

CURRICULUM VITAE

Jessica Hea Soo Lee, M.D.

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EDUCATION/TRAINING:

- 08/2020-07/2022 **Colorado University Hip Preservation Fellowship** (Boulder, CO)
Hip Preservation Fellow
- 08/2019-07/2020 **Orthopedic Institute of the West: Hedley Adult Reconstruction Fellowship** (Phoenix, AZ)
Adult Reconstruction Fellow
- 07/2013-06/2019 **Wright State University Department of Orthopedic Surgery** (Dayton, OH)
Degree: Certificate of Residency
- 08/2009-05/2013 **Indiana University School of Medicine** (Indianapolis, IN)
Degree: Medical Doctorate
- 08/2005-05/2009 **University of Notre Dame** (Notre Dame, IN)
Undergraduate Major: Biological Sciences
Degree: Bachelor of Science

HOSPITAL EMPLOYMENT:

- 08/2020-present **University of Colorado Medicine: CU Hip Preservation Clinic**
Boulder Community Hospital (Boulder, CO)
Broomfield Hospital
Highlands Ranch Hospital
Anschutz Medical Center
Senior Instructor (Physician)
- 10/2019-07/2020 **Department of Veterans Affairs Hospital** (Phoenix, AZ)
Staff Physician
- 08/2019-07/2020 **Tenet Health: Abrazo Scottsdale** (Scottsdale, AZ)
Staff Physician
- 07/2013-06/2019 **Wright State University Department of Orthopedic Surgery** (Dayton, OH): **Miami Valley Hospital**
Orthopedic Surgery Resident

LICENSURE:

- 04/06/20-current Colorado Medical Board
- 08/30/19-present Board Eligible Status: American Board of Orthopaedic Surgery
- 04/2019-04/2022 Arizona Medical Board

CERTIFICATIONS:

- 09/2021-present **MAKO** (Total Knee Arthroplasty/Total Hip Arthroplasty)
- 08/2009-present **ACLS** (recertified 04/2023)

08/2009-present **BLS** (recertified 04/2023)

MEMBERSHIPS:

08/2020-present **ISHA--Member**

07/2020-present **Women in Arthroplasty (WIA)--Committee Member/Industry Liaison**

03/2017-present **AAHKS--Member**

07/2013-present **AAOS-- Member**

PRESENTATIONS:

5/8/24 **Hip Dysplasia:** Sports Medicine Fellowship Core Curriculum 2022-2023 (UC Anschutz, Aurora, CO)

1/18/24 **Hip Arthritis in the Active Patient and Activity after Total Joint Arthroplasty** (UCHealth PT)

10/8/23 **Hip Instability in an Athlete: ISHA 2023** (Cape Town, South Africa)

10/3/2023 **Low-Dose Ketamine Following Periacetabular and/or Femoral Osteotomy is Associated with a Significant Reduction in Postoperative Opioid Requirements and Pain**, N.G. Girardi BA , S. Malin MD , C. Zielinski PhD , J.H. Lee MD , K. Henry BA , M.J. Kraeutler MD , O. Mei-Dan MD

9/15/23 **Hip Arthritis in the Athlete Treatment with and without replacement and sports**
(CUSM Fall Symposium: Lower Extremity, Boulder ,CO)

6/28/23 **Sports Medicine Fellow Chalk Talk** (Core Curriculum; CUSM, SHCD, Boulder ,CO)

5/31/23 **Pelvis, Hip, SI Joint and Lumbar Spine Clinical Conundrum: What's it all about?**
(ACSM 2023, Denver, CO)

5/10/23 **Hip Dysplasia:**Sports Medicine Fellowship Core Curriculum 2022-2023 (UC Anschutz, Aurora, CO)

5/3/23 **PT and the Arthritic Knee** (CUSM: Boulder, CO)

3/15/23 **Relieving Hip Pain in Teens and Active Adults** (BCH; Boulder, CO)

1/18/23 **Physical Therapy and the Total Hip Arthroplasty** (CUSM: Boulder, CO)

10/2022 **Arthroscopic Bone Grafting of Deep Acetabular Cysts: A Retrospective Case Series** (ISHA 2022, Glasgow, UK)

10/2022 **Periacetabular Osteotomy in the Athletic Middle-Aged Patient: An Outcomes Study on Patients Aged 45 Years and Older** (ISHA 2022, Glasgow, UK)

10/2022 **ICL: The Role of the Interlocking Pelvic Osteotomy** (ISHA 2022, Glasgow, UK)

10/2022 **Periacetabular Osteotomy in the Athletic Middle-Aged Patient: An Outcomes Study on Patients Aged 45 Years and Older** (ISHA 2022, Glasgow, UK)

10/2022 **The "X" and the "M": A Technique for Optimizing Hip Labrum Suction Seal with a Double-Limb, Oblique Inverting Mattress Stitch** (ISHA 2022, Glasgow, UK)

6/25/2022 **It's all in the Hips: An Educational but HIP Presentation**

(Musculoskeletal Galaxy Conference 2022, AAPA, Denver, CO).

- 06/2021 **DGEMRIC Value Correlates With Hip Arthroscopy Intra-articular Findings, but Does Not Predict Mid-Term Periacetabular Osteotomy Outcomes. James S. Miles Lectureship.** Podium Presentation (Aurora, CO) Jessica Lee MD, Darby Houck, Omer Mei-Dan MD
- 05/2017 **Hospital Discharge Within 1 Day Following Total Joint Arthroplasty in a Veterans Affairs Hospital Does Not Increase Complication and Readmission Rates.** Podium Presentation, DAGMEC (Dayton, Ohio) Eric Kiskaddon MD, Jessica Lee MD, Brett Meeks MD, Spencer Barnhill MS, Anil Krishnamurthy, MBBS.
- 05/2017 **Guided vs. Free Hand Patella Resurfacing: The Effect on Patellar Tracking.** Poster Presentation, MAOA Daniel Luckenbill MD, Jessica Lee MD, Rufus Van Dyke MD, Anil Krishnamurthy MBBS.
- 06/2015 **The Impact of the 80 Hour Work Week on Orthopaedic In-Training Examination and the American Board of Orthopaedic Surgery Part 1 Examination Scores.** Poster Presentation, AOA (Providence, RI) Peter Shorten, MD, Jessica Lee, MD, Ronald Markert, PhD, Richard Laughlin, MD. (submitted for publication JSE)

PUBLICATIONS:

- 04/2024 **The Windshield Wiper Sign, An Instability-Related Osteochondral Defect of the Anterolateral Femoral Head Arthroscopy: The Journal of Arthroscopic & Related Surgery** Nicholas G. Girardi; Matthew J. Kraeutler; Mary K. Jesse; Jessica H. Lee; James W. Genuario; Omer Mei-Dan <https://doi.org/10.1016/j.arthro.2023.08.024>
- 04/2024 **Arthroscopic Femoral Head Allograft With Proximal Femoral/Periacetabular Osteotomies for Sequelae of Perthes: A Case Report.** Girardi, Nicholas G. BA; Kraeutler, Matthew J. MD; Lee, Jessica H. MD; Merkle, Alex N. MD; Mei-Dan, Omer MD JBJS Case Connector 14(2):e23.00582, April-June 2024. | DOI: 10.2106/JBJS.CC.23.00582
- 03/2024 **The Everted Acetabular Labrum: Outcomes of Surgical Management.** Girardi NG, Lee JH, Genuario JW, et al. *The American Journal of Sports Medicine.* 2024;52(6):1563-1571. doi:[10.1177/03635465241237252](https://doi.org/10.1177/03635465241237252)
- 02/2024 **Sports Injury Prevention, Rehabilitation, and Return to Play Considerations in Extreme and Adventure Sport Athletes.** Lee, J.H., Mei-Dan, O In: Doral, M.N., Karlsson, J. (eds) Sports Injuries. Springer, Berlin, Heidelberg. (2024)https://doi.org/10.1007/978-3-642-36801-1_474-1
- 08/2023 **During Postless Hip Arthroscopy, Male Patients, High BMI, Low Beighton Scores, and Limited Range of Motion Require High Traction Force, Arthroscopy,** Girardi NG, Kraeutler MJ, Keeter C, Lee JH, Henry K, Mei-Dan O, *The Journal of Arthroscopic and Related Surgery* (2023), doi: <https://doi.org/10.1016/j.arthro.2023.08.024>.
- 11/2022 **A Technique for Optimizing Hip Labrum Suction Seal With a Double-Limb, Oblique Inverting Mattress Stitch: The “X” and the “M” Configurations,** Jessica H. Lee, James W. Genuario, Matthew J. Kraeutler, Omer Mei-Dan, *Arthroscopy Techniques*, Volume 11, Issue 11, 2022, Pages e1917-e1921, ISSN 2212-6287, <https://doi.org/10.1016/j.eats.2022.07.005>.
- 09/2022 **Correlation of Delayed Gadolinium-Enhanced MRI of Cartilage (dGEMRIC) Value With Hip Arthroscopy Intraoperative Findings and Midterm Periacetabular Osteotomy Outcomes.** Lee JH, Houck DA, Gruizinga BA, Garabekyan T, Jesse MK, Kraeutler MJ, Mei-Dan O. *Orthop J Sports Med.* 2022 Sep 2;10(9):23259671221117606. doi: 10.1177/23259671221117606. PMID: 36081408; PMCID: PMC9445473.
- 05/2018 **Hospital Discharge Within 1 Day After Total Joint Arthroplasty From a Veterans Affairs Hospital Does Not Increase Complication and Readmission Rates** Eric Kiskaddon MD, Jessica Lee MD, Anil Krishnamurthy MD. *The Journal of Arthroplasty* , Volume 33 , Issue 5 , 1337 - 1342

- 07/2017 **Factors Predicting Admission to Extended Care Facility After Distal Femoral Fracture**
(Dayton, OH) Michael Boin MD, Jessica Lee MD, Richard Laughlin, MD. Current Orthopaedic Practice
- 02/2017 **Flexor Hallucis Longus Tendon Transfer Fixation: A Biomechanical Analysis of the Effects of a Terminal Whipstitch and Tunnel Depth.** Jessica Lee, MD, Chad Williams, MD, Charles Lowrey, BS, Greg Gould BS, Ronald Markert PhD, Richard Laughlin MD. 02.2017
- 11/2009 **Influence of structural complexity on bat activity at palustrine habitats in the northern Great Lakes region.**
(Land O' Lakes, WI) Gavin M. Leighton B.S., Jessica H. Lee B.S., Karen E. Francl, Ph.D. The Michigan Academician, Holland, MI, 39(3):163-176. 11.2009

Pending Publication:

- 07/2024 **Revision Total HIP Arthroplasty [Textbook] : Extra-Articular Muscle and Tendon Pathology: Lateral Trochanteric pain, Abductor Deficiency, and Iliopsoas Impingement.** Jessica H Lee, MD
- 07/2024 **Association Between Low-Dose Ketamine After Periacetabular and/or Femoral Osteotomy and Postoperative Opioid Requirements** N.. Girardi, BA, S. Malin MD, C. Zielenski PharmD, J. H. Lee MD, K. Henry BA, M. Kraeutler MD, and O. Mei-Dan MD

LEADERSHIP EXPERIENCES:

- 03/2022-present **AAHKS-Industry Relations**
Committee Member
- 03/2022-present **Women in Arthroplasty**
Committee Member, Industry Liaison
- 07/2016-07/2019 **Wright State University Resident Council** (Dayton, Ohio)
Orthopedic Surgery Resident Representative
- 02/2010-present **Medical Student Missions** (Verrettes, Haiti)
Secretary (Executive Board Position)
- 05/2012-05/2013 **Indiana University School of Medicine Student Promotions Committee** (Indianapolis, IN)
Student Representative-Dean Appointed Position

ACADEMIC CONTRIBUTIONS:

- 10/23/2023 Lee, J.H., Mei-Dan, O. (2024). Sports Injury Prevention, Rehabilitation, and Return to Play Considerations in Extreme and Adventure Sport Athletes. In: Doral, M.N., Karlsson, J. (eds) Sports Injuries. Springer, Berlin, Heidelberg. https://doi.org/10.1007/978-3-642-36801-1_474-1
- 11/2022 **Essentials of Cemented Total Knee Arthroplasty: Sensor Based Technologies in Total Knee Arthroplasty**
Chapter Author
- 06/2022-present **Women in Arthroplasty (WIA) Summer Virtual Educational Event: Event Organizer**
Women in Arthroplasty (WIA) Booth Crawl: Event Organizer
- 06/2022-present **Industry Relations Committee (AAHKS)**
- 10/2022 **Instructional Course Lecture 3.2: Dysplasia: The Role of the Interlocking Pelvic Osteotomy (ISHA 2022: Glasgow, UK)**

06/2022

It's all in the Hips: An Educational but Hip Presentation: Musculoskeletal Galaxy Hip Conference 2022
(AAPA; Denver, CO)

05/2021

FOCAL Curriculum: Contributor