

JAMES J LEE, MD

TRAINING AND EDUCATION

Hospital For Special Surgery, New York, NY
Interventional Spine & Sports Medicine Fellowship (8/2014 - 7/2015)

- Team Physician Coverage for St. Peter's
- Men's and Women's Basketball, Soccer
- Team Physician Coverage for St. John's University
- Women's Soccer



New York-Presbyterian Hospital-Columbia/Cornell— New York, NY
Rehabilitation Medicine Residency (7/2011 – 6/2014)
6 Clinical Sites:

- NYP-Columbia University Medical Center
- NYP-Weill Cornell Medical Center
- Memorial Sloan- Kettering Cancer Center
- Hospital for Special Surgery
- Burke Rehabilitation Center
- Blythedale Children's Hospital

New York Hospital Queens— Flushing, NY
Affiliate of New York-Presbyterian Hospital, Weill Medical College of Cornell University
Transitional Year Program (7/2010 – 6/2011)

SUNY Downstate College of Medicine, Brooklyn, NY
Doctor of Medicine, 2010 (8/2006 - 5/2010)

Queens College, Flushing, NY
Post baccalaureate Pre-med Studies, (11/2004 - 5/2005)

Cooper Union for the Advancement of Science and Art, New York, NY
Bachelor of Engineering degree in Mechanical Engineering, 1998 (9/1994 - 5/1998)

CERTIFICATIONS

Certified, American Board of Physical Medicine and Rehabilitation 2015 - 2025

PROFESSIONAL PRACTICE

2015 – Orthopaedic Associates of Michigan, PC – Grand Rapids, MI

Curriculum Vitae: **James J. Lee, MD**

RESEARCH EXPERIENCE

Hospital for Special Surgery, New York, NY (7/2013 – 7/2015)

- Ultrasound-Guided PRP Versus Whole Blood Injection for the Treatment of Gluteus Medius Tendinopathy: A Double-Blind Randomized Controlled Trial (Dr. P. Moley)
 - Evaluation of two treatment groups, IRB Approved, Currently recruiting participants
- Retrospective Study of PRP for The Treatment of Gluteus Medius Tendinopathy
 - Evaluation of pain, function, disability for a cohort treated with PRP (Dr. P. Moley)
 - Accepted for poster presentation at the 2015 HSS Annual Fellows Research Day
- Fluoroscopically Guided Caudal ESI for Axial LBP as a Result of Central Disc Protrusions: A Prospective Outcome Study (Dr. G. Lutz, Dr. P. Moley)
 - Evaluation of pain, function, patient satisfaction for a cohort of treated with a caudal ESI
 - Accepted for poster presentation at the 2015 HSS Annual Fellows Research Day

New York-Presbyterian Hospital-Columbia/Cornell, New York, NY (10/2011- 6/2014)

- Evaluation of Musculoskeletal Ultrasound Learning: Live Instructor vs. Video-Led Instruction vs. Self-Directed Learning (Dr. C. Visco)
 - Creation of original MSK US instructional video teaching US fundamentals, knobology, scanning techniques, and anatomical measurements using US

SUNY Downstate College of Medicine, Brooklyn, NY

- Case Report publication to the Association of Academic Physiatrists (Accepted for Presentation to 2010 Annual Meeting): CNS manifestations of a patient with HTLV associated primary lymphomatous meningitis, Jackie Weisbein, MD, Paul Pipia, MD, James Lee, MS4. (4/2009)
- Selenium and Vitamin E Cancer Prevention Trial (SELECT), 2007
 - Assisted Dr. Richard Macchia in conducting the Selenium and Vitamin E Cancer Prevention Trial (SELECT) (2007) for prostate cancer
 - Responsible for participant vital signs, interviews, entering participant data in the SELECT database and by ensuring that participants received digital rectal exams and blood draws for PSA levels.

University of Westminster, London, England (5/1996 – 8/1996)

- Investigated the biomechanical properties of rat tail tendon which was used for modeling and analysis of biomechanical characterization of human tissues in Dupuytren's disease (Led by Dr. Andrew Afoke)
- Dissected and prepared rat tail tendon fascicles from Sprague-Dawley rats
- Tested and characterized rat tail tendon's physical and material properties including temperature related tensile strength curves and fiber-matrix ratios
- Dr. Andrew Afoke's biomechanical characterization of Dupuytren's disease was published in 1998

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RESEARCH EXPERIENCE (Continued)

Northrop Grumman, Advanced Technology & Development Center, Bethpage, NY (1997-98)

- Assisted Dr. Ray Meilunas in experimentation and analysis for several DARPA funded research and development projects
- Microcharacterization of thermal degradation mechanisms in polymer composite systems with IR Synchrotron radiation at Brookhaven National Laboratory's National Synchrotron Light Source
- Characterization and analysis of fiber-matrix interface regions of polymer composite materials using an Atomic Force microscopy (Digital Instruments Atomic Force Microscope)
- Developed polishing protocols for interface regions of advanced ceramic composites, composite core honey-comb structures, single-fiber graphite-polyamide composites, and polymer composites
- Responsible for the design and construction of a purge-gas seal for a FT-IR spectrometer
- Development and documentation of heated-cell cure cycle, diffuse reflectance, and KBr pellet transmission FT-IR spectroscopy methods for advanced ceramic matrix composite materials analysis

AWARDS AND HONORS

- The National Dean's List 1995, 1997
- United States Academic Academy All-American Scholar, 1997
- National Engineering Week Structure Design Winner, 1997

LEADERSHIP EXPERIENCE

Weill Medical College of Cornell University

- Instructor, Spine Physical Exam Workshop for 2nd year medical students, 3/12/2013
- Resident representative for PM&R at the annual Cornell medical student career night, 2/11/2013

Columbia University College of Physicians and Surgeons

- Resident Instructor, Musculoskeletal Exam Workshop for 2nd year medical students, 12/2/2013 and 11/26/2013

PUBLICATIONS

- Lee, JJ, Harrison, JR, Boachie-Adjei, K, Vargas, E., Moley, PJ, "Platelet-Rich Plasma Injections with Needle Tenotomy for Gluteus Medius Tendinopathy: A registry study with prospective follow up" Orthop J Sports Med, 2016 Nov 9; 4(11) 23259671116671692 eCollection 2016 Nov.

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PROFESSIONAL MEMBERSHIPS AND COURSES

- International Spine Intervention Society, Fellow Member 2014-15
 - Attended the ISIS Lumbar Bio-Skills Course, 10/10 - 10/12/2014
 - Attended the ISIS Advanced Cervical Spine Course, 4/24 - 4/26/15
- American Medical Society for Sports Medicine
 - Attended the Introduction to MSK Ultrasound Course, 4/4/2014
 - Attended the Advanced MSK Ultrasound Course, 4/5/2014
 - Attended the Advanced Ankle and Foot MSK Ultrasound Course, 4/7/2014
- New York Society of Physical Medicine & Rehabilitation
 - Attended MSK Ultrasound Workshop, 12/3/2011
- Multidisciplinary Evaluation and Management of Spine Pain Course
 - Attended on 5/5/2012
 - Attended on 5/10/2014
- American Academy of Physical Medicine & Rehabilitation, Resident Member
- Association of Academic Physiatrists, In-training member, 2009-10

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ACADEMIC PRESENTATIONS

Hospital for Special Surgery

- Sports Medicine Core Conference Lecture: Transient Quadriplegia, Cervical Disc Herniations and Quadriplegia, 9/18/14
- Physiatry Grand Rounds Spine Conference: Case Presentations
 - 9/9/14, 10/14/14, 11/11/14, 12/9/15, 1/13/15, 2/10/15, 3/10/15, 4/14/15, 5/12/15
- Physiatry Grand Rounds Lecture: Gluteus Medius Tendinopathy – RCT of PRP vs WB, 2/3/2015
- Physiatry Grand Rounds Lecture: Low Back Pain in The Adolescent Athlete, 6/25/2013

New York-Presbyterian Hospital -Columbia University Medical Center

- Functional Anatomy of the Wrist - 4/13/2012
- Lumbar Spine Pathology, Management, and Radiology – 8/13/2012
- Chairman Rounds - Case Presentation: Patient with DRESS syndrome, 8/30/2011
- Chairman Rounds - Case Presentation: Patient with Lupus cerebritis and longitudinal myelitis, 12/5/2012
- Lumbar Spine: Functional Anatomy & Pathology, Management, and Radiology – 8/9/2013
- Ankle Foot Orthoses – Columbia EMG Department Presentation – 1/31/14

Burke Rehabilitation Center and Blythedale Children's Hospital

- Overview of Myotonic Dystrophy, 7/20/2011
- Spina Bifida, 10/31/2011
- Spinal Muscular Atrophy vs. Duchenne Muscular Dystrophy 4/30/2014

Memorial Sloan-Kettering Cancer Center

- Leptomenigeal Metastasis: Management and Rehabilitation, 3/13/2013
- Paraneoplastic Cerebellar Degeneration, 12/21/2011

PRIOR WORK EXPERIENCE

Accenture, New York, NY Management Consultant, 1998-2003

- Designed, developed tested business solutions for pharmaceutical & financial services companies.
- Consultant for PIMCO for creation and integration of a portfolio management portal
- Consultant for Goldman Sachs, Merrill Lynch, Deutsche Bank and Morgan Stanley for creation of an online bond trading application (BondBook) and for validation of securities data
- Consultant for Johnson & Johnson for development of an Online Report Retrieval (ORR) system used for reporting adverse events to the FDA
- Developed a training database for Wyeth-Ayerst Pharmaceuticals in order to train employees with Accenture's Safety Surveillance System (S3) adverse event reporting system

Gunn Allen Financial, Westbury, NY Financial Consultant, 2003

- Series 7 and Series 63 licensed financial consultant
- Portfolio management of common/preferred stock, IPO's, private placements, bonds, mutual funds
- Top producing first year financial consultant at local branch

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VOLUNTEER AND SPORTS EXPERIENCE

Hospital for Special Surgery, New York, NY

- St. Peter's University Pre-Participation Physicals, 5/7/2013, 8/2014-2015
- St. Peter's University Team Physician Coverage
 - Men's and Women's Soccer, Basketball
- St. John's University Team Physician Coverage
 - Women's Soccer, Basketball and Men's Lacrosse
- Big East Indoor Track Championships at The Armory, 3/1/2015

Columbia University Athletics, New York, NY

- Pre-Participation Physicals with Sports Medicine Faculty
For Men's & Women's teams, 8/2012

NYC Marathon, New York, NY

- 2011 Medical Volunteer for post-finish runners, 11/4/2011

Living Faith Community Church, Flushing, NY

- Flushing Manor Nursing and Rehabilitation Outreach (2/2013 - Current)
- Volunteer, Children's Education Ministry (1/2013 - Current)

Kings County Hospital Center, Brooklyn, NY

- Volunteer, 2007 ATLS training course, Dept. of Trauma Surgery

The Korean Church of Queens, Jackson Heights, NY

- Participated in medical and dental mission trips to Siberia, Russia
(Summer of 1994, 2002)
- Participated in the Elm-York Adult Home outreach ministry (1994-2003)
- Riker's Island Prison Fellowship outreach (1995-2002)

Cooper Union for the Advancement of Science and Art, New York, NY

- Played NCAA Division III Men's Basketball at Cooper Union (1994-1995)