# STEVEN D. LEVIN, MD, MBA Curriculum Vitae

### **PERSONAL DATA:**

**Current Positions** Orthopaedic Surgeon

NorthShore University HealthSystem

Assistant Clinical Professor

Orthopaedic Surgery

University of Chicago Pritzker School of Medicine

Work Address NorthShore University HealthSystem

Department of Orthopaedic Surgery

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Citizenship United States of America

### **EDUCATION:**

**High School** New Trier East H.S. 1975

Winnetka, Illinois

**Undergraduate** Northwestern University 1975-1979

Evanston, Illinois

B.A. Honors Philosophy

Minor Biology

Graduate Chicago Medical School 1981-1985

North Chicago, Illinois

M.D.

Chicago Booth the University of Chicago Booth School April 2018

of Business Chicago, Illinois

**MBA** 

#### **POST-GRADUATE EDUCATION:**

| Internship | Michael Reese Hospital/University of Chicago | 1985-1986 |
|------------|--|-----------|
|------------|--|-----------|

Chicago, Illinois

General Surgery post-graduate year I

St. Luke's/Roosevelt Hospital 1986-1987

New York City, New York

General Surgery post-graduate year II

#### Clinical Fellowship Orthopaedic Surgery and Trauma 1987-1988

Catholic Medical Center Queens, New York

#### Orthopaedic Research / Trauma Fellowship

Orthopaedic Surgery and Trauma 1988-1989

Boston University Medical Center

Boston City Hospital Boston, Massachusetts

# **Residency** State University of New York at Buffalo 1989-1993

Buffalo, New York

Orthopaedic Surgery Residency

### **Fellowship** Orthopaedic Sports Medicine Fellowship, 1993-1994

Jack C. Hughston, MD

Fellowship in Shoulder Surgery, George M. McCluskey, III, MD The Hughston Clinic, P.C.

Columbus, Georgia

### **Additional Education**

American Orthopaedic Association

Northwestern University

Kellogg School of Management

Leadership Program Evanston, Illinois

Kellogg Management Institute Certificate

Northwestern University

Kellogg School of Management

Evanston, Illinois

2003

2004

| New York      | 1986  |
|---------------|-------|
| Massachusetts | 1987  |
| Georgia       | 1993  |
| Illinois      | 1985, |

1994-current

### **CERTIFICATION**

| NBME Part I  | 1985 |
|--------------|------|
| NBME Part II | 1986 |

American Board of Orthopaedic Surgery (ABOS)

| Part I written                 | 1993 |
|--------------------------------|------|
| Part II oral                   | 1996 |
| ABOS Board Certified           | 1996 |
| ABOS re-certified              | 2006 |
| valid through December 31 2016 |      |

valid through December 31, 2016

ABOS re-certified 2017

valid through December 31, 2026

Sub-specialty certification Orthopaedic Sports Medicine 2014

valid through December 31, 2026

Certified Level 2 Immediate Care in Rugby

Accredited Medic July 2015

# **ACADEMIC APPOINTMENTS**

| Instructor, Gross Anatomy | 1982 |
|---------------------------|------|
| Chicago Medical School    |      |

North Chicago, Illinois

Assistant Clinical Instructor, Orthopaedic Surgery 1988-1989

Boston University Medical Center

Boston, Massachusetts

Assistant Clinical Instructor, Orthopaedic Surgery 1989-1993

State University of New York at Buffalo

Buffalo, New York

1999-2002

|                | Assistant Clinical Instructor<br>Orthopaedic Sports Medicine<br>Tulane University Medical School<br>New Orleans, Louisiana | 1993-1994    |
|----------------|--|--------------|
|                | Assistant Professor Orthopaedic Surgery Feinberg School of Medicine Northwestern University Evanston, Illinois             | 2002-2009    |
|                | Assistant Clinical Professor Orthopaedic Surgery<br>University of Chicago Pritzker School of Medicine<br>Chicago, Illinois | 2009-present |
| HOSPITAL STAFF | APPOINTMENTS   |              |
|                | Chief resident<br>Buffalo Children's Hospital, Buffalo, New York   | 1992         |
|                | Chief resident<br>Erie Count Medical Center, Buffalo, New York   | 1993         |
|                | Chief resident<br>Buffalo General Hospital, Buffalo, New York  | 1993         |
|                | Chief resident<br>Veterans Administration Hospital, Buffalo, New York  | 1993         |
|                | Fellow Sports Medicine/Shoulder Surgery<br>Hughston Clinic, Columbus, Georgia  | 1993-1994    |
|                | Alexian Brothers Medical Center<br>Elk Grove, Illinois   | 1994-2002    |
|                | St. Alexius Medical Center<br>Hoffman Estates, Illinois  | 1994-2002    |
|                |  |              |

Golf Surgical Center Park Ridge, Illinois NorthShore University HealthSystem

Evanston Hospital Evanston, Illinois

2002-present

Glenbrook Hospital Glenview, Illinois

Highland Park Hospital Highland Park, Illinois

Skokie Hospital Skokie, Illinois

River North Sameday Surgery Center

Chicago, Illinois

2007-present

### **ADMINISTRATIVE APPOINTMENTS**

Division Head, Sports Medicine Evanston Northwestern Healthcare 2002-2005

# **COMMITTEE SERVICE:**

#### UNIVERSITY ORGANIZATIONS

Resident Selection Committee Northwestern University Feinberg School of Medicine Department of Orthopaedic Surgery 2004-2007

#### **HOSPITAL ORGANIZATIONS**

Business Committee 2003

Evanston Northwestern Healthcare

Chairman, Orthopaedic Surgery Division 2004-2006

Performance Improvement Committee Evanston Northwestern Healthcare

Department of Orthopaedic Surgery 2004-2006

Chairman Search Committee

Evanston Northwestern Healthcare

#### PROFESSIONAL ORGANIZATIONS

Arthroscopy Association of North America 2007

Research Committee

American Orthopaedic Society Sports Medicine

Self-Assessment Committee Reviewer 2018-2019 Self-Assessment Committee Question Writer 2019-2021

American Shoulder and Elbow Society

Innovation and Strategic Planning Committee August 2020-present

### AWARDS, HONORS, AND DISTINCTIONS

**Dean's List, Northwestern University** 1975-1979

Levin SD, Terry GC.

**DePuy Sports Medicine Research Grant** 

Columbus, Georgia

Resident's Award Scholarship 1996

**Associate Master Instructors** 

Arthroscopy Association of North America

Rosemont, Illinois

James K. Stack, M.D. Teaching Award 2007

Teacher of the Year

Northwestern University Feinberg School of Medicine

Department of Orthopaedic Surgery

Chicago, Illinois

Consumer's Research Council of America 2008, 2011

**America's Top Orthopaedists** 

Sports Medicine Shoulder and Knee Surgery

Best Doctors of America 2007, 2008

Charles S. Neer, II, MD Award

American Shoulder and Elbow Surgeons Open Meeting 2012

San Francisco, California

Cerebral Oxygenation in the Beach Chair Position:

The Effect of General Anesthesia Compared to Regional Anesthesia

### PROFESSIONAL SOCIETY MEMBERSHIPS

American Academy of Orthopaedic Surgeons – Fellow
American Heart Association – Advanced Cardiac Life Support
American Orthopaedic Society for Sports Medicine
Arthroscopy Association of North America
American Shoulder and Elbow Society - Candidate Member
Hughston Sports Medicine Society – Active Member
Chicago Medical Society
Illinois State Medical Society
Illinois Association of Orthopaedic Surgeons
United States Handball Association

#### **EDUCATIONAL PRESENTATIONS**

<u>Levin SD</u>, Wasilewski S & Yablon IG, First Annual Problem Fractures and New Frontiers in Orthopaedic Surgery, Department of Orthopaedic Surgery, Boston, Massachusetts, October, 1998.

<u>Levin SD</u>, Colucci MA, Gillespie R, Brody AS & Asirwatham JS, Correlation of Magnetic Resonance Imaging with Histopathology in Direct Blunt Trauma to the Canine Femoral Condyle: An Anterior Cruciate Ligament Tear -Assimilated Model

- A. The American Orthopaedic Association 26th Annual Resident's Conference, Seattle, Washington. March 17-20, 1993
- B. American Academy of Orthopaedic Surgeons 61st Annual Meeting, New Orleans, Louisiana. February 1994
- C. Resident's and Fellow's Arthroscopy Conference, Scottsdale, Arizona. January 1993

McCluskey GM III & Levin SD, Shoulder Prosthetic Replacement for Primary Osteoarthritis Section on Orthopaedic and Traumatic Surgery, Southern Medical Association's 88th Annual Scientific Assembly, Orlando, Florida, November 1994.

McCluskey III GM, & <u>Levin SD</u>, Prosthetic Replacement for Degenerative Lesions of the Shoulder, Hughston Sports Medicine Scientific Day, Hughston Sports Medicine Clinic, Columbus, Georgia, June 1994.

- <u>Levin SD</u>, Makhsous M, Zhang LQ, Lin F, Hogfors C, Nuber GW, Passive Restraining Forces by the Glenohumeral Capsuloligaments, International Shoulder Group Meeting, Newcastle, England, August 2000.
- <u>Levin SD</u>, A Retrospective Review of ACL and Meniscal Allograft Transplantation in the Early Degenerative Knee.
  - A. Allografts in Orthopaedic Surgery, The Illinois Orthopaedic Society Meeting, Champaign, Illinois. April 6, 2001.
  - B. The Hughston Society Annual Scientific Meeting, Columbus, Georgia. June 6-9, 2001.
- <u>Levin SD</u>, Zhang LQ, Makhsous M, Lin AF, Koh JL, Nuber GW, Biomechanical Analysis of Partial Rotator Cuff Tear and its Surgical Repair, American Shoulder and Elbow Society Closed Meeting, Denver, Colorado, October 2001.
- <u>Levin SD</u>, Allograft ACL/Meniscus Transplantation in Patients with Prior Meniscectomy, ACL Deficiency, and Early Degenerative Arthritis [E-Poster]. International Society for Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine Meeting, Auckland, New Zealand. March 2003.
- Flores S, Zhang LQ, <u>Levin SD</u>, Nuber G, Biomechanical Analysis of Partial Thickness Rotator Cuff Tears, American Academy of Orthopaedic Surgeons Annual Meeting, San Diego, California, February 2007.
- Khan N, <u>Levin SD</u>, Domont ZB, Wu YN, Ren Y, Zhang, LQ. Biomechanical Effects of Arthroscopic Portal Placement Through the Subscapularis Tendon. Northwestern University Feinberg School of Medicine, Department of Orthopaedic Surgery, Senior Thesis Day Paper. May 2009.
- <u>Levin SD</u>, Wellman D, Zhang LQ. Biomechanical Analysis of Soft Tissue and Bony Biceps Tenodesis in Relation to the Native Biceps Tendon in a Cadaver Model. Northwestern University Feinberg School of Medicine, Department of Orthopaedic Surgery, Senior Thesis Day Paper. May 2010.
- Koh JL, <u>Levin SD</u>, Chehab EL, Murphy GS, Cerebral Oxygenation in the Beach Chair Position: The Effect of General Anesthesia Compared to Regional Anesthesia, Winner of the **Charles S. Neer, II, MD Award** in recognition of outstanding research in the field of Shoulder and Elbow Surgery, American Shoulder and Elbow Society Open Meeting Specialty Day, San Francisco, California, February 2012.

Koh, JL, <u>Levin SD</u>, Chehab EL, Murphy GS, Cerebral Oxygenation in the Beach Chair Position: A Prospective Study on the Effect of General Anesthesia Compared to Regional Anesthesia and Sedation, 8<sup>th</sup> Biennial AAOS/ASES Shoulder and Elbow: Current Techniques and Controversies, Boca Raton, Florida, May 2012.

Bergin, M & <u>Levin SD</u>, Repair of Large and Massive Rotator Cuff Tears with Allograft Augmentation: Early Outcome and Algorithm for Treatment, OREF/ORS Midwest Region Resident Research Symposium, June 2012.

<u>Levin, SD.</u> Treating Common Shoulder Injuries. Faculty Member/Lecturer. 2016 Illinois Athletic Trainers Association State Meeting and Clinical Symposium. November 13, 2016 Lisle, Illinois.

<u>Levin</u>, <u>SD.</u> Common Shoulder Ailments. Joint Care for an Active Lifestyle. Chicago Botanical Gardens. June 9, 2018.

**Levin, SD**, Athletico University Lecture, Current Concepts in ACL Surgery, October 17, 2018.

<u>Levin</u>, <u>SD</u>, University of Chicago Orthopaedic Surgery Grand Rounds Lecture, Current Concepts in ACL Surgery, September 3, 2019.

<u>Levin, SD</u>, NorthShore University HealthSystem Physical Therapy Grand Rounds Lecture, Current Concepts in ACL Surgery, September 19, 2019

<u>Levin, SD</u>, NorthShore Orthopaedic & Spine Institute Current Issues in Sports Medicine, Lecture – Traumatic Injuries in Rugby. "Pearls from the Pros" Workshop, Evaluation of Acute Knee Injuries.

<u>Levin, SD</u>, University of Chicago Orthopaedic Surgery Grand Rounds Lecture, Traumatic Injuries in Rugby

#### **UNIVERSITY TEACHING EXPERIENCE**

Orthopaedic Sports Medicine Resident Rotation PGY3

Northwestern University Feinberg School of Medicine,
Orthopaedic Surgery Department

Orthopaedic Surgery Research Resident Supervision 2003-2009
Northwestern University Feinberg School of Medicine
Orthopaedic Surgery Department

| Orthopaedic Surgery and Clinical Shadowing<br>Physical Therapists and Medical Students<br>Northwestern University Feinberg School of Medicine   | 2003-2009    |
|---|--------------|
| Sports Medicine Conference<br>Northwestern University Feinberg School of Medicine<br>Orthopaedic Surgery Department   | 2002-2009    |
| Chairman's Conference<br>Northwestern University Feinberg School of Medicine<br>Orthopaedic Surgery Department  | 2002-2009    |
| Created and developed Arthroscopy/MRI Correlations Conference<br>NorthShore University HealthSystem<br>Northwestern University Orthopaedic Surgery Department   | 2005-2009    |
| Paper Review: Senior Thesis Day<br>Northwestern University Feinberg School of Medicine<br>Department of Orthopaedic Surgery<br>Saltzman MD, Nuber GW, Gryzlo SM, Marecek GS, Koh JL.<br>Efficacy of Surgical Prep Solutions in Shoulder Surgery.  | May 2008     |
| Paper Review: Senior Thesis Day Northwestern University Feinberg School of Medicine Departments of Orthopaedic Surgery, Pathology, Biomedical Engineering Rehabilitation Institute of Chicago NorthShore University HealthSystem Kodali P, Qiu H, Chung E, Yang S, Schwartz D, Hwong J, Ko DH, Ren Y, Laskin W, Zhang LQ, Koh J, Ameer, G. In Vivo Evaluation of a Novel Citric-Acid Based Implant for Osteochondral Defects. | May 2009     |
| Arthroscopy/MRI Correlations Conference<br>NorthShore University HealthSystem<br>University of Chicago Orthopaedic Department   | 2009-present |
| Orthopaedic Sports Medicine Resident Rotation PGY 5<br>University of Chicago Pritzker School of Medicine<br>Orthopaedic Surgery Department  | 2009-2013    |
|   |              |

## **TEACHING EXPERIENCE PROFESSIONAL COURSES**

Hemiarthroplasty and Total Shoulder Arthroplasty for Fractures and Arthritis of the Shoulder Aspen Total Joint Arthroplasty Course Aspen, Colorado March 1994

Associate Master Instructor Advanced Shoulder Arthroscopy Course Arthroscopy Association of North America Rosemont, Illinois February 1996

Strategic Approaches to Shoulder Instability, Fractures, and Reconstruction American Academy of Orthopaedic Surgeons April 1996

Primary Shoulder Replacement and Shoulder Replacement in Trauma Cuff Arthropathy, and Rehabilitation of the Shoulder Consortium for Osteopathic Graduate Medical Education and Training (COGMET)

November 1996

East Lansing, Michigan

Rosemont, Illinois

Meniscal Allograft Transplantation American Society of Orthopaedic Physician's Assistants 22nd Annual Meeting, Minneapolis, Minnesota July 1996

Advanced Shoulder Arthroscopy Course, Faculty American Academy of Orthopaedic Surgeons Rosemont, Illinois July 1997

6th Annual Total Team Approach to Sports Medicine Seminar Moderator, Healthsouth 2000

February 2000

Poplar Creek, Illinois

Shoulder Review and Update, Faculty Orthopaedic Learning Center American Academy of Orthopaedic Surgeons Rosemont, Illinois

November 2001

I. Classification of Proximal Humerus, Clavicle, and Scapula Fractures

II. Issues in Shoulder Arthroplasty for Arthritis: Cement vs. Press Fit

| Open and Arthroscopic Shoulder Surgery Course, Lab Instructor<br>Orthopaedic Learning Center<br>American Academy of Orthopaedic Surgeons, Rosemont, Illinois   | November 2001      |
|--|--------------------|
| Shoulder Review and Update, Faculty Orthopaedic Learning Center American Academy of Orthopaedic Surgeons Rosemont, Illinois.  I. Massive Rotator Cuff Repairs: Techniques and Tendon Transfer.                   | July 2002          |
| Advanced Arthroscopic and Open Shoulder Surgery Course<br>Lab Instructor<br>Orthopaedic Learning Center<br>American Academy of Orthopaedic Surgeons<br>Rosemont, Illinois  | July 2002          |
| Applied Orthopaedic Anatomy of the Knee, Faculty<br>Department of Gross Anatomy<br>Northwestern University Feinberg School of Medicine<br>Chicago, Illinois  | Fall Semester 2003 |
| The Shoulder: Advanced Management Options from Open and Arthroscopic, Faculty Orthopaedic Learning Center American Academy of Orthopaedic Surgeons, Rosemont, Illinois  I. Lecture - Open Rotator Cuff Repairs   | July 2004          |
| Current Open and Arthroscopic Techniques in<br>Shoulder Surgery, Faculty<br>Orthopaedic Learning Center<br>American Academy of Orthopaedic Surgeons<br>American Shoulder and Elbow Society<br>Rosemont, Illinois | April 2005         |
| Open and Arthroscopic Techniques in Shoulder Surgery, Faculty<br>American Academy of Orthopaedic Surgeons<br>American Shoulder and Elbow Society<br>Rosemont, Illinois   | April 2007         |

| Knee Ligament Course, Associate Master Instructor<br>Arthroscopy Association of North America<br>Rosemont, Illinois   | March 2009    |
|---|---------------|
| Shoulder Instability in Rugby Players, Panel Member USA Rugby Sports Medicine Symposium Las Vegas, Nevada   | February 2011 |
| Advanced Surgical Management of Complex Shoulder Instability<br>Arthroscopic Management of Internal Impingement, Lecturer<br>Open Instability Repair Bristow and/or Latarjet, Lab Leader<br>American Academy of Orthopaedic Surgeons<br>American Shoulder and Elbow Society<br>Rosemont, Illinois | July 2011     |
| Live Surgical Repair of Labrum<br>Section on Rotator Cuff and Shoulder, Panel Member<br>USA Rugby Sports Medicine Symposium<br>Las Vegas, NV  | February 2013 |
| New Horizons: Advances in Knee Ligament Focus Master Instructor<br>Arthroscopy Association of North America<br>Rosemont, IL   | June 2013     |
| Current Issues in Sports Medicine Special Populations<br>Pediatric ACL Injuries and Treatment, Faculty<br>NorthShore University HealthSystem<br>Chicago Bears Halas Hall<br>Lake Forest, IL   | August 2015   |
| Superior Capsular Reconstruction Lecture and Cadaver Lab Demonstration Medwest Guest Lecturer Chicago, IL   | August 2015   |
| Current Issues in Sports Medicine Superior Capsular Reconstruction: A Unique Approach to Massive Rotator Cuff Tears in the Active Patient NorthShore University Health System Chicago Bears Halas Hall Lake Forest, IL  | May 2016      |

| Arthrex Sports Medicine Fellows Forum<br>Academic Faculty<br>Naples, FL  | June 2-3, 2016   |
|--|------------------|
| Arthrex Vail Masters Shoulder Arthroplasty Course Master Faculty Member, Lecturer, Lab Instructor TSA Planning – TSA Indications and Contraindications rTSA – rTSA Indications and Contraindications Arthrex Medical Education Center Vail, CO | January 30, 2017 |
| Arthrex Sports Medicine Fellows Forum<br>Cadaver Arthroscopy Lab Instructor  | May 17-18, 2018  |

# **ARTICLE REVIEWER**

| American Journal of Sports Medicine   | 1997-2007            |
|---|----------------------|
| American Journal of Sports Medicine/American Orthopaedic Society for Sports Medicine 2019 Jack Hughston Award Jury Member | 2019-2020            |
| American Journal of Sports Medicine<br>Principal Reviewer   | 2007-present         |
| Journal of Shoulder and Elbow Surgery   | 2010 - present       |
| Orthopaedic Journal of Sports Medicine  | January 2016-present |
| American Journal of Sports Medicine<br>Editorial Board  | August 2020-present  |

### RESEARCH AND PUBLICATIONS

Schraut WH, Rosemurgy AS & Riddell RM. Prolongation of Intestinal Allograft Survival Without Immunosuppressive Drug Therapy. Transplantation of Small Bowel Allografts. Journal of Surgical Research, 34(6):597-607, 1983. Research Assistant, Department of Surgery, University of Chicago 1980.

<u>Levin SD</u>, Wasilewski S & Yablon IG. The role of nonoperative treatment of ankle fractures Orthopaedics Today, February/March 1989.

<u>Levin SD</u>. Common Knee Injuries in the Handball Player - Part I. Handball Magazine, December 1991.

<u>Levin SD</u>, Colucci MA, Gillespie R, Brody AS & Asirwatham JS. Correlation of Magnetic Resonance Imaging with Histopathology in Direct Blunt Trauma to the Canine Femoral Condyle: An Anterior Cruciate Ligament Tear -Assimilated Model, American Journal of Knee Surgery, VII(2), 87-94, 1993.

Miranda L, McCluskey GM III & <u>Levin SD</u>. Surgical Results of Total Shoulder Arthroplasty for Primary Arthritis. Hughston Sports Medicine Scientific Bulletin, Volume I, November 2000.

Yang S, Park MS, Flores S, <u>Levin SD</u>, Makhsous M, Lin, F, Koh JL, Nuber G, Zhang LQ, Biomechanical Analysis of Bursal-Sided Partial Thickness Rotator Cuff Tears. Journal of Shoulder and Elbow Surgery, Volume 18, Issue 3, pages 379-385, May-June 2009.

Wellman DS, McCoy BW, <u>Levin SD</u>, Knight BP, Shoulder Arthroscopy in Patients with a Cardiac Pacemaker or Defibrillator: A Case Report and Discussion of Perioperative Management, Journal of Shoulder and Elbow Surgery, December 2010, Vol. 19, Issue 8, Pages 1204-1209.

Khan N, <u>Levin SD</u>, Domont ZB, Wu YN, Ren Y, Zhang LQ, Strain Effects of Placing an Arthroscopic Portal through the Subscapularis Tendon, Journal of Shoulder and Elbow Surgery, January 2011, Vol. 20, Issue 1, Pages 33-38.

<u>Levin SD</u>, Wellman DS, Liu C, Li Y, Ren Y, Shah NA, Zhang LG, Biomechanical Strain Characteristics of Soft Tissue Biceps Tenodesis and Bony Tenodesis, Journal of Orthopaedic Science, Volume 18, Issue 5, September 2013, pages 699-704

Koh JL, <u>Levin SD</u>, Chehab EL, Murphy GS, Neer Award 2012: Cerebral Oxygenation in the Beach Chair Position: A Prospective Study on the Effect of General Anesthesia Compared with Regional Anesthesia and Sedation, Journal of Shoulder Elbow Surgery, 2013 Oct 22 (12), 1325-1331.

<u>Levin, SD</u>, Chicago Blaze Newsletter, Section on Sports Medicine, The Rugby Scrum Cap Summer 2018

<u>Levin</u>, <u>SD</u>, Chicago Blaze Newsletter, Section on Sports Medicine, ACL Prevention, Fall 2018

### **CURRENT RESEARCH PROJECTS**

Murphy GS, Szokol JW, Avram MJ, Greenberg SB, Shear T, Vender JS, <u>Levin SD</u>, Koh JL, Kruti and Shavoni, BA.The Effect of Ventilation on Cerebral Oxygenation in Patients Undergoing Surgery in the Beach Chair Position: A Randomized Controlled Study.

<u>Levin SD</u>, Shi L, He TC, Somogyi J, Gautam M, Koh J, Zhan LQ. Rotator Cuff Allograft Augmentation vs. Bridging in a Rat Model: Biomechanical and Histological Analysis.

Murphy G, Szokol J, Levin SD. Methadone and Interscalene Block for Shoulder Surgery.

#### **ABSTRACTS**

<u>Levin SD</u>, Simon MA. Chronic Hematogenous Pyogenic Osteomyelitis of the Appendicular Skeleton. Department of Orthopaedic Surgery, University of Chicago Pritzker School of Medicine 1985

<u>Levin SD</u>, Colucci MA, Gillespie R, Brody AS, Asirwatham JS. Correlation of Magnetic Resonance Imaging with Histopathology in Direct Blunt Trauma to the Canine Femoral Condyle: An Anterior Cruciate Ligament Tear -Assimilated Model. Orthopaedic Transactions, March 1993.

#### **BOOK CHAPTERS**

McCluskey III GM, <u>Levin SD</u>. Chapter 41 - Imaging of the Shoulder. Editor, Baker Jr. CL. The Hughston Clinic Sports Medicine Book, Williams and Wilkins, 1995.

<u>Levin,SD</u>, Shah, N, Orthopaedic Considerations of Bioterrorism, Toxico- terrorism: Emergency Response and Clinical Approach to Chemical, Biological and Radiological Agents, Editors – Leiken, LB and McFee, R, McGraw-Hill, 2007.

<u>Levin SD</u>. The Stiff Shoulder, A Systematic Approach to Shoulder Rehabilitation, Section I, Chapter 6. Editors: Bryce W Gaunt, PT, SCS and George M. Mccluskey, III, MD, HPRC 2012.

# **AUDIOVISUAL PRESENTATIONS**

McCluskey GM III, Jeaggars F, <u>Levin SD</u>. Hemiarthroplasty and Total Shoulder Arthroplasty - Sawbones Technique [Instructional Video]. Presented at: The Aspen Total Joint Arthroplasty Course, Shoulder Section, Aspen, Colorado. March 1994.

<u>Levin SD</u>, Lazarus ML. Arthroscopy/MRI Correlations Case Studies: Posterior Labral Tear. American Academy of Orthopaedic Surgeons Website: Orthopaedic Knowledge Online 2009; 7(1): <a href="http://www5.aaos.org/oko/description.cfm?topic=SPO034">http://www5.aaos.org/oko/description.cfm?topic=SPO034</a> Accessed January 26, 2009.

<u>Levin SD</u>, Lazarus ML. Arthroscopy/MRI Correlations Case Studies: Bony Bankart Lesion with Extensive Labral Tear. American Academy of Orthopaedic Surgeons Website: Orthopaedic Knowledge Online 2009; 7 (2). http://www5.aaos.org/oko/description.cfm?topic=SPO035. Accessed February 23, 2009

<u>Levin SD</u>, Lazarus ML. Arthroscopy/MRI Correlations Case Studies: Rotator Cuff Tear. American Academy of Orthopaedic Surgeons Website: Orthopaedic Knowledge Online 2009;7(3): <a href="http://www5.aaos.org/oko/description.cfm?topic=SPO036">http://www5.aaos.org/oko/description.cfm?topic=SPO036</a>. Accessed March 30, 2009.

<u>Levin SD</u>, Lazarus ML. Shoulder MRI/Arthroscopy Correlations Case 4: Paralabral Cyst Associated With Posterior Labral Tear. Orthopaedic Knowledge Online 2009;7(4): <a href="http://www5.aaos.org/oko/description.cfm?topic=SPO037">http://www5.aaos.org/oko/description.cfm?topic=SPO037</a>. Accessed May 14, 2009.

<u>Levin SD.</u> G9MD Website. Video; Arthroscopic Rotator Cuff Reinforcement through Hybrid Mini-open Approach Using Connexa Reconstructive Tissue Matrix. July 2011.

### **FINANCIAL GRANTS**

Levin SD, Terry GC. DePuy Sports Medicine Research Grant 1993. Columbus, Georgia.

<u>Levin SD</u>, Ameer G & Kang Y. A composite cell construct for cartilage repair. Arthroscopy Association of North America Research Grant. March 2005.

<u>Levin SD</u>, Medwest Educational Research Grant for small animal research University of Chicago, Rotator Cuff Allograft Augmentation vs. Bridging in a Rat Model: Biomechanics and Histology 2015.

## **CONTINUING MEDICAL EDUCATION**

| The Shoulder: Open and Arthroscopic Techniques<br>Rosemont, Illinois  | May 2003      |
|---|---------------|
| 71 <sup>st</sup> Annual Meeting - American Shoulder and Elbow Surgeons Rosemont, Illinois   | March 2004    |
| The Shoulder: Advanced Management Options from Open and Arthroscopic Rosemont, Illinois   | July 2004     |
| Anatomy – Imaging Examination Upper Extremity Examination Adult Reconstructive Surgery of the Hip and Knee Examination Sports Medicine Examination Northwestern University Feinberg School of Medicine Orthopaedic Surgery Department Chicago, IL | January 2005  |
| 72 <sup>nd</sup> Annual Meeting – American Association Orthopaedic Surgery Washington, District of Columbia   | February 2005 |
| American Association Orthopaedic Surgery American Shoulder and Elbow Surgeons. Open Arthroscopic Techniques in Shoulder Surgery Rosemont, Illinois  | April 2005    |
| Metcalf Arthroscopy and Sports Medicine Course<br>Sun Valley, Idaho   | February 2006 |

| 73 <sup>rd</sup> Annual Meeting - American Association Orthopaedic Surgery Chicago, Illinois  | March 2006             |
|---|------------------------|
| American Association Orthopaedic Surgery American Shoulder and Elbow Surgeons The Shoulder: An Arthroscopic Odyssey Moderator: Rotator Cuff Section Rosemont, Illinois                                  | July 2006              |
| American Association Orthopaedic Surgery American Shoulder and Elbow Surgeons Open and Arthroscopic Techniques in Shoulder Surgery Guest Speaker/Faculty Orthopaedic Learning Center Rosemont, Illinois | January 17-18,<br>2008 |
| 75 <sup>th</sup> Annual Meeting - American Association Orthopaedic Surgery San Francisco, California  | March 2008             |
| 76 <sup>th</sup> Annual Meeting – American Association Orthopaedic Surgery<br>Las Vegas, Nevada   | March 2009             |
| Knee Ligament Live Surgery – TLS Day<br>Annecy, France  | September 2009         |
| 1 <sup>st</sup> Annual Rugby Sports Medicine Symposium<br>Las Vegas, Nevada   | Spring 2010            |
| Tornier Masters Shoulder Course<br>Chicago, Illinois  | September 2010         |
| 2 <sup>nd</sup> Annual Rugby Sports Medicine Symposium<br>Las Vegas, Nevada   | February 2011          |
| FH Orthopaedics Arrow Universal Shoulder Prosthesis Cadaver Course<br>Paris, France   | June 2011              |
| Synthes Epoca Total Shoulder Arthroplasty and Fracture Stem Course Faculty Member Detroit, Michigan   | September 2011         |
| 80 <sup>th</sup> Annual Meeting – American Association Orthopaedic Surgery San Francisco, California  | February 2012          |

| USA Rugby Sports Medicine Symposium<br>Las Vegas, Nevada   | February 2013             |
|--|---------------------------|
| 82 <sup>nd</sup> Annual Meeting – American Association Orthopaedic Surgery New Orleans, Louisianna   | March 2014                |
| USA Rugby Sports Medicine Symposium<br>Las Vegas, Nevada   | February 2014             |
| USA Rugby Sports Medicine Symposium<br>Las Vegas, Nevada   | February 2015             |
| Arthrex Orthopaedic Technology & Innovation Forum<br>Scientific Advisory Group<br>Naples, FL   | April 2015                |
| Immediate Care in Rugby Level 2<br>Rosemont, IL  | July 2015                 |
| Current Issues in Sports Medicine Special Populations Pediatric ACL Injuries and Treatment, Faculty NorthShore University HealthSystem Chicago Bears Halas Hall Lake Forest, IL  | August 9, 2015            |
| USA Rugby Sports Medicine Symposium<br>Las Vegas, Nevada   | March 3-4, 2016,          |
| Arthrex Orthopaedic Technology & Innovation Forum<br>Scientific Advisory Group<br>Naples, FL   | April 2016                |
| Current Issues in Sports Medicine Superior Capsular Reconstruction: A Unique Approach to Massive Rotator Cuff Tears in the Active Patient NorthShore University Health System Chicago Bears Halas Hall Lake Forest, IL | May 7, 2016               |
| USA Rugby Sports Medicine Symposium<br>Immediate Care in Rugby Level 2 – Certified<br>Las Vegas, Nevada  | February 26-March 2, 2019 |

### **CONTINUING MEDICAL EDUCATION**

## AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS/ AMERICAN SHOULDER AND ELBOW SOCIETY

AAOS Annual Meeting March 2009

Las Vegas, Nevada

American Shoulder and Elbow Society Specialty Day

AAOS/ASES Advanced Surgical Management of Complex Shoulder Instability – Instructional Course

AAOS Annual Meeting February 2012

San Francisco, California

American Shoulder and Elbow Society Specialty Day

8<sup>th</sup> Biennial AAOS/ASES Shoulder and Elbow: Current Techniques May 2012

and Controversies Miami, Florida

Annual Meeting March 2014

New Orleans, Louisiana

AAOS/AOSSM Specialty Day

ASES 2018 Open Symposium October 2018

Chicago, Illinois

AAOS Annual Meeting March 2019

Las Vegas, Nevada

American Shoulder and Elbow Society Specialty Day

ASES Closed Meeting October 2019

New York, NY

# AMERICAN ORTHOPAEDIC SOCIETY FOR SPORTS MEDICINE

| Annual Meeting  | June 1994     |
|---|---------------|
| Vancouver, British Columbia, Canada   |               |
| Annual Meeting<br>Keystone, Colorado  | June 2001     |
| <ul> <li>Annual Meeting</li> <li>PCL Injuries: Isolated and Combined</li> <li>Complex ACL Deficiency</li> <li>Reading Literature to Change Your Clinical Practice</li> <li>Research Workshop</li> </ul> | July 2003     |
| San Diego, California   |               |
| Annual Meeting  | June 2004     |
| Annual Meeting Current Concepts in Elbow Arthroscopy Baltimore, Maryland  | July 2012     |
| Annual Meeting<br>Chicago, Illinois   | July 2013     |
| American Orthopaedic Society for Sports Medicine<br>American Association Orthopaedic Society<br>Comprehensive Sports Medicine Review Course<br>Chicago, Illinois  | August 2013   |
| Annual Meeting<br>Seattle, WA   | July 2014     |
| Med Pub Reviewers Workshop<br>Seattle, WA   | July 10, 2014 |

#### ARTHROSCOPY ASSOCIATION OF NORTH AMERICA

Spring Meeting April 2018 Chicago, Illinois

### PROFESSIONAL CONSULTING

United States Handball Association, Orthopaedic Consultant

Arthrex Corporation, Faculty Consultant

2015-present

Arthrex Shoulder Arthroplasty Scientific Advisory Group

2015- present

INSPE Associates Inc., Professional Medical Case Reviewer

2003-present

## **SPORTS PHYSICIAN**

Assistant Resident Physician 1986 New York Mets Major League Baseball New York, New York Assistant Resident Physician 1986 U.S. Open Tennis Championships New York, New York On call physician 1986 Lincoln Center for the Performing Arts New York, New York Assistant Resident Physician 1988 - 1989Men's Hockey Team Men's Basketball Team **Boston University** Boston, Massachusetts 1989 - Present Orthopaedic Consultant

United States Handball Association National Championships

| Assistant Resident Physician Buffalo Bills National Football League Buffalo, New York     | 1993           |
|---|----------------|
| Assistant Team Physician Division II Football Valdosta State University Valdosta, Georgia | 1993           |
| Team Physician Boys and Girls Athletics Lake Park High School Roselle, Illinois           | 1995 – 1998    |
| Team Physician Division III Football Benedictine University Lisle, Illinois               | 1995 – 2001    |
| Head Team Physician<br>Chicago Lions Rugby Football Club<br>Chicago, Illinois             | 1999 – Present |
| Head Team Physician<br>Chicago Steel Junior-A Hockey Team<br>Chicago, Illinois            | 2001 – 2004    |
| Team Physician<br>United States National Rugby Team                                       | 2002 – Present |
| Team Physician United States National Rugby Team USA vs. Canada Chicago, Illinois         | July 2002      |
| Team Physician United States National Rugby Team Churchill Cup Calgary, Alberta, Canada   | June 2004      |

Team Physician June 2005

United States National Rugby Team

Churchill Cup

Edmonton, Alberta, Canada

Team Physician June 2007

United States National Rugby Team

North American 4's

Team Physician August 26, 2007

United States National Rugby Team USA Eagles vs. Munster, Ireland

Toyota Park

Bridgeview, Illinois

Head Team Physician September 2007

United States National Rugby Team

World Cup France

USA Eagles vs. England September 8, 2007

Stade Felix Bollaert

Lens, France

USA Eagles vs. Tonga September 12, 2007

Stade De La Mosson Montpellier, France

Team Physician June 2008

United States National Rugby Team

Churchill Cup Toyota Park

Bridgeview, Illinois

Team Physician July 2008

United States National Rugby Team

North American 4's

Vancouver Island, British Columbia, Canada

Team Physician June 2009

United States National Rugby Team

USA Eagles vs. Wales RFC

Toyota Park

Bridgeview, Illinois

Team Physician October 2010 United States National Rugby Team Argentina Tour USA, Tonga, Canada and Argentina Cordoba, Argentina, South America 2012-2015 Assistant Team Orthopaedic Surgeon MLS Soccer Chicago Fire Team Orthopaedic Surgeon April 28, 2012 **MLS Soccer** Chicago Fire vs. Seattle Sounders FC Toyota Park Bridgeview, Illinois June 2012 Team Physician/Orthopaedic Surgeon United States National Rugby Team USA vs. Canada Kingston, Ontario Canada Team Orthopaedic Surgeon June 2012 **MLS Soccer** Chicago Fire vs. Columbus Crew Toyota Park Bridgeview, Illinois Team Orthopaedic Surgeon July 2012 English Premiership Tour Aston Villa Football Club vs. Chicago Fire Toyota Park Bridgeview, Illinois Head Team Physician November 2012 USA National Rugby Team IRB International Rugby Series USA vs. Russia USA vs. Tonga

Colwyn Bay, Wales

Head Team Physician USA National Rugby Team Pacific Nations Cup USA vs. Fiji, Nagoya, Japan USA vs. Japan, Tokyo, Japan June 2013

Sports Medicine Physician 2013 Nielsen USTA Pro Tennis Championship Winnetka, Illinois July 2013

Head Team Physician USA National Rugby Team USA vs. Uruguay Montevideo, Uruguay March 2014

Head Orthopaedic Surgeon USA National Rugby Team USA Eagles vs. New Zealand All Blacks Soldier Field Chicago, Illinois November 2014

Head Team Physician USA National Rugby Team April Tour Miami, Florida April 2015

Head Team Physician USA National Rugby Team USA Eagles vs Australia Wallabies Soldier Field Chicago, Illinois September 5, 2015

Sports Medicine Head Physician PSA/Chi 2018-2019 Squash World Championships The Great Hall, Union Station Chicago, Illinois

February 23-March 2,

2019

# **HANDBALL**

| Intercollegiate National Handball Championships<br>Lake Forest, Illinois                             | 1978        |
|--|-------------|
| Massachusetts State Handball Championships<br>Boston, Massachusetts                                  | 1989        |
| Canadian-American Handball Championships<br>Buffalo, New York  | 1989        |
| United States Handball Association National Championships<br>Palatine, Illinois                      | 1989        |
| Boston Open Handball Championships<br>Boston, Massachusetts  | 1989-1991   |
| United States Handball Association National Championships<br>Atlanta, Georgia                        | 1990        |
| YMCA National Championships<br>Des Plaines, Illinois   | 1996        |
| Tournament Champions<br>Chicago Handball Metropolitan League Championships<br>Bloomingdale, Illinois | 1997, 1998  |
| New York Athletic Club Pro-Stop Championship<br>New York, New York                                   | 1996-2000   |
| Rainbow Beach 3-Wall Handball Championships<br>Chicago, Illinois                                     | 2000 – 2002 |
| B-Doubles Champions<br>La Grange 3-Wall Handball Championships<br>La Grange, Illinois                | 2002        |
| National 3-Wall Handball Championships<br>Maumee, Ohio   | 2002        |
| Doubles Champions<br>La Grange 3-Wall Handball Championships<br>La Grange, Illinois                  | 2003        |

Tournament Champions
Chicago Handball Metropolitan League Championships
Evanston, Illinois

Chicago Handball Metropolitan League
Chicago Handball Metropolitan League
Evanston Team

La Grange 3- Wall Handball Championships
La Grange, Illinois

Lattof YMCA Holiday Doubles Handball Tournament

December 2019

LaGrange 3 Wall Handball Social Distant Tournament

July 2020

Last Update - 8/20