

Curriculum Vitae
Alan M Reznik MD, MBA, FAAOS

Personal statement: *It is with the understanding of differing perspectives, combining disciplines, constant collaboration, and an open mind that one achieves the best path forward.*

Education:

University of California, San Diego, CA.

Fellowship in Sports Medicine 1988-1989

Dale Daniel, MD/ Ray Sachs, MD/Don Fithian, MD

Mount Sinai School of Medicine

-Chief Resident, Orthopaedics, 1987-1988

-Orthopaedic Resident 1984-1987

-Internship, General Surgery 1983 – 1984

-Lecturer, Orthopedic Bio-Mechanics

Oxford University: Fellow/ Visiting Scholar

The Nuffield Orthopaedic Center,

Oxford, England 1986

Yale University School of Medicine

MD, 1983

Columbia University

BS Chemical Engineering, 1979

University of New Haven

MBA, May 1998

Associate Professor

Netter School of Medicine, Quinnipiac University
2021-Present

Assistant Professor

Yale University 1991- Present
Department of Orthopaedic Surgery & Rehabilitation

Chief Medical Officer

Connecticut Orthopaedics 2017-present

Board Certified

Orthopaedic Surgery: *through December 31, 2031*

Sports Medicine: *through December 31, 2031*

Arthroscopic Surgery: *Lifetime certification*

Licensure: *CT 0017012*

Board of Directors:

Connecticut Orthopedics 2017- present

Editorial Board: JOEI: Journal of Orthopaedics Experience and Innovation 2024-

Editorial Board AAOSNow 2018 – 2022(American Academy of Orthopaedic Surgeons)

AAOS Committee on Research and Quality (CORQ) 2018-2019

AAOS Communications Cabinet 2013- 2019

AAOS National Patient Safety Committee 2015-2017

CMIC: Claims Review Board 2016 – 2018, Lecturer 2018-present
 Editorial Board, Better Health Magazine 2003-2005
 Board of Directors, Jewish Foundation of Greater New Haven 2016-2022
 CMIC: Claims Review Board 2016 – 2018, Lecturer 2018-present
 Board of Directors, Jewish Federation of New Haven 2014-2018
 Board of Directors Ezra Academy (K-8 private school) 1994 to present (emeritus)
 Managing Partner, The Orthopaedic Group: 1998-present

Hospital Appointments: **Yale New Haven Hospital-** New Haven, CT
 Midstate Medical Center – Middletown CT
 YNHH Level One Orthopaedic Trauma Panel, Founding Member, 1993-2000
 Medical Records Committee, Hospital of Saint Raphael, 1992-2004
 Quality Assurance Committee Yale – Temple Surgical Center, 1990-98

Inventions and Patents

Patents Issued	Description	Issue Date
11,841,912	System for Applying NLP and inputs of a group of users to infer commonly desired search results	12/12/23
10,572,556	Systems and Methods for Facilitating Enhancements to Search Results By Removing Unwanted Search results	02/25/20
8,568,308	Customizable, Self-holding, space retracting, Arthroscopic /Endoscopic Cannula System (device)	10/29/13
8,517,934	Customizable, Self-holding, space retracting, Arthroscopic /Endoscopic Cannula System (method)	08/27/13
8,326,862	Systems and methods for facilitating enhancements to search engine results	12/04/12
8,075,520	Arthroscopic fluid control device and method for controlling fluid flow in Arthroscopic procedures (in current use)	12/13/11
7,785,287	Arthroscopic fluid control (device patent)	08/31/10
7,569,024	Shoulder Holder for Arm Surgery (Manufacturing License and produced by IMP)	08/04/09

Other Inventions:

Grasper Grabber (Licensed to JNJ and produced by TAG manufacturing)
 Phase Four Gel Splint for shoulder holder (produced by IMP medical)
 Non-Linear suture anchor: device, system, and methods
 Electronic Library effect

Search engine app: <https://twittleit.com>

Honors/ Awards

Lamp Lighters Orthopaedic Honor Society 2024
 Quinnipiac University Netter School of Medicine teaching award
 Yale Orthopaedic Residents' Teaching Award
 AAOS Continuing Education Award
 Founding Member Yale New Haven Hospital Level One Orthopaedic Trauma Panel
 Voted "Top Docs" in Connecticut Magazine (24 years)
 Consumer's Guide: Top Doctors in the US

Curriculum Development and Courses/Speaking Engagements

“Leveraging AI to Effectively Engage with Providers & Patients.” Guest panelists BioCT at e AI Summit hosted by Boehringer Ingelheim & BioCT on November 22nd

“AI: Where Are We Going? Risks, Hope and Future directions.” Integris Medical Liability CME Course/Webinar August 2024.

“Chat GPT and Medical Liability,” Integris Medical Liability CME Course/Webinar, in AI series May 2024.

“AI: Where We Are and Where Are We Going?” Integris Medical Liability CME Course/Webinar April 2024.

“AI Evolution verses Revolution- Understanding the history of Modern AI and How it Works” Becker’s Health IT and Digital Health Meeting Oct. 6, 2023. Chicago IL.

“Current Understanding of Applications of Medical AI” New Haven Medical Association, May 2022.

“Ethical Challenges in Modern Medicine” Ladies Aid Society New Haven Ct April 2022

“Ten Tips on avoiding Orthopaedic injury” Hartford Healthcare March 2022

“Medical Ethics and AI” 10th International Conference on Ethics Issues in Biology, Engineering and Medicine Nov 2021

“Common Knee and Shoulder injuries” Hartford healthcare November 2021

“Are Current Tort Liability Doctrines Adequate for Addressing Injury Caused by Artificial Intelligence?” CMIC webinar for CME credit April 2020

“Surgical Risk Management and Risk Reduction, AAOS SRR tool Kit” CT State Podiatric Surgery Society Meeting Feb 2020

“AI and Medicine: Evolution to Revolution” Quinnipiac Medical School Guest Lecture, November 18, 2019.

“AI in Medicine Past, Present and Future.” Keynote speaker for University of New Haven Graduate School Health Science Series September 10th, 2019

“Surgical Risk Reduction and Medical malpractice” 2018-2019 Connecticut Medical Insurance Company CME credit course. New Haven CT, Potomac MD, Southbury CT, Course Webinar created in 2019

Instructional Course Lecture (ICL): Orthopaedic Innovation: Instructional Course Lecture Arthroscopy Association of North America National meeting: 2014

Disputant, **“The effect of NSAIDs on Glenoid Labrum Healing in a Rat Model of anterior Shoulder dislocation.”** Yale University Department of Orthopedics Disputations 2014

“The Business aspects of Medicine as it is practiced in other countries.” A comparison of care, expectations, and costs; how it affects service levels and satisfaction. Quinnipiac University Business School, Guest professor 2003-2008:

Chair: New Haven Shoulder Arthroscopy Course and Cadaver Lab 2003

Books: **“The Knee and Shoulder Handbook,
The Keys to a Pain Free and Active Life.”**
Alan M. Reznik, MD MBA FAAOS 2023

“I have Fallen, and I CAN Get Up!”
Alan M Reznik MD MBA FAAOS 2012

“The Knee and Shoulder handbook *for all of us*”
Alan M Reznik MD MBA and Jane Y Reznik 2010

Medical Missions:

Hurricanes Katrina & Rita *Medical Relief Missions* 2005

Haiti – *Albert Schweitzer Hospital* 2011

Bolivia – *Orthopaedic surgical mission to Tarija* 2013

AAOS Handicap playground *build* 2015 Nevada, 2016 Florida

Professional Societies

Tau Beta Pi, Engineering Honor Society

American Academy of Orthopaedic Surgeons: Fellow

Arthroscopy Association of North American

Lamplighters: National Orthopaedic Leadership Society

Professional meetings:

Instructional Course Lecture (ICL): Orthopaedic Innovation: Instructional Course Lecture

Arthroscopy Association of North America National meeting: 2014

Chair: New Haven Shoulder Arthroscopy Course and Cadaver Lab 2003

Public service publications:

Reznik, AM: AAOS Nation in Motion: **“What to tell your MD and Why to help reduce your risks of complications during surgery.”** August 2018 An ABCD check list for patients and risk prevention.

Reznik, AM. Silverman, L: AAOS Nation in Motion: **“Important Conversations before a Fall”** Sept 2018 – Insights on fall prevention for neighbors, friends, and family.

Reznik, AM.: AAOS Nation in Motion: **“Survival Genes and You,”** Sept 2017- Why the biggest losers regain all their weight- it’s in the survival genes

Reznik, AM.: AAOS Nation in Motion: **“How Mother nature helps us heal,”** Sept 2016- Why do we have pain and what is it for? The reason using opioids alone is not the best way to treat pain.

Reznik, AM.: AAOS Ortho Info: **Video on Meniscus surgery,** March 2016 – Why all knee scopes are not the same and why your healing time maybe different.

National Academy Position Statement

Reznik, AM: AAOS Radiation Position Statement 1050: **“Radiation Safety”** March 2017- National Radiation policy and guidelines for safe fluoroscopy.

Teaching Activities

Surgeon Masters: a series of four Educational Podcasts 2024 www.SurgeonMasters.com
Yale University School of Medicine Clinical Faculty: Department of Orthopaedics 1989-present

MESH -Medical Student Home (Clinical medical student education program) 2018-present

Mentor student research and projects for the Netter school-

Keynote Speaker: University New Haven: AI: past, present, and future 2019.

-Reznik, AM; The Business aspects of Medicine as it is practiced in other countries. A comparison of care, expectations, and costs; how it affects service levels and satisfaction.

Quinnipiac University Business School, Guest professor 2003-2008:

Publications:

Reznik, AM: A Test Drive of ChatGPT and Generative AI in orthopaedics. AAOS Now, May 2023

Reznik, AM: ChatGPT is the next step in Artificial Intelligence. AAOS Now, March-April 2023

Anighoro, K, Reznik, AM: Tranexamic Acid: A Paradigm Shift in Total Joint Care. AAOS Now, Oct 2022

Reznik, AM, Barton, RS: Modern Surgical Education and Primum Non Nocere. AAOS Now, July 2022

Acquarulo, B, Reznik, AM: Breaking Bad: A Practical Guide for Communicating Bad News. AAOS Now, May 2022

Corbett, N, Reznik, AM: Operative Treatment of Charcot Foot with 'Super-Constructs' has Evolved. AAOS Now, April 2022

Weisberg, M, Reznik, AM: Biceps Tenotomy and Tenodesis Can be Addressed by a variety of Surgical Approaches. AAOS Now, Mar 2022

Corbett, N, Reznik, AM: Decision making in Treatment of Charcot Foot and Ankle. AAOS Now, March 2022

Reznik, AM: Korean Orthopaedics association President Hee Joong Kim, MD, Discusses Orthopaedic Trends from South Korea. AAOS Now, February 2022

Weisberg, M, Reznik, AM: Put the Flex back in Flexing: The Best Treatment of Biceps Tendonitis. AAOS Now, Feb 2022

Reznik, AM: The Orthopaedic CMO Role during the pandemic and beyond. AAOS Now, Nov 2021

Nelson, F RT, Reznik AM: Basic Science and Meniscus: Where are we now? AAOS Now, Oct 2021

Reznik AM, Nelson, F RT: Ethics in Artificial Intelligence: The Hidden Dangers. Ethics in Biology, Engineering and Medicine. - *An International Journal*, 11(1):75-80 (2021)

Nelson, F RT, Reznik AM: It Is Time for Spine Surgeons to 'Own the Bone.' AAOS Now, April 2021

Cole AA, Photos by Reznik, AM: Avoid patient Harm by Improving Patient positioning for Surgery. AAOS Now, February 2021

Qaiyumi, Z, Reznik AM: Do Not Overlook Alternative Causes of Foot Drop. AAOS Now, January 2021

Nelson, F RT, Reznik AM: Most Orthopaedic surgeons have a screw loose. How Screws loosen in bone? AAOS Now, July 2020

Reznik, AM: Explainable AI: "How Do We Know What AI Is 'Thinking?'" AAOS Now, June 2020

Samora, JB, Fitzgerald (Reznik interview): Orthopaedic Surgeons Weigh In on eSports and Gaming-related Musculoskeletal Injuries. AAOS Now, June 2020

Petit, L, Reznik, AM: "The 'Root' of All Evil: Mounting Evidence Supports Fixing Root Tears." AAOS Now, April 2020.

Reznik, AM: "Facing Problem, not the terminology; 'lateral violence' AAOS Now, March 2020.

Reznik, AM: "Evolution Versus Revolution in Artificial Intelligence: Why the Distinction?" *An exploration into the differences between shallow and deep AI* AAOS Now, December 2019.

Reznik, AM: "A Top-down Approach Is Needed to Address Lateral Violence Among Residents." AAOS Now, October 2019

Reznik, AM: "Long Hours, Insulated Specialties Result in Lateral Violence in Residence." AAOS Now, Sept 2019

Reznik, AM: "Applying the Four basic Principles of Medical Ethics to Artificial Intelligence." AAOS Now, July 2019

Cravez, E, Reznik, AM: "Advances in Imaging and Treatments Mitigate Long term Effects of Frostbite," AAOS Now April 2019.

Reznik, AM: "Surgical Risk Reduction and Medical Malpractice, SRR Tool Kit" CMIC Lecture 3/20/2019

Cravez,E, Reznik, AM: “Prevention, Early Treatment Is critical when Treating Frostbite Injuries,” AAOSnow March 2019.

Reznik,AM, Urish,K : “Natural Language Processing Provides Foundation for AI in medical Diagnosis,” AAOSnow March 2019.

Ring, DC, Marks, MR, Burney DW, Jimenez, RL, Reznik, AM; Pinzur,MS, Lightdale-Miric, NR: “AAOS Patient Safety Committee Considers Ways to Avoid Harm Through Innovations in Quality and Safety.” AAOSnow, March 2019

Bolye,K, Reznik, AM, Pinzur, MS: “AAOS Strives to Reduce Surgical Risks with New on Line Tool Kit,” AAOSnow, February 2019

Urish, K, Reznik, AM: “How Would a Computer Diagnose Arthritis on a Radiograph.” AAOSnow December 2018.

Reznik, AM: “Kevin Shea, MD, and Jayson Murray, MA, Shed Light on Appropriate Use Criteria.” AAOSnow November 2018

Reznik, AM, Urish, K: “Understanding the Impact of Artificial Intelligence on Orthopedic Surgery.” AAOSnow September 2018.

Duck, H.L., Reznik, A.M. “Debate: Are Ultrasounds Necessary for Routine Knee and shoulder injections in the office?” PRO-CON article, AAOSnow July 2018

Ring, DCMD, Marks, MR, Burney DW, Jimenez,RL, Reznik, AM; Pinzur,MS, Lightdale-Miric, NR: “Putting Yourself in Your Patient’s Place.” AAOSnow, September 2017

Reznik, AM Bolye, K, Pinzur, MS: “Surgical Risk Reduction Tool Kit For AAOS,” January 2018

Ring, DCMD, Marks, MR, Burney DW, Jimenez,RL, Reznik, AM; Pinzur,MS, Lightdale-Miric, NR: “New Habits Can Better Serve Patients.” AAOSnow, July 2017

Reznik. A.M; Disputant, “Medicaid Patients Are Less Successful When Scheduling Appointments Under the Affordable Care Act: A Meta-Analysis of Appointment Accessibility Audit Studies.” Daniel Wiznia, MD. Yale University Department of Orthopedics Disputations June 2017

Ring, DCMD, Marks, MR, Burney DW, Jimenez, RL, Reznik, AM; Pinzur, MS, Lightdale-Miric, NR: “Issues of Appropriateness and Patient Safety.” AAOSnow, May 2017

Reznik, A.M. Arthroscopy Association of North America Instructional Course lecture 2014: “Advancing Your Idea” (How to get your surgical inventions to market)

Reznik. A.M.; Disputant, “The effect of NSAIDs on Glenoid Labrum Healing in a Rat Model of anterior Shoulder dislocation.” Yale University Department of Orthopedics Disputations 2014

Reznik, A.M: I Have Fallen, and I Can Get Up. LULU Press 2012. CT Press Club Award: First Prize Educational Book 2013.

Reznik A.M., Reznik, J.Y.: The Knee and Shoulder Handbook for all of Us. LULU Press 2010. CT Press Club Award: First Prize Instructional Book 2011.

Reznik. A.M.; Disputant, “The Distal Triceps Tendon Footprint and a Biomechanical Analysis of Three Repair Techniques” by Peter Yeh, MD. A Cadaveric Anatomic Study and Biomechanical testing of Three suture and anchor methods of Triceps Repair. Yale University Department of Orthopedics Disputations

Kevin P. Shea, Louis McIntyre, Douglas Blatz, Alan Reznik, Robin Leger: Arthroscopic Rotator Cuff Repair using Ultrasonic Suture Welding: a prospective, multi-center study. AANA Meeting April 2006 Hollywood, Fl.

Reznik, A. M.: Hurricane Medicine, Report on the treatment and status of a Displaced Population after Hurricanes in the Gulf Coast. New Haven Medical Society Meeting, November 2005

Reznik, A. M.: Lecturer: International Aspects of Business and Medicine. Quinnipiac Un., 1997-2003

Reznik, A.M., Sembler, R., Novak, A.: Outcome and Cost effectiveness of patient Controlled Analgesia in ACL Reconstruction. Hospital of Saint Raphael, 1997

Phillips, P., Reznik, A.M., Dagnault, J.: Arthroscopic vs. Open Surgical Shoulder Stabilization in patients with traumatic Recurrent Anterior Shoulder Instability and a Documented Bankart Lesion. Proceedings of Arthroscopy Association of North America 15th Annual meeting, Washington, DC 1996

Ryan, J., Reznik, A.M.: Open vs. Arthroscopic Acromioplasty. Physician Assistant Journal, May 1994.

Reznik, A.M., Davis, J.L., Daniel, D.M.: Optimizing Interference Fixation For Cruciate Ligament Reconstruction. Proceedings of the 36th Annual Meeting, Orthopaedic Research Society, February, 1990

Reznik, A.M., Davis, J.L., Daniel, D.M.: Experimental Evaluation of Pin Design and Configuration for Soft Tissue Fixation to Bone. Proceedings of the 36th Annual Meeting, Orthopaedic Research Society, Feb. 1990

Reznik, A.M., Daniel, D. M.: ACL Graft Placement, Tensioning and Fixation: Part I. Surgical Rounds for Orthopaedics, August 1990

Reznik, A.M., Daniel, D.M.: ACL Graft Placement, Tensioning and Fixation: Part II. Surgical Rounds for Orthopaedics, September 1990

Sachs, R.A., Reznik, A.M., Daniel, D.M., Stone, M.L.: Complications of Knee Ligament Surgery. Knee Ligaments Structure, Function, Injury, and Repair, Raven Press, New York 1990

Mont, M.A., Reznik, A.M., Sedlin, E.: Radial Head Fractures: Factors Important for Treatment and Prognosis. Presentation, American Academy of Orthopaedic Surgeons, February 1989

Reznik, A.M.: Discussant for presentation on Collagen-Based Synthetic Ligaments, New York Academy of Medicine, Orthopaedic Section Annual Meeting, May 1988.

Reznik, A.M., Mont, M.A., Tenceiro, R., Pilla, A.A., Siffert, R.S.: The Effect of Differences in Osteotomy Method on Bone Healing. Presentation, Orthopaedic Research Society Annual Meeting, San Francisco, California, January 1987.

Reznik, A.M. Intracapsular Hip Fractures: A Clinical Review M.D. Thesis, Yale University School of Medicine, 1983.

Epstein, M.A.F., Reznik, A.M., Epstein, R.A.: Determinants of Distortions in CO₂ Catheter Sampling Systems: A Mathematical Model. Respiration Physiology (41, 127-136), 1980.

Reznik, A.M., Epstein, M.A.F., Epstein, R.A.: CO₂ Catheter Sampling Systems Evaluation of Distortions. Presentation: American Academy of Anesthesiologists, Annual Meeting. 1979