

# BRETT R. LEVINE, MD, MS

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## BOARD CERTIFICATION

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

## 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

## EDUCATION

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)

## CURRENT RESEARCH

[CoCr vs. Titanium in Total Knee Arthroplasty.](#)

[Wagner Cone for Primary THA: Outcomes and Indications.](#)

[Hip Precautions for Posterior Approach to the Hip: Are they necessary? RCT.](#)

[Porous Tantalum Primary Hip Prosthesis: Short-term follow-up.](#)

## CURRENT RESEARCH CONTINUED

RCT for POD#0 vs. POD#1 Initiation of Physical Therapy.

Outcomes for Lateral UKA–Intermediate term follow-up.

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

Angiogenic Factors in Human Synovium and Joint Capsules in the Development of Osteoarthritis.

Evaluation of Porous Tantalum Augments in Revision Total Knee Arthroplasty.

## ACHIEVEMENTS

Selected as 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)

## ACHIEVEMENTS CONTINUED

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

*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

WORK EXPERIENCE CONTINUED

*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 (2018-2019)

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)

## WORK EXPERIENCE CONTINUED

*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

Editorial Board Member–Orthopedics (2018)

Editorial Board Member–Journal of Arthroplasty (2017)

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

Vice Chairman of The Patient and Public Education Committee AAHKS (2017)

AAOS Operative Management for Hip Osteoarthritis AUC Work Group Member

AAHKS Research Committee Member (March 2016-Present)

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

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

## COMMITTEE APPOINTMENTS CONTINUED

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 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

## TEACHING EXPERIENCE CONTINUED

*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, Merete, Exactech, DJO Surgical, Medacta and McGraw-Hill
- 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 (146)

1. Manning BT, Bohl DD, Redondo ML, Gerlinger TL, Sporer SM, Paprosky WG, Levine BR. Midlevel Providers in Orthopaedic Surgery: The Patient's Perspective. Accepted for publication by *The Iowa Orthopaedic Journal* on April 5, 2019.
2. Dickerson P, Grande S, Evans D, **Levine BR**, Coe M. Utilizing Intraoperative Interactive Video Capture with Google Glass for Immediate Postprocedural Resident Coaching. *J Surg Educ*. 2019 Mar 1–E pub. PMID: 30833204
3. Atkins GJ, Alberdi MT, Bewick A, **Levine BR**, et al. General Assembly, Prevention, Surgical Site Preparation: Proceedings of International Consensus on Orthopedic Infections. *J Arthroplasty*. 2019 Feb;34(2S):S85-92. PMID: 30348579
4. Abdel Karim M, Andrawis J, Bengoa F, **Levine BR**, et al. Hip and Knee Section, Diagnosis, Algorithm: Proceedings of International Consensus on Orthopedic Infections. *J Arthroplasty*. 2019 Feb;34(2S):S339-350. PMID: 30348566
5. Kunze KN, Akram F, Fuller BC, Zabawa L, Sporer SM, **Levine BR**. Internal Validation of a Predictive Model for Satisfaction after Primary Total Knee Arthroplasty. *J Arthroplasty*. 2018 Dec 19–epub. PMID: 30612836
6. Bohl DD, Li J, Calkins TE, Darrith B, Edmiston TA, Nam D, Gerlinger TL, **Levine BR**, Della Valle CJ. Physical Therapy on Postoperative Day Zero Following Total Knee Arthroplasty: A Randomized, Controlled Trial of 394 Patients. *J Arthroplasty*. 2019 Feb 13–epub. PMID 30827716
7. Campbell KJ, Louie PK, Bohl DD, Edmiston TA, Mikhail C, Li J, Khorsand DA, **Levine BR**, Gerlinger TL. A Novel, Automated Text-Messaging System is Effective in Patients Undergoing Total Joint Arthroplasty. *J Bone Joint Surg Am*. 2019 Jan 16;101(2):145-151. PMID: 30653044
8. **Levine BR**. CORR Insights: Looking for Holes in Sterile Wrapping: How accurate are we? *Clin Orthop Relat Res*. 2018 May;476(5):1081-1082. PMID: 29481366
9. Haughom BD, Basques BA, Hellman MD, Brown NM, Della Valle CJ, **Levine BR**. Do Mortality and Complication Rates Differ Between Periprosthetic and Native Hip Fractures? *J Arthroplasty*. 2018 Jun;33(6):1914-1918. PMID: 29526336
10. Locker PH, Arthur J, Edmiston T, Puri R, **Levine BR**. Management of Bone Defects in Orthopedic Trauma. *Bull Hosp Jt Dis (2013)*. 2018 Mar;76(1):278-284. Review. PMID: 29537950
11. Nam D, Sershon RA, **Levine BR**, Della Valle CJ. The Use of Closed Incision Negative-Pressure Wound Therapy in Orthopaedic Surgery. *J Am Acad Orthop Surg*. 2018 May 1;26(9):295-302. PMID: 29620609
12. Sershon RA, Teclé N, Della Valle CJ, **Levine BR**, Berger RA, Nam D. The Impact of an Acute, Traumatic Wound Dehiscence on Clinical Outcomes Following Primary Knee Arthroplasty. *J Arthroplasty*. 2018 Aug;33(8):2613-2615. PMID: 29636248
13. Campbell KJ, Louie PK, Khorsand DA, Frisch NB, Gerlinger TL, **Levine BR**. Innovation and Entrepreneurship: Perspectives from orthopedic surgery. *Orthopedics*. 2018 May 1;41(3):135-140. PMID: 29658978



## PUBLICATIONS CONTINUED

14. Hellman MD, Kaufman DJ, Sporer SM, Paprosky WG, **Levine BR**, Della Valle CJ. High Rate of Failure After Revision of a Constrained Liner. *J Arthroplasty*. 2018 Jul;33(7S):S186-S190. PMID: 29705682
15. Cotter EJ, Hannon CP, Edmiston TA, Kearns S, Petersen K, **Levine BR**. Patient Preferences in Office-Based Orthopedic Care: A prospective evaluation. *Am J Orthop*. 2018 Oct;47(10). PMID: 30481236
16. Kunze KN, Lie J, Movassaghi K, Wiggins AB, Sporer SM, **Levine BR**. Internal Validation of a Predictive Model for Complications After Total Hip Arthroplasty. *J Arthroplasty*. 2018 Dec;33(12):3759-3767. PMID: 30193881
17. Manner PA, Tubb CC, **Levine BR**. AAOS Appropriate Use Criteria: Surgical management of osteoarthritis of the knee. *J Am Acad Orthop Surg*. 2018 May 1;26(9):e194-e197. PMID: 29621052
18. Mariner M, Edmiston TA, **Levine BR**. A Survey of the Prevalence of and Techniques to Prevent Trunionosis. *Orthopedics*. 2018 Jul 1;41(4):e557-e562. PMID:29813167
19. Zachwieja E, Perez J, Hardaker W, **Levine BR**, Sheth N. Manipulation Under Anesthesia and the Stiff Total Knee Arthroplasty: A review of the current literature. *JBSJ Rev*. 2018 Apr;6(4). PMID: 29613897
20. Levy D, **Levine BR**. Patellofemoral Arthroplasty. *Accepted to Am J Orthop, 2017*.
21. American Academy of Orthopaedic Surgeons. Appropriate Use Criteria for the Management of Osteoarthritis of the Hip. [www.aaos.org/oahipauc](http://www.aaos.org/oahipauc). Published December 8, 2017.
22. Tarabichi M, Shohat N, Kheir MM, Adelani M, Brigati D, Kearns SM, Patel P, Clohisy JC, Higuera CA, **Levine BR**, Schwarzkopf R, Parvizi J, Jiranek WA. Determining the Threshold for HbA1c as a Predictor for Adverse Outcomes After Total Joint Arthroplasty: A multicenter, retrospective study. *J Arthroplasty*. 2017 Sep;32(9S):S263-S267. PMID 28662955
23. Edmiston TA, Manista GC, Courtney PM, Sporer SM, Della Valle CJ, **Levine BR**. Clinical Outcomes and Survivorship of Lateral Unicompartamental Knee Arthroplasty: Does surgical approach matter? *J Arthroplasty*. 2018 Feb;33(2):362-365. PMID: 29033153
24. Kearns SM, Culp BM, Bohl DD, Sporer SM, Della Valle CJ, **Levine BR**. Rotating Hinge Implants for Complex Primary and Revision Total Knee Arthroplasty. *J Arthroplasty*. 2018 Mar;33(3):766-770. PMID: 29129618
25. Courtney PM, Edmiston TA, Pflederer CT, **Levine BR**, Gerlinger TL. Is There Any Role for Direct Repair of Extensor Mechanism Disruption Following Total Knee Arthroplasty? *J Arthroplasty*. 2018 Jul;33(7S):S244-S248. PMID: 29248484
26. Bohl DD, Brown NM, McDowell MA, **Levine BR**, Sporer SM, Paprosky WG Della Valle CJ. Do Porous Tantalum Metaphyseal Cones Improve Outcomes in Revision TKA? *J Arthroplasty*. 2018 Ja;33(1)171-177. PMID 28844630
27. Phillips D, Egol KA, Maculatis MC, Roloff KS, Friedman A, **Levine BR**, Garfin S, Schwartz A, Sterling R, Kuivila T, Paragioudakis SJ, Zuckerman JD. Personality Factors Associated with Resident Performance: Results from 12 ACGME accredited orthopaedic surgery programs. *J Surg Educ*. 2018 Jan-Feb;75(1):122-131. PMID: 28688967
28. Alosch H, Behery OA, **Levine BR**. Radiographic Predictors of Patient Satisfaction Following Primary TKA. *Bull Hosp Jt Dis (2013)*. 2018 Jun;76(2):105-111. PMID: 29799369

## PUBLICATIONS CONTINUED

29. Courtney PM, Boniello AJ, **Levine BR**, Sheth N, Paprosky WG. Are Revision Hip Arthroplasty Patients at Higher Risk for Venous Thromboembolic Events Than Primary Hip Arthroplasty Patients? *J Arthroplasty*. 2017 Dec;32(12):3752-3756. PMID: 28807468
30. Hellman MD, Kearns SM, Bohl DD, Haughom BD, **Levine BR**. Revision Total Hip Arthroplasty with a Monoblock Splined Grit-Blasted Titanium Stem. *J Arthroplasty*. 2017 Dec;32(12):3698-3703. PMID: 28803814
31. Levy D, Luchetti T, Levine BR. Have Residents Produced More Research Since the Inception of the 80-hour Workweek? *Iowa Orthop J*. 2017;37:205-209. PMID: 28852359
32. Sershon RA, Courtney PM, Rosenthal BD, Sporer SM, **Levine BR**. Can Demographic Variables Accurately Predict Component Sizing in Primary Total Knee Arthroplasty. *J Arthroplasty*. 2017 Oct;32(10):3004-3008. PMID: 28583760
33. Courtney PM, Edmiston T, Batko B, **Levine BR**. Can Bundled Payments Be Successful in the Medicaid Population for Primary Joint Arthroplasty? *J Arthroplasty*. 2017 Nov;32(11):3263-3267. PMID: 28629906
34. Kearns SM, Kuhar HN, Bohl DD, **Levine BR**. An Aprotinin Containing Fibrin Sealant Does Not Reduce Blood Loss in Total Hip Arthroplasty. *J Arthroplasty*. 2017 Nov;32(11):3445-3448. PMID: 28648705
35. Manning BT, Kearns SM, Bohl DD, Edmiston T, Sporer SM, **Levine BR**. Prospective Assessment of Sleep Quality Before and After Primary Total Joint Replacement. *Orthopedics*. 2017 Jul 1;40(4):e636-2640. PMID:28418577
36. Flierl MA, Culp BM, Okroj KT, Springer BD, **Levine BR**, Della Valle CJ. Poor Outcomes of Irrigation and Debridement in Acute Periprosthetic Joint Infection With Antibiotic-impregnated Calcium Sulfate Beads. *J Arthroplasty*. 2017 Aug;32(8):2505-2507. PMID:28434697
37. Meneghini RM, Springer B, Cacavallo P, **Levine BR**. Part II: Perioperative Management in Total Knee Arthroplasty: Post-operative Patient Management. *Accepted AAOS ICL 67, 2017*.
38. **Levine BR**, Springer B, Cacavallo P, Meneghini RM. Part I: Preoperative Management in Total Knee Arthroplasty: Preoperative Patient Preparation. *Accepted AAOS ICL 67, 2017*
39. Liporace F, Kubiak E, Mehta S, **Levine BR**. Periprosthetic Total Joint Fractures–ICL 67. *Accepted AAOS ICL 67, 2017*.
40. Randall R, Kwong L, Kogan M, Kuivila T, Levine B, Kogan M. Building Physicians With Self-Awareness. *Amer Assoc Phys Leadership*. Online: <http://www.physicianleaders.org/PLL?ID=9cf5f937-1822-6b84-accf-ff00004968c6##li9cf5f937-1822-6b84-accf-ff00004968c6>
41. Louie PK, Schairer WW, Haughom BD, Bell JA, Campbell KJ, **Levine BR**. Involvement of Residents Does Not Increase Postoperative Complications After Open Reduction Internal Fixation of Ankle Fractures: An Analysis of 3251 cases. *J Foot Ankle Surg*. 2017 May-Jun;56(3):492-496. PMID: 28245974
42. Bohl DD, Ondeck NT, Basques BA, **Levine BR**, Grauer JN. What is the Timing of General Health Adverse Events That Occur After Total Joint Arthroplasty? *Clin Orthop Relat Res*. 2017;475:2952-2959. PMID 28082042
43. Kokubun BA, Manista GC, Courtney PM, Kearns SM, **Levine BR**. Intra-articular Knee Injections Prior to Total Knee Arthroplasty: Outcomes and Complications Rates. *J Arthroplasty*. 2017 Jun;(6):1798-1802. PMID 28238583

## PUBLICATIONS CONTINUED

44. American Academy of Orthopaedic Surgeons. Appropriate Use Criteria for Surgical Management of Osteoarthritis of the Knee. [www.aaos.org/smoakauc](http://www.aaos.org/smoakauc). Published December 9, 2016.
45. Behery OA, Kearns SM, Rabinowitz JM, **Levine BR**. Cementless vs. Cemented Tibial Fixation in Primary Total Knee Arthroplasty. *J Arthroplasty*. 2017 May;32(5):1510-1515. PMID: 28082042
46. Sershon RA, Diaz A, Bohl DD, **Levine BR**. Effect of Body Mass Index on Digital Templating for Total Hip Arthroplasty. *J Arthroplasty*. 2017 Mar;32(3):1024-1026. PMID: 27776900
47. Manning BT, Frank RM, Wetters NG, Bach BR, Rosenberg AG, **Levine BR**. Surgical Anatomy of the Knee: A review of common open approaches. *Bulletin Hosp Jt Dis*. 2016;74(3):219-228. PMID: 27620546
48. Shah RP, Plummer DR, Moric M, Sporer SM, **Levine BR**, Della Valle CJ. Diagnosing Infection in the Setting of Periprosthetic Fractures. *J Arthroplasty*. 2016 Mar 17 [Epub ahead of print] PMID: 27067465
49. Pourzal R, Hall DJ, Ha NQ, Urban RM, **Levine BR**, Jacobs JJ, Lundberg HJ. Does Surface Topography Play a Role in Taper Damage in Head-Neck Modular Junctions? *Clin Orthop*. Symposium: 2015 International Hip Society Proceedings. 2016. Published online June 23, 2016. PMID: 27339123
50. Levy DM, Wetters NG, **Levine BR**. Prevention of Periprosthetic Joint Infection of the Hip and Knee. *Am J Orthop (Belle Mead NJ)*. 2016;45(5):E299-307. PMID 27552468
51. Friedman A, **Levine BR**, Zuckerman JD. Using Organizational Science to Improve the Resident Selection Process: An outsider's perspective." *Am J Med Quality*. Accepted for publication.
52. Hamilton JL, Nagao M, **Levine BR**, Chen D, Olsen BR, Im HJ. Targeting VEGF and its Receptors in the Treatment of Osteoarthritis and Associated Pain. *J Bone Min Res*. 2016;May;31(5):911-924. PMID: 27163679
53. Goldstein ZH, Estrera KA, **Levine BR**. Taper Failure after Large-Diameter Metal-on-Metal Total Hip Arthroplasty: A case report of femoral head dissociation. Accepted Orthopedics, December 2015. PMID: 27248338
54. Rao AJ, Kempton SJ, Erickson BJ, **Levine BR**, Rao VK. Soft Tissue Reconstruction and Flap Coverage for Revision Total Knee Arthroplasty. *J Arthroplasty*. 2016;Jul;31(7):1529-38. PMID: 27038863
55. American Academy of Orthopaedic Surgeons. Appropriate Use Criteria for Postoperative Rehabilitation of Low Energy Hip Fractures in the Elderly. <http://www.aaos.org/hipfracturesrehabauc.aspx>. Published December 4, 2015.
56. American Academy of Orthopaedic Surgeons. Appropriate Use Criteria for the Treatment of Hip Fractures in the Elderly. <http://www.aaos.org/hipfracturestreatmentauc.aspx>. Published December 4, 2015.
57. Bohl DD, Samuel AM, Basques BA, Della Valle CJ, Levine BR, Grauer JN. How Much Do Adverse Event Rates Differ Between Primary and Revision Total Joint Arthroplasty? *J Arthroplasty*. 2016;Mar;31(3):596-602. nPMID: 26507527
58. Goldstein ZH, Yi PH, Batko BD, Kearns S, Tetreault MW, Della Valle CJ, Sporer SM, **Levine BR**. Perceived Leg-length Discrepancy After Primary Total Knee Arthroplasty: Does Knee Alignment Play a Role? *Am J Orthop (Belle Mead NJ)*. 2016 Nov/Dec;45(7):E429-E433. PMID: 28005109

## PUBLICATIONS CONTINUED

59. Haughom BD, Schairer WW, Hellman MD, Nwachukwu BU, **Levine BR**. An Analysis of Risk Factors for Short-Term Complication Rates and Increased Length of Stay Following Unicompartmental Knee Arthroplasty. *HSS J*. 2015 Jul;11(2):112-6. PMID: 26140029
60. Goldstein ZH, Yi PH, Haughom BD, Hellman MD, **Levine BR**. Bilateral Extensor Mechanism Disruption after Total Knee Arthroplasty in Two Morbidly Obese Patients. *Orthopedics*. 2015 May;38(5):e443-6. PMID: 25970375
61. Chalmers PN, Walton D, Sporer SM, **Levine BR**. Evaluation of the Role of Synovial Aspiration in the Diagnosis of Aseptic Loosening After Total Knee Arthroplasty. *J Bone Joint Surg Am*. 2015 Oct 7;97(19):1597-603. PMID: 26446968
62. Rosenthal B, Haughom B, **Levine BR**. A Retrospective Analysis of Hemostatic Techniques in Primary Total Knee Arthroplasty—Electrocautery, Bipolar Sealer, and Argon Beam Coagulation. *Am J Orthop*. 2016;45:E187-191. PMID: 27327924
63. **Levine BR**. CORR Insights: Is There an Advantage to Knotless Barbed Suture in TKA Wound Closure? A Randomized Trial in Simultaneous Bilateral TKAs. *Clin Orthop Rel Res*. 2015 Jun;473(6):2028-30. PMID: 25690173
64. Bosco JA, Bookman J, Slover J, Edusei E, **Levine BR**. Principles of Antibiotic Prophylaxis in Total Joint Arthroplasty: Current Concepts. *J Am Acad Orthop Surg*. 2015 Aug;23(8):e27-35. PMID:26209148
65. Ross J, Brown N, **Levine BR**. Chronic Knee Dislocation After Total Knee Arthroplasty. *Orthopedics*. 2015 Dec 1;38(12):e1155-9. PMID:26652339
66. Brown NM, Bell JA, Jung EK, Sporer SM, Paprosky WG, **Levine BR**. The Use of Trabecular Metal Cones in Complex Primary and Revision Total Knee Arthroplasty. *J Arthroplasty*. 2015 Feb;473(2):498-505. PMID: 25171935
67. Haughom BD, Schairer WW, Nwachukwu BU, Hellman MD, **Levine BR**. Does Neuraxial Anesthesia Decrease Transfusion Rates Following Total Hip Arthroplasty? *J Arthroplasty*. 2015 Sep;30(9Suppl):116-20. PMID: 26077150
68. Frank RM, Haughom BD, Strong B, Hellman MD, **Levine BR**. Blood Mangement in Total Knee Arthroplasty: Author's reply. *J Am Acad Orthop Surg*. 2014 Nov;22(11):681-2. PMID: 26863689
69. KC Ranjan, **Levine BR**, Im H-J. PKC $\delta$  Null Mutations In A Mouse Model Of Osteoarthritis Alter Osteoarthritic Pain Independently of Joint Pathology By Augmenting NGF/TrkA-Induced Axonal Outgrowth. *Ann Rheum Dis*. 2016 Dec;75(12):2133-2141. PMID: 26783110
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4. Culp B, Sershon R, **Levine BR**. Femoral Bone Loss in THA. In Surgical Techniques and Infection Control in Hip and Knee Arthroplasty. IGI Global.
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26. **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*, edited by Scott Sporer, MD.
27. **Levine BR**: Chapter 49: How do I choose my surgical incision in TKA? *In Curbside Consultations: TKA*, edited by Craig J Della Valle, MD.
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29. Black J, **Levine BR**, Jacobs, J: *Biomaterials Overview*. *In The Adult Hip*, 2nd Edition, edited by J. J. Callaghan, G. Rosenberg, and H. E. Rubash.

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## PRESENTATIONS (127)

1. "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, **BR Levine**. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
2. "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.
3. "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.
4. "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.
5. "Diagnosis and Management of Pseudotumors and Trunionosis Including Common Post-operative Complications." K Fricka, **BR Levine**. Instructional Course Lecture at 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-16, 2019.

## PRESENTATIONS CONTINUED

6. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice—Building an AS Program."* **BR Levine**. Moderator for: Instructional Course Lecture at 2019 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 12-16, 2019.
7. *"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.
8. *"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.
9. *"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.
10. *"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.
11. *"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.
12. 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.
13. *"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.
14. *"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.
15. *"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.
16. *"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.
17. *"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.

## PRESENTATIONS CONTINUED

18. *"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.
19. *"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.
20. *"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.
21. *"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.
22. *"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.
23. *"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.
24. *"Planning Your TKA—Templating and Imaging."* **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
25. *"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.
26. *"7 Golden Rules to Patella Tracking."* **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
27. *"Handling Intraoperative Extensor Mechanism Injury."* **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
28. *"Managing Ligamentous Injuries."* **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
29. *"Neurovascular Injuries During TKA."* **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
30. *"Perioperative Optimization of TKA Patients."* **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
31. *"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.

## PRESENTATIONS CONTINUED

32. *"Perioperative Optimization of TKA Patients."* **Levine BR**. The XVII National Congress of Orthopaedics and Traumatology, Timisoara, Romania, October 18-21, 2017.
33. *"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.
34. *"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.
35. *"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.
36. *"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.
37. *"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.
38. *"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.
39. *"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.
40. *"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.
41. *"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
42. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice–Building an AS Program."* **BR Levine**. Moderator for: Instructional Course Lecture at 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
43. *"Blood Management and Conservation in Total Knee Arthroplasty."* **BR Levine**. Moderator for: Instructional Course Lecture at 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.

## PRESENTATIONS CONTINUED

44. *"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, **BR Levine**. 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
45. *"Practical Techniques for Revision Total Hip Arthroplasty—Acetabular and Femoral Component Removal."* Instructional Course Lecture at 2017 Annual Meeting of the American Academy of Orthopaedic Surgeons, San Diego, CA, March 14-18, 2017.
46. *"Acetabular Defects and Revision Total Hip Arthroplasty."* **BR Levine**. Grand Rounds: Northwestern University, Friday, Sept 16, 2016.
47. *"Perioperative Optimization and Management in Total Joint Arthroplasty."* **BR Levine**. Grand Rounds: University of Chicago—Department of Orthopaedic Surgery, Wednesday Aug 31, 2016.
48. *"Which Adverse Events are Associated with Revision Versus Primary Total Joint Arthroplasty?"* DD Bohl, AM Samuel, AM Lukasiewicz, ML Webb, BA Basques, CJ Della Valle, **BR Levine**, JN Grauer. 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
49. *"Timing of Complications Following Total Joint Arthroplasty."* DD Bohl, AM Samuel, ML Webb, AM Lukasiewicz, BA Basques, **BR Levine**, JN Grauer. 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
50. *"The Modern Day Audition Rotation Application Process—Building a Curriculum."* **BR Levine**. CORD Meeting at the AAOS, Orlando, FL, March 1-5, 2016.
51. *"Periprosthetic Acetabular Fractures."* **BR Levine**. Instructional Course Lecture at 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
52. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice—Building an AS Program."* **BR Levine**. Instructional Course Lecture at 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
53. *"Blood Management and Conservation in Total Knee Arthroplasty."* **BR Levine**. Moderator for: Instructional Course Lecture at 2016 Annual Meeting of the American Academy of Orthopaedic Surgeons, Orlando, FL, March 1-5, 2016.
54. *"How do Patients Determine Physician Satisfaction Rates: A prospective Survey Study."* Petersen KA, Sporer SM, Della Valle C, **BR Levine**. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.
55. *"Radiographic Predictors of Clinical Outcomes Following Total Knee Arthroplasty."* Alesh H, **BR Levine**. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.
56. *"Patient Perceptions of Sleep Quality Before and After Primary Total Joint Replacement."* Kearns S, Manning B, **BR Levine**. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.
57. *"Periprosthetic Fractures of the Distal Femur: Is ORIF or Distal Femoral Replacement Superior?"* Karadsheh M, Sporer SM, Della Valle C, Berger RA, **BR Levine**. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.

## PRESENTATIONS CONTINUED

58. *"Investigating the Role of Personality-Based Behavioural Assessments in Orthopedic Residency Match Process."* Bartels DW, Friedman A, **BR Levine**, JD Zuckerman. 34th Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17th, 2016.
59. *"Femoral Bone Defects in Revision Total Hip Arthroplasty."* **BR Levine**. Grand Rounds–Michigan State University/Grand Rapids Orthopaedic Surgery Residency, Grand Rapids, MI, February 24, 2016.
60. *"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, **BR Levine**. 2015 AOA Annual Meeting, Providence, RI, Jun 24-27, 2015.
61. *"Does Prior Cartilage Restoration Negatively Impact Outcomes of Knee Arthroplasty?"* Frank RM, Plummer DR, Chalmers PN, Sporer SM, **BR Levine**, Cole BJ, Della Valle CJ. 2015 AOA Annual Meeting, Providence, RI, Jun 24-27, 2015.
62. *"Does Prior Cartilage Restoration Negatively Impact Outcomes of Knee Arthroplasty?"* Frank RM, Plummer DR, Chalmers PN, Sporer SM, **BR Levine**, Cole BJ, Della Valle CJ. 33rd Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
63. *"Do Corticosteroid Injections Increase the Risk of Early Postoperative Complications after THA?"* Hellman MD, Haughom BD, Saltzman BM, Wiegmann AL, Ibrahim I, Gross CE, **BR Levine**. 33rd Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
64. *"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.
65. *"Periprosthetic Acetabular Fractures."* **BR Levine**. Instructional Course Lecture at 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24-28, 2015.
66. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice–Building an AS Program."* **BR Levine**. Instructional Course Lecture at 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24-28, 2015.
67. *"Blood Management and Conservation in Total Knee Arthroplasty."* **BR Levine**. Instructional Course Lecture at 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 24-28, 2015.
68. *"Research and Recommendations on the Diagnosis of PJI have Failed to Reach a Cross-section of Arthroplasty Surgeons."* **BR Levine**, Deirmengian C. 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 25-28, 2015.
69. *"Does Obesity Affect Short Term Complication Rates and Length of Stay Following Unicompartmental Knee Arthroplasty?"* **BR Levine**, 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.
70. *"Does Neuraxial Anesthesia Decrease the Rate of Postoperative Complications and Blood Transfusions."* **BR Levine**, 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.



## PRESENTATIONS CONTINUED

71. *"The Use of Trabecular Metal Cones in Complex Primary and Revision Total Knee Arthroplasty."* Brown N, Cooper HJ, Jung E, Sporer SM, Paprosky WG, **BR Levine**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
72. *"Diagnosing Infection in the Setting of Periprosthetic Fractures."* Shah R, Plummer D, Moric M, Sporer SM, Della Valle CJ, **BR Levine**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
73. *"Does Neuraxial Anesthesia Decrease the Rate of Postoperative Complications and Blood Transfusions? an Analysis of 29,452 Primary Total Hip."* **BR Levine**, Haughom BD, Schairer WW, Hellman MD. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
74. *"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.
75. *"Bearing Surfaces in Total Joint Arthroplasty: The good, the bad, the ugly."* **BR Levine**. 2014 STLE Tribology Frontiers, October 26-28, 2014, Chicago, IL.
76. *"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.
77. *"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.
78. *"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.
79. *"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.
80. *"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.
81. *"Influence of Taper and Trunion 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.
82. *"Weighted Versus Uniform Dose of Tranexamic Acid in Total Knee Arthroplasty: A Randomized Controlled Trial."* **BR Levine**, Belkin MN, Goldstein ZH. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
83. *"Periprosthetic Acetabular Fractures."* **BR Levine**. Instructional Course Lecture at 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
84. *"Antibiotic Stewardship in Orthopaedic Surgery: Principles and Practice—Building an AS Program."* **BR Levine**. Instructional Course Lecture at 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.

## PRESENTATIONS CONTINUED

85. *"Blood Management and Conservation in Total Knee Arthroplasty."* **BR Levine**. Instructional Course Lecture at 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
86. *"Milestone Data Aggregation: How do I do it?"* **BR Levine**. COD Meeting at 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 19-23, 2014.
87. *"Weighted Versus Uniform Dose of Tranexamic Acid in Patients Undergoing Primary, Elective Knee Arthroplasty: A Prospective Randomized Controlled Trial."* **BR Levine**, Belkin MN, Goldstein ZH. 23rd Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2013.
88. *"Ten-Year Outcome of Serum Metal Ion Levels after Primary Total Hip Arthroplasty."* AR Hsu, **BR Levine**, 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.
89. *"Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Hip Arthroplasty."* PN Chalmers, K Hudak, S Sporer, **BR Levine**. 31st Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 17-21, 2013.
90. *"Blood Management and Conservation in Total Knee Arthroplasty."* **BR Levine**. Instructional Course Lecture at 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL, March 19-23, 2013.
91. *"Orthopedic Surgery Residency Application Process: Survey of Graduating Medical Students."* D Biswas, N Verma, W Virkus, **BR Levine**. 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL, March 19-23, 2013.
92. *"Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Hip Arthroplasty."* PN Chalmers, K Hudak, S Sporer, **BR Levine**. 2013 Annual Meeting of the American Academy of Orthopaedic Surgeons, Chicago, IL, March 19-23, 2013.
93. *"Ten-Year Outcome of Serum Metal Ion Levels after Primary Total Hip Arthroplasty."* **BR Levine**, 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.
94. *"Current Management of Hip and Knee Osteoarthritis."* **BR Levine**. Orthopaedics 2012, Munster, IN, September 22, 2012.
95. *"Template-Directed Instrumentation in Total Knee Arthroplasty: A Cost Savings Analysis."* **BR Levine**. NYU/HJD Alumni Meeting, May 18, 2012, New York, NY.
96. *"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.
97. *"Use of a Cementless Tibia in Primary TKA."* **BR Levine**. 14th Annual Meeting of the Brazilian Knee Society, Bahia State, Brazil, March 29, 2012.
98. *"Digital Templating in TKA: Use of templating to direct intro-operative instrumentation."* **BR Levine**. 14th Annual Meeting of the Brazilian Knee Society, Bahia State, Brazil, March 29, 2012.

## PRESENTATIONS CONTINUED

99. *"Porous Cones to Treat Bone Defects in Revision TKA."* **BR Levine**. 14th Annual Meeting of the Brazilian Knee Society, Bahia State, Brazil, March 29, 2012.
100. *"Use of Antibiotic Spacers in Treated Infected TKA"* **BR Levine**. 14th Annual Meeting of the Brazilian Knee Society, Bahia State, Brazil, March 29, 2012.
101. *"Indications/Options for Hip Surgery in Young Patients."* **BR Levine**. Rush University Rheumatology Grand Rounds, Chicago, IL October 20, 2011.
102. *"Porous Tantalum in Primary Total Hip Arthroplasty."* **BR Levine**. 38th Japanese Hip Society Meeting, Kagoshima, Japan October 2011.
103. *"Bearing Surfaces in Total Hip Arthroplasty—Current Concepts."* **BR Levine**. PAOS 2011 Conference, Chicago, IL, August 16, 2011.
104. *"Achieving the Right Fit: Pearls for Balancing and Sizing in Total Knee Arthroplasty."* **BR Levine**. PAOS 2011 Conference, Chicago, IL, August 16, 2011.
105. *"Template-Directed Instrumentation in Total Knee Arthroplasty: A Cost Savings Analysis."* **BR Levine**. 29th Annual Meeting of the Mid-America Orthopaedic Association, Tucson, AZ, April 6-10, 2011.
106. *"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, **BR Levine**. 29th Annual Meeting of the Mid-America Orthopaedic Association, Tucson, AZ, April 6-10, 2011.
107. *"Porous Tantalum Cones for Large Bony Defects in Total Knee Arthroplasty."* E Jung, SM Sporer, CJ Della Valle, WG Paprosky, **BR Levine**. 29th Annual Meeting of the Mid-America Orthopaedic Association, Tucson, AZ, April 6-10, 2011.
108. *"The Science and Metallurgy of New Ingrowth Surfaces."* JJ Jacobs, **BR Levine**. 2011 American Academy of Orthopaedic Surgeons—Specialty Day, San Diego CA February 19, 2011.
109. *"Varus Remodeling of the Femur in Revision Total Hip Arthroplasty."* J Foran, SM Sporer, CJ Della Valle, **BR Levine**, WG Paprosky. 2011 American Academy of Orthopaedic Surgeons Meeting, San Diego, CA, February 16, 2011.
110. *"Patients Feel that Orthopaedic Surgeons are Undercompensated for Total Hip and Knee Replacement."* J Foran, N Sheth, SM Sporer, CJ Della Valle, **BR Levine**, WG Paprosky. 2011 American Academy of Orthopaedic Surgeons Meeting, San Diego, CA, February 16, 2011.
111. *"Patients Feel that Orthopaedic Surgeons are Undercompensated for Total Hip and Knee Replacement."* J Foran, N Sheth, SM Sporer, CJ Della Valle, **BR Levine**, WG Paprosky. 2010 American Association of Hip and Knee Surgeons Annual Meeting, Dallas, TX, November 5-7, 2010.
112. *"Varus Remodeling of the Femur in Revision Total Hip Arthroplasty."* J Foran, SM Sporer, CJ Della Valle, **BR Levine**, WG Paprosky. 2010 American Association of Hip and Knee Surgeons Annual Meeting, Dallas, TX, November 5-7, 2010.
113. *"Fretting Corrosion and Fracture of Modular Neck-Body Junctions in Dual-Modular Total Hip Arthroplasty."* **BR Levine**, RM Urban, JL Gilbert, DL Hall, SM Sporer, JO Galante, JJ Jacobs. 2010 NYU/HJD Alumni Association Meeting, New York, NY, May 14, 2010.

## PRESENTATIONS CONTINUED

114. *Use of Knotless Suture for Closure of Total Hip and Knee Arthroplasty: A Prospective-Randomized Clinical Trial.* **BR Levine**, N Ting, Mario, CJ Dell Valle. 28th Annual Meeting of the Mid-America Orthopaedic Association, Lost Pines, TX, April 21-24, 2010.
115. *"Fretting Corrosion and Fracture of Modular Neck-Body Junctions in Hip Replacement Femoral Components."* RM Urban, JL Gilbert, DL Hall, BR Levine, SM Sporer, JO Galante, JJ Jacobs. 2010 American Academy of Orthopaedic Surgeons Meeting, New Orleans, LA, March 9-13, 2010.
116. *"The Accuracy of Digital Templating in Total Hip and Knee Arthroplasty."* **BR Levine**, J Troyer, C Deirmengian. 2009 HYU/HJD Alumni Association Meeting, New York, NY May 9, 2009.
117. *"The Science of Highly Porous Metals."* **BR Levine** and JJ Jacobs. AAHKS/AAOS Cutting Edge Developments and Controversies in Total Joint Arthroplasty, Rosemont, IL, May 1, 2009.
118. *"Porous Metals in Orthopedic Applications."* **BR Levine**. 11th Symposium on Biomaterials and Biomechanics, Essen, Germany, March 7, 2009.
119. *"Porous Tantalum in Revision Hip and Knee Arthroplasty: Indications, Techniques, and Clinical Outcomes."* **BR Levine**. Louisville Orthopedic Society, Louisville, KY, August 18, 2008.
120. *"Closure of Hip Fracture Wounds Using a Topical Adhesive Without a Surgical Dressing: Reduction in Post-operative Tape Blisters."* **BR Levine**, C Deirmengian, G Evangelista. 2008 NYU/HJD Alumni Association Meeting, New York, NY, May 9, 2008.
121. *"The Accuracy of Preoperative Digital Templating in Primary Total Hip and Knee Arthroplasty."* **BR Levine**, C Deirmengian, T Mulvey. 26th Annual Meeting of the Mid-America Orthopaedic Association, Champions Gate, FL, April 19, 2008.
122. *"Use of the Extended Trochanteric Osteotomy in Treating Periprosthetic Infection: A 3.5 year follow-up study."* **BR Levine**, CJ Della Valle, SM Sporer, AG Rosenberg, WG Paprosky. 26th Annual Meeting of the Mid-America Orthopaedic Association, Champions Gate, FL, April 19, 2008.
123. *"A New Era in Porous Metals: Biomaterial properties and applications of porous tantalum in Orthopaedic Surgery."* **BR Levine**. 5th International Conference on Porous Metals and Metallic Foams, Montreal, Canada, September 6, 2007.
124. *"The Use of an Unconstrained Tripolar Articulation for Revision Total Hip Arthroplasty."* **BR Levine**, C Deirmengian, CJ Della Valle, SM Sporer, SH Weeden, WG Paprosky. 25th Annual Meeting of the Mid-America Orthopaedic Association, Boca Raton, FL, April 15, 2007.
125. *"The Use of the Extended Trochanteric Osteotomy in Treating Vancouver B2/3 Periprosthetic Femur Fractures."* **BR Levine**, 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.
126. *"The Use of the Extended Trochanteric Osteotomy in Treating Periprosthetic Infection."* **BR Levine**, M Hamming, CJ Della Valle, SM Sporer, RA Berger, WG Paprosky. Rush University Thesis Day, Chicago, IL, June 30, 2006.
127. *"Return to Sports after Total Hip Arthroplasty: The impact of alternative bearings and MIS."* **BR Levine**, E Strauss, G Klein, P DiCesare, and J D'Antonio. NYU/HJD Research Presentation, NY, NY May 15

## POSTERS (76)

1. *"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.
2. *"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.
3. *"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.
4. *"Evaluation of Obesity Measures in Relation to Clinical Outcomes in Total Knee Arthroplasty: A prospective study."* Pflederer C, Li J, **Levine BR**. 37<sup>th</sup> Annual Mid-America Orthopaedic Association Meeting, Miramar Beach, FL, April 10-14, 2019.
5. *"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.
6. *"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.
7. *"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.
8. *"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.
9. *"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.
10. *"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.
11. *"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.
12. *"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.

## POSTERS CONTINUED

13. *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.
14. *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.
15. *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.
16. *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.
17. *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.
18. *High Rate of Failure Following Revision of a Failed Constrained Liner.* Hellman MD, Kaufmand 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.
19. *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.
20. *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.
21. *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.
22. *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.
23. *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,
24. Berger RA, Sporer SM, **Levine BR**. 2017 Annual Meeting of American Academy of Orthopaedic Surgeons (AAOS). San Diego, CA, March 14-18, 2017.
25. *Do Mortality and Complication Rates Differ Between Periprosthetic and Native Hip Fractures?* Haughom B, **Levine BR**, Della Valle CJ. 26<sup>th</sup> Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 11-13, 2016.

## POSTERS CONTINUED

26. *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.
27. *"A Retrospective Review of Rotating Hinge Knee Arthroplasty Outcomes."* Petersen K, Sporer SM, Della Valle C, Culp B, **BR Levine**. 2016 Mid-America Orthopaedic Association Annual Meeting, Bonita Springs, FL, April 13-17, 2016.
28. *"An Analysis of the Orthopaedic In-Training Examination Journal References: Have They Changed 10 Years Later?"* Haughom BD, Hellman MD, **BR Levine**. 2015 Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
29. *"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, **BR Levine**. 2015 Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015.
30. *"Non-Modular, Fluted, Tapered, Grit-Blasted Titanium-Alloy Revision Stems: Early North American Results."* Hellman MD, Haughom BD, **BR Levine**. 33rd Mid-America Orthopaedic Association Annual Meeting, Hilton Head, SC, April 22-26, 2015
31. *"Perceived Leg Length Discrepancy Following Total Knee Arthroplasty."* Yi PH, Goldstein Z, Tetreault MW, Sporer SM, **BR Levine**. 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 25-28, 2015.
32. *"An Assessment of the Short-Term Morbidity and Mortality Following Patellofemoral Arthroplasty."* B Haughom, Schairer WW, M Hellman, Nwachukwu BU, **BR Levine**. 2015 Annual Meeting of the American Academy of Orthopaedic Surgeons, Las Vegas, NV, March 25-28, 2015.
33. *"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, **BR Levine**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
34. *"Does Gender Impact Transfusion Rates with Tranexamic Acid Following Knee Arthroplasty."* Haughom BD, Hellman MD, Ibrahim I, Belkin MN, **BR Levine**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
35. *"Perceived Leg Length Discrepancy Following Total Knee Arthroplasty."* Yi PH, Goldstein Z, Tetreault MW, Sporer SM, **BR Levine**. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
36. *"Does Prior Cartilage Restoration Negatively Impact Outcomes of Knee Arthroplasty?"* Frank RM, Plummer DR, Chalmers PN, Sporer SM, **BR Levine**, Cole BJ, Della Valle CJ. 24th Annual Meeting of The American Association of Hip and Knee Surgeons, Dallas, TX, Nov 7-9, 2014.
37. *"Research and Recommendations Regarding the Diagnosis of PJI have Failed to Reach a Cross-section of Arthroplasty Surgeons."* C Deirmengian, G Deirmengian, **BR Levine**. MSIS Open Scientific Meeting. 2014.
38. *"The Effect of Simulator Training on Safety and Clinical Performance of Common Upper Extremity Procedures."* RM Frank, L Al-Shihabi, B Erickson, R Wysocki, **BR Levine**. COA/AOA-CORD Meeting, Montreal, Canada, June 20-21, 2014.

## POSTERS CONTINUED

39. *"Synovial Inflammatory Response to the Failed Metal-on-Metal Total Hip Arthroplasty"* Chalmers PN, Walton DM, Sporer SM, **BR Levine**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
40. *"Preoperative Lab Values Correlated with Surgical Outcomes in Total Knee Arthroplasty Patients"* Edwards LH, Goldstein ZH, **BR Levine**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
41. *"Synovial Aspirate Characteristics: Do Successful and Failed Total Knee Arthroplasties Differ?"* Chalmers PN, Walton DM, Sporer SM, **BR Levine**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
42. *"Cementless vs. Cemented Tibial Implants in Primary Total Knee Arthroplasty"* Behery OA, Belkin M, **BR Levine**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
43. *"Equivalence Testing of Traditional Electrocautery, Argon Beam Coagulation, and Bipolar Sealer in Primary Total Knee Arthroplasty"* Rosenthal BD, Haughom BD, **BR Levine**. 32nd Mid-America Orthopaedic Association Annual Meeting, San Antonio, TX, April 23-27, 2014.
44. *"Effect of Design Factors on Initial Stability of Cementless Tibial Implants"* A Stoller, SM Sporer, **BR Levine**. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 11-15, 2014.
45. *"Scientific Exhibit: The Extended Trochanteric Osteotomy in Primary and Revision THA."* PH Yi, DR Plummer, **BR Levine**, WG Paprosky, CJ Della Valle, SM Sporer. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 11-15, 2014.
46. *"Synovial Aspirate Characteristics: Do Successful and Failed TKAs Differ?"* D Walton, PN Chalmers, S Sporer, **BR Levine**. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 11-15, 2014.
47. *"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, **BR Levine**, WG Paprosky, JJ Jacobs. 2014 Annual Meeting of the American Academy of Orthopaedic Surgeons, New Orleans, LA, March 11-15, 2014.
48. *"Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Knee Arthroplasty."* PN Chalmers, K Hudak, S Sporer, **BR Levine**. 31st Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 17-23, 2013.
49. *"Orthopedic Surgery Residency Application Process: Survey of Graduating Medical Students."* D Biswas, N Verma, W Virkus, **BR Levine**. 31st Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April 17-23, 2013.
50. *"Ten-Year Outcome of Serum Metal Ion Levels after Primary Total Hip Arthroplasty."* **BR Levine**, 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.
51. *"Effect of Design Factors on Initial Stability of Cementless Tibial Implants."* A Stoller and **BR Levine**. ORS 2013 Annual Meeting, San Antonio, TX, January 26-29, 2013.



## POSTERS CONTINUED

52. *"Correlation of Aspiration Results with the Etiology of Aseptic Failure in Total Knee Arthroplasty."* PN Chalmers, K Hudak, S Sporer, **BR Levine**. 22nd Annual Meeting of the American Academy of Hip and Knee Surgeons, Dallas, TX, November 2-4, 2012.
53. *"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, **BR Levine**. 2011 American Academy of Orthopaedic Surgeons Meeting, San Diego, CA, February 16, 2011
54. *"Use of a Novel Fibrin Sealant in Total Hip and Knee Arthroplasty."* N Majoras, P Patel, **BR Levine**. 28th Annual Meeting of the Mid-America Orthopaedic Association, Lost Pines, TX, April 21-24, 2010.
55. *"Early Results of a Porous Tantalum Femoral Component in Primary THA."* J Troyer, **BR Levine**. 28th Annual Meeting of the Mid-America Orthopaedic Association, Lost Pines, TX, April 21-24, 2010.
56. *"Early Experience with a Novel Non-Metallic Cable in Reconstructive Hip Surgery."* G Wera, N Ting, **BR Levine**, CJ Della Valle. 27th Annual Meeting of the Mid-America Orthopaedic Association, Amelia Island, FL, April, 22-26, 2009.
57. *"Comparative Expression Profiles of Inflammatory, Angiogenic Factors in Human Synovium and Joint Capsules Between Normal and Knee Joint Osteoarthritis."* X Li, **BR Levine**, G Cs-Szabo, H-J Im. 26th Annual Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 15-16, 2009.
58. *"Early Clinical and Radiographic Results of Porous Tantalum Primary Hip and Knee Prostheses."* **BR Levine**. 11th Symposium on Biomaterials and Biomechanics, Essen, Germany, March 5-7, 2009.
59. *"Closure of Hip Fracture Wounds Using a Topical Adhesive Without a Surgical Dressing: Reduction in Post-operative Tape Blisters."* C Deirmengian, G Evangelista, **BR Levine**. Annual Meeting of the Eastern Orthopaedic Association (EOA), 2008.
60. *"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."* **BR Levine**, 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.
61. *"Porous Tantalum in Total Hip and Knee Arthroplasty."* **BR Levine**, 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.
62. *"Use of a Tripolar Articulation in Revision Total Hip Arthroplasty."* **BR Levine**, C Deirmengian, CJ Della Valle, SM Sporer, S Weeden, WG Paprosky. Rush University Medical Center Research Day, Chicago, IL April 5-6, 2006.
63. *"Use of the Extended Trochanteric Osteotomy in Treating Periprosthetic Infection."* MG Hamming, **BR Levine**, CJ Della Valle, SM Sporer, AG Rosenberg, WG Paprosky. Rush University Medical Center Research Day, Chicago, IL April 5-6, 2006.
64. *"Applications of Porous Tantalum in Orthopaedic Surgery."* **BR Levine**, CJ Della Valle, SM Sporer, WG Paprosky, JJ Jacobs. Rush University Medical Center Research Day, Chicago, IL April 5-6, 2006.
65. *"Extended Trochanteric Osteotomy for the Treatment of Periprosthetic Fracture: A minimum 2-year follow-up Study."* PB Lewis, **BR Levine**, CJ Della Valle, SM Sporer, AG Rosenberg, WG Paprosky. Rush University Medical Center Research Day, Chicago, IL April 5-6, 2006.

## POSTERS CONTINUED

66. "Isolated Acetabular Revision Secondary to Aseptic Loosening? A case report." **BR Levine**, C Deirmengian, W Paprosky. 2nd Annual Joint Arthroplasty Young Investigators' Conference, Chicago, IL March 21, 2006.
67. "Surgical Approaches in THA: Review of mini-incision, MIS, and CAOS techniques." **BR Levine**, G Klein and P DiCesare. Senior Research Project, HJD/NYU, NY, NY January 12, 2005.
68. "Medial Pivot Knee Replacement." **BR Levine**, M Baskies, B White, and SA Stuchin. 72nd Annual Meeting of the American Academy of Orthopaedic Surgeons, Washington, DC, February 2005.
69. "The Utility of Blood Culture Vial Specimens in Intraoperative Detection of Infection." **BR Levine** and B Evans. 66th Annual Meeting of American Academy of Orthopaedic Surgeons, Anaheim, CA, February 1999.
70. "The Utility of Blood Culture Vial Specimens in Intraoperative Detection of Infection." **BR Levine** and B Evans. 13th Annual Georgetown University Research Days—Clinical Division, Washington, DC, March 1999.
71. "Cycloadditions of 5-azido-5-deoxyaldopentoses with Acetylenes: Regiochemical Outcome and Manipulation to Acyclic Nucleoside Analogs." **BR Levine**, P Norris, R Luck, JV Silverton, and D Horton. 30th American Chemical Society Middle Atlantic Regional Meeting, Philadelphia, PA, May 1996.
72. "Applications of In Situ mRNA Hybridization for Detection of Regulatory Peptides." **BR Levine**, 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.
73. "Effects of Vacuum on Immunocytochemical Staining and In Situ mRNA Hybridization." **BR Levine** and JGu. 1st Annual Deborah Research Institute Science Fair, Browns Mills, NJ, August 1995.
74. "Synthesis of Triazoles by Cycloaddition of Acetylenes with 5-azido-5-deoxy-D-Ribose and 5-azido-5-deoxy- D-Xylose Derivatives." **BR Levine**, D Horton and P Norris. Abstracts of Papers, 29th American Chemical Society Middle Atlantic Regional Meeting, Washington, DC, May 1995.
75. "A New Route to Iminosugars." **BR Levine**, D Horton and P Norris. Abstracts of Papers, 209th National Meeting of the American Chemical Society, Anaheim, CA, April 1995.
76. "Synthesis of Xylose Derivatives as Potential Glycosidase Inhibitors." **BR Levine**, D Horton and P Norris. 5th Annual College of Arts and Sciences Research Conference (American University) Washington, DC, March 1995.