, Haughom BD, **Levine BR**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
70. *"Effect of Design Factors on Initial Stability of Cementless Tibial Implants"* A Stoller, SM Sporer, **Levine BR**. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 11-15, 2014.
71. *"Scientific Exhibit: The Extended Trochanteric Osteotomy in Primary and Revision THA."* PH Yi, DR Plummer, **Levine BR**, WG Paprosky, CJ Della Valle, SM Sporer. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 11-15, 2014.
72. *"Synovial Aspirate Characteristics: Do Successful and Failed TKAs Differ?"* D Walton, PN Chalmers, S Sporer, **Levine BR**. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 11-15, 2014.
73. *"Diagnosis of Deep Infection in Revision Hip Arthroplasty with a Metal-on-Metal Bearing or Corrosion."* P Yi, MB Cross, M Moric, C Della Valle, S Sporer, **Levine BR**, WG Paprosky, JJ Jacobs. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 11-15, 2014.

74. "Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Knee Arthroplasty." PN Chalmers, K Hudak, S Sporer, **Levine BR**. 31st Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 17-23, 2013.
75. "Orthopedic Surgery Residency Application Process: Survey of Graduating Medical Students." D Biswas, N Verma, W Virkus, **Levine BR**. 31st Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 17-23, 2013.
76. "Ten-Year Outcome of Serum Metal Ion Levels after Primary Total Hip Arthroplasty." **Levine BR**, AR Hsu, AK Skipor, NJ Hallab, WG Paprosky, J Galante, JJ Jacobs. 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL, March 19-23, 2013.
77. "Effect of Design Factors on Initial Stability of Cementless Tibial Implants." A Stoller and **Levine BR**. ORS 2013 Annual Meeting, San Antonio, TX, January 26-29, 2013.
78. "Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Knee Arthroplasty." PN Chalmers, K Hudak, S Sporer, **Levine BR**. 22nd Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 2-4, 2012.
79. "Metal-on-Metal Revisions: A Review of Causes and a High Incidence of Early Failure." DW Fabi, G Klein, HB Levine, SM Sporer, M Hartzband, WG Paprosky, **Levine BR**. 2011 American Academy of Orthopaedic Surgeons Meeting, San Diego, CA, February 16, 2011
80. "Use of a Novel Fibrin Sealant in Total Hip and Knee Arthroplasty." N Majoras, P Patel, **Levine BR**. 28th Annual Meeting of the Mid-America Orthopaedic Association, Lost Pines, TX, April 21-24, 2010.
81. "Early Results of a Porous Tantalum Femoral Component in Primary THA." J Troyer, **Levine BR**. 28th Annual Meeting of the Mid-America Orthopaedic Association, Lost Pines, TX, April 21-24, 2010.
82. "Early Experience with a Novel Non-Metallic Cable in Reconstructive Hip Surgery." G Wera, N Ting, **Levine BR**, CJ Della Valle. 27th Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 22-26, 2009.
83. "Comparative Expression Profiles of Inflammatory, Angiogenic Factors in Human Synovium and Joint Capsules Between Normal and Knee Joint Osteoarthritis." X Li, **Levine BR**, G Cs-Szabo, H-J Im. 26th Annual Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 15-16, 2009.
84. "Early Clinical and Radiographic Results of Porous Tantalum Primary Hip and Knee Prostheses." **Levine BR**. 11th Symposium on Biomaterials and Biomechanics, Essen, Germany, March 5-7, 2009.
85. "Closure of Hip Fracture Wounds Using a Topical Adhesive Without a Surgical Dressing: Reduction in Post-operative Tape Blisters." C Deirmengian, G Evangelista, **Levine BR**. Annual Meeting of the Eastern Orthopaedic Association (EOA), 2008.
86. "Return to Athletic Activity after THA: Consensus guidelines based on a survey of the hip society and the American association of hip and knee surgeons." **Levine BR**, G Klein, E. Strauss, P DiCesare, J D'Antonio. 16th Annual Meeting of the American Association of Hip and Knee Surgeons (AAHKS), Dallas, TX, November 3-5, 2006.
87. "Porous Tantalum in Total Hip and Knee Arthroplasty." **Levine BR**, CJ Della Valle, SM Sporer, WG Paprosky, JJ Jacobs. 19th Annual Symposium of the International Society for Technology in Arthroplasty (ISTA), NY, NY, October 6-9, 2006.

88. "Use of a Tripolar Articulation in Revision Total Hip Arthroplasty." **Levine BR**, C Deirmengian, CJ Della Valle, SM Sporer, S Weeden, WG Paprosky. Rush University Medical Center Research Day, Chicago, IL April 5-6, 2006.
89. "Use of the Extended Trochanteric Osteotomy in Treating Periprosthetic Infection." MG Hamming, **Levine BR**, CJ Della Valle, SM Sporer, AG Rosenberg, WG Paprosky. Rush University Medical Center Research Day, Chicago, IL April 5-6, 2006.
90. "Applications of Porous Tantalum in Orthopaedic Surgery." **Levine BR**, CJ Della Valle, SM Sporer, WG Paprosky, JJ Jacobs. Rush University Medical Center Research Day, Chicago, IL April 5-6, 2006.
91. "Extended Trochanteric Osteotomy for the Treatment of Periprosthetic Fracture: A minimum 2-year follow-up Study." PB Lewis, **Levine BR**, CJ Della Valle, SM Sporer, AG Rosenberg, WG Paprosky. Rush University Medical Center Research Day, Chicago, IL April 5-6, 2006.
92. "Isolated Acetabular Revision Secondary to Aseptic Loosening? A case reports." **Levine BR**, C Deirmengian, W Paprosky. 2nd Annual Joint Arthroplasty Young Investigators' Conference, Chicago, IL March 21, 2006.
93. "Surgical Approaches in THA: Review of mini-incision, MIS, and CAOS techniques." **Levine BR**, G Klein and P DiCesare. Senior Research Project, HJD/NYU, NY, NY January 12, 2005.
94. "Medial Pivot Knee Replacement." **Levine BR**, M Baskies, B White, and SA Stuchin. 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC, February 2005.
95. "The Utility of Blood Culture Vial Specimens in Intraoperative Detection of Infection." **Levine BR** and Evans B. 66th Annual Meeting of American Academy of Orthopaedic Surgeons, Anaheim, CA, February 1999.
96. "The Utility of Blood Culture Vial Specimens in Intraoperative Detection of Infection." **Levine BR** and B Evans. 13th Annual Georgetown University Research Days–Clinical Division, Washington, DC, March 1999.
97. "Cycloadditions of 5-azido-5-deoxyaldopentoses with Acetylenes: Regiochemical Outcome and Manipulation to Acyclic Nucleoside Analogs." **Levine BR**, P Norris, R Luck, JV Silverton, and D Horton. 30th American Chemical Society Middle Atlantic Regional Meeting, Philadelphia, PA, May 1996.
98. "Applications of In Situ mRNA Hybridization for Detection of Regulatory Peptides." **Levine BR**, J Gu and N Agrawal. 10th Annual Georgetown University Research Days–Clinical Division, Washington, DC and 1st Annual Deborah Research Institute Science Fair, Browns Mills, NJ, August 1995.
99. "Effects of Vacuum on Immunocytochemical Staining and In Situ mRNA Hybridization." **Levine BR** and J Gu. 1st Annual Deborah Research Institute Science Fair, Browns Mills, NJ, August 1995.
100. "Synthesis of Triazoles by Cycloaddition of Acetylenes with 5-azido-5-deoxy-D-Ribose and 5-azido-5-deoxy- D-Xylose Derivatives." **Levine BR**, D Horton and P Norris. Abstracts of Papers, 29th American Chemical Society Middle Atlantic Regional Meeting, Washington, DC, May 1995.
101. "A New Route to Iminosugars." **Levine BR**, D Horton and P Norris. Abstracts of Papers, 209th National Meeting of the American Chemical Society, Anaheim, CA, April 1995.
102. "Synthesis of Xylose Derivatives as Potential Glycosidase Inhibitors." **Levine BR**, D Horton and P Norris. 5th Annual College of Arts and Sciences Research Conference (American University) Washington, DC, March 1995.

## PODCASTS (2)

1. Managing Hip and Knee Patient Care During COVID-19. Barnes CL, **Levine BR**, Stronach BM. 16 April 2020. Arthroplasty Topics Podcast. <http://www.aahks.org/managing-hip-knee-patient-care-during-covid19/>
2. Awaiting Hip or Knee Replacement Surgery During COVID-19 and How to Manage Pain at Home. **Levine BR**, Saxena A, Stronach BM. 16 April 2020. Arthroplasty Topics Podcast. <http://www.aahks.org/awaiting-hip-or-knee-replacement-surgery-during-covid-19-and-how-to-manage-pain-at-home/>