

CURRICULUM VITAE

Aruna M. Seneviratne MD

ADDRESS

425 W. 59th St, 5th Floor,
New York, NY 10019

(212) 636 8290
Assistant: Lizbeth Loarca

APPOINTMENTS

Associate Professor of Orthopaedic Surgery

Mount Sinai Health System, New York, NY (2015- present)
Manhattan Surgery Center, New York, NY (2015-present)
Surgicare of Manhattan, New York, NY (2009-present)

Medical Consultant United States Tennis Association

Orthopedic Surgery/Sports Medicine Advisor (2018 – present)

Associate Attending Orthopaedic Surgeon

Lenox Hill Hospital, New York, NY (2004-2017)
Manhattan Eye and Ear Hospital, New York, NY (2004-2017)

Assistant Attending Orthopaedic Surgeon

New York Presbyterian Lower Manhattan Hospital, New York, NY (2015-2017)

ACADEMIC APPOINTMENTS

Core Faculty Member

Mount Sinai Health System Orthopaedic Surgery Residency Program (2015-
present)
Lenox Hill Hospital Sports Medicine Fellowship Program (2004-2017)
Lenox Hill Hospital Orthopaedic Surgery Residency Program (2004-2017)

Clinical Assistant Professor of Orthopaedic Surgery

Weill Cornell Medical College, New York, NY (2015-2017)

EDUCATION

Lenox Hill Hospital, New York, NY

Fellowship, Sports Medicine, August 2003 – July, 2004

Hospital for Special Surgery, New York, NY

Residency, Orthopaedic Surgery, July 1999 – June 2003
Lewis Clarke-Wagner Award Winner for top research

Hospital for Special Surgery, New York, NY

Clinical Research Associate, Dept. of Sports Medicine, August 1998 – June 1999

Hospital for Special Surgery, New York, NY

Research Fellow, Laboratory for Soft Tissue Research, July 1997 – July 1998

Lenox Hill Hospital, New York, NY

Internship, General Surgery, July 1995 - July 1997

New York Medical College, Valhalla, NY

M.D., Trustee Scholar, August 1991 - May 1995

University of California Riverside, Riverside, CA

B.S., Biology, September 1986 - June 1990

CREDENTIALS

Board ReCertified – American Board of Orthopaedic Surgery (ABOS), 2027
Subspecialty Re-Certification - Sports Medicine, 2027
Board Certified – American Board of Orthopaedic Surgery (ABOS), 2007
Subspecialty Certification - Sports Medicine, 2008
New York State Medical License #207523
New Jersey State Medical License #25MA09163100

TEAM COVERAGE

CURRENT TEAM COVERAGE

Team Physician – US Open Tennis Championships, USTA, New York

Teams covered during the fellowship year 2003-2004

PROFESSIONAL TEAMS

New York Jets Professional Football team

New York Islanders Ice Hockey team

New York Dragons Arena Football team

COLLEGIATE TEAMS

Hofstra University athletics

Hunter College athletics

MEMBERSHIPS

Fellow American Academy of Orthopaedic Surgeons (FAAOS)

Diplomate American Board of Orthopaedic Surgery

Member American Orthopaedic Society for Sports Medicine (AOSSM)

Member Arthroscopy Association of North America (ANA)

Member Medical Society of the State of New York (MSSNY)

Member New York County Medical Society (NYCMS)

HONORS/AWARDS

CURRENT

*Mount Sinai Orthopaedic Surgery (MPI: Ting Cong MD, Aruna Seneviratne MD)
04/21 – 06/22 Resident Grant: A simplified, cross-disciplinary resource for the
treatment of ankle fractures to demonstrate the efficacy of 3D animation of
fracture mechanisms as a virtual Orthopaedic education tool. Role: Co-PI*

New York Magazine Top Doctor Award – 2013-2023

Castle Connolly Top Doctor Award – 2013 – 2023

*Winner 2011 Lenox Hill Hospital Orthopaedic Alumni day best resident research
paper – principal investigator.*

*Winner, 2007 Lenox Hill Hospital Orthopaedic Surgery Research and Education
Fund grant for original research on chondrocyte viability in osteochondral grafts.*

*Winner, 2005 Lenox Hill Hospital Orthopaedic Alumni day best fellow research
paper – principal investigator.*

*Winner, 2004 Lenox Hill Hospital Orthopaedic Surgery Research and Education
Fund grant for original research on elbow ligament reconstructive techniques.*

ORTHOPAEDIC SURGERY RESIDENCY

Winner, 2003 Lewis Clarke-Wagner award for top resident research.

*Winner, 1998 ACL Study Group Grant for original research on ligament fibroblast
biology.*

MEDICAL SCHOOL

*Winner, 1991 New York Medical College Trustee Scholarship for academic
excellence.*

Ranked in the top quartile all years.

UNDERGRADUATE

Dean's list.

Winner, 1990 Chancellor's Academic Program Service Award for the finest research in the department of Biology.

Winner, 1990 Outstanding Biology study group leader award.

Winner, University of California Regents student mini-grant for independent research.

Winner, 1986 McMillian Memorial Health Scholarship.

RESEARCH

On-going and future research projects:

Prospective analysis of return to function after knee arthroscopy.

Surgical outcomes of robotic navigated total knee arthroplasty in 100 consecutive patients – study under design.

PRESENTATIONS

Seneviratne A. Preserve the Meniscus. Invited Lecture – Sri Lanka Orthopedic Association Annual Meeting Plenary Sessions, Colombo, Sri Lanka, October 2024.

Seneviratne A. The Athlete's Shoulder. Invited Lecture – Sri Lanka Orthopedic Association Annual Meeting Plenary Sessions, Colombo, Sri Lanka, October 2024.

Seneviratne AM. Colombo Shoulder Meeting – Live Shoulder Surgical Workshop, Sri Lanka Orthopedic Association, Colombo, Sri Lanka; November 2024

Kantrowitz DE, Bienstock DM, Li TM, Rosenberg AM, Kiani SN, Parisien RL, Anthony SG Colvin AC, **Seneviratne AM**, Gladstone J. Return to Activity After Arthroscopic Partial Meniscectomy. Poster Presentation - Orthopaedic Summit Annual Meeting, Las Vegas, Nevada, September, 2024

Seneviratne AM. Colombo Shoulder Meeting – Course Chairman – Live Shoulder Surgical Workshop, Sri Lanka Orthopedic Association, Colombo, Sri Lanka; February 2023

Seneviratne AM. Sports Medicine. Orthopedic Physician Assistant Grand Rounds. Mount Sinai Hospital, New York, NY USA. May 2020.

Seneviratne AM. Current State of the Art in Orthopedics. Rheumatology Grand Rounds, Mount Sinai Hospital, New York, NY, USA. March 2020.

Seneviratne AM. Current State of the Art in Orthopedics. Presented at the Annual General Meeting of the Sri Lanka Medical Association of North American (SLMANA), New York, NY, USA, November 2020.

Seneviratne AM. Evaluation and Differential Diagnosis of the Most Common Causes of Traumatic Shoulder Pain. Faculty - CME Course Orthopedics for the PCP – Mount Sinai Health System. October, 2019.

Seneviratne AM. Colombo Shoulder Meeting – Course Chairman – Live Shoulder Surgical Workshop, Sri Lanka Orthopedic Association, Colombo, Sri Lanka; September 2019

Bas MA, Kamara E, **Seneviratne AM**, Alexiades MM, Hepinstall MS. Adoption of

Haptic Robotic Technology Improves Component Positioning in Medial Unicondylar Knee Replacement at: Lenox Hill Hospital – E-poster presentation 29th Annual Congress of the International Society for Technology in Arthroplasty (ISTA), Boston, MA, December 2016.

Bas MA, Kamara E, **Seneviratne AM**, Alexiades MM, Hepinstall MS. Adoption of Haptic Robotic Technology Improves Component Positioning in Medial Unicondylar Knee Replacement. Poster presentation, American Academy of Hip and Knee Surgeons (AAHKS), Dallas TX, November 2016.

Bas MA, Kamara E, **Seneviratne AM**, Alexiades MM, Hepinstall MS. Adoption of Haptic Robotic Technology Improves Component Positioning in Medial Unicondylar Knee Replacement at: Lenox Hill Hospital – Podium presentation 22nd Annual Orthopaedic Research Day, Lenox Hill Hospital, May 2016.

Seneviratne A. Surgical Treatment of Meniscal Injuries. – Invited lecture at the Annual General Meeting of the Sri Lanka Medical Association of North American (SLMANA), New York, NY, USA, November 2015.

Seneviratne A. Overview of Fractures of the Shoulder Girdle. Invited Lecture – Sri Lanka Orthopedic Association Annual Meeting Plenary Sessions, Colombo, Sri Lanka, October 2015.

Seneviratne A. Evolution of Open to Mini Open to Arthroscopic Rotator Cuff Repair. Invited Lecture – Sri Lanka Orthopedic Association Annual Meeting Plenary Sessions, Colombo, Sri Lanka, October 2015.

Seneviratne A. Non-Arthroplasty Treatment Options for Shoulder Osteoarthritis. Invited Lecture – Sri Lanka Orthopedic Association Annual Meeting Plenary Sessions, Colombo, Sri Lanka, October 2015.

Seneviratne A. Surgical Treatment of Meniscal Injuries. Invited Lecture – Sri Lanka Orthopedic Association Proceedings, College of Surgeons, Colombo, Sri Lanka, August 2015.

Seneviratne A. Total Shoulder Arthroplasty – Past, Present, and Future. Invited Lecture – Sri Lanka Orthopedic Association Proceedings, College of Surgeons, Colombo, Sri Lanka, January 2015.

Seneviratne A. Risk Factors for Recurrence After Arthroscopic Bankart Repair – The ISIS Score. Invited Lecture – Sri Lanka Orthopedic Association Proceedings, College of Surgeons, Colombo, Sri Lanka, January 2015.

Seneviratne A. Shoulder Surgery at Lenox Hill Hospital New York USA, Invited Lecture – Grand Rounds, Department of Sports Medicine, Huashan Hospital, Fudan University, Shanghai, China, August 2014.

Seneviratne A. Articular Cartilage Lesions, Invited Lecture - 1st Annual Lenox Hill Hospital Sports Medicine Fellowship Alumni Meeting, Lenox Hill Hospital, New York, April 2014

Seneviratne A. Treatment of Superior Labral Anterior Posterior (SLAP) Lesions, NISMAT Core Lecture Series, Lenox Hill Hospital, New York, April 2014

Seneviratne A. Sports Medicine Update – New Developments, Invited Lecture - Ministry of Sports Medicine, Sri Lanka, March 2014

Seneviratne A. Surgical Workshop on Arthroscopic Shoulder Surgery, National Hospital Colombo, Sri Lanka, March 2014

Seneviratne A. Surgical Workshop on Arthroscopic Shoulder Surgery, National Hospital Colombo, Sri Lanka, May 2013

Seneviratne A. Surgical Workshop on Arthroscopic Shoulder Surgery, National Hospital Colombo, Sri Lanka, December 2012

Seneviratne A. Surgical Workshop on Arthroscopic Shoulder Surgery, National Hospital Colombo, Sri Lanka, December 2011

Seneviratne A. Unicondylar Knee Arthroplasty for Unicompartmental Osteoarthritis of the Knee - Presented at the Annual General Meeting of the Sri Lanka Medical Association of North American (SLMANA), New York, NY, USA, November 2011.

Seneviratne A. Accelerated vs. Slow Rehabilitation after Arthroscopic Rotator Cuff Repair – Grand Rounds – St. Luke's Roosevelt Hospital, New York, USA. September 2011.

Seneviratne A. Arthroscopic Rotator Cuff Repair – Grand Rounds - Colombo National Hospital, Colombo Sri Lanka, July 2011

Seneviratne A. Arthroscopic SLAP Repair – Grand Rounds - Colombo National Hospital, Colombo, Sri Lanka, July 2011

Seneviratne A. "Sports Medicine – shoulder and elbow", Pace University Physician Assistant's Program – Invited lecturer, New York, NY, USA, September 2007 and June, 2009.

Seneviratne A. "Double Bundle PCL Reconstruction" Tenth Annual Insall Scott Kelly Institute Sports Medicine and Total Knee & Hip Symposium, New York, NY, USA, September 2007.

Seneviratne A. "Treatment of Superior Labral Anterior Posterior (SLAP) lesions." Nicholas Institute of Sports Medicine and Athletic Trauma, New York, NY, USA, March 2007 and 2008.

Habib S, Beharrie A, Hurd J, **Seneviratne A.** "Elbow Ulnar Collateral Ligament reconstruction utilizing an interference screw augmented docking technique." Podium presentation, American Academy of Orthopaedic Surgeons, San Diego, CA, USA, February 2007.

Beharrie A, Habib S, Hurd J, **Seneviratne A.** "Elbow Ulnar Collateral Ligament reconstruction utilizing an interference screw augmented docking technique." Poster presentation, Eastern Orthopaedic Association, Boca Raton, FL, USA, October 2006.

Seneviratne AM. "Rotator Cuff Tears – Current Treatment Options" Presented at the Annual General Meeting of the Sri Lanka Medical Association of North American (SLMANA), New York, NY, USA, October 2005.

Seneviratne AM, Montgomery KD, Zikria B, Bevilacqua B. "The Anatomic Consequences of Arthroscopic Coracoplasty: an Anatomic Dissection Study."

Poster presentation, American Orthopaedic Society for Sports Medicine, Keystone, CO, USA, July 2005.

Seneviratne AM, Montgomery KD, Zikria B, Bevilacqua B. "Quantifying the Extent of a Type II SLAP Lesion Required to Cause Peel-back of the Glenoid Labrum – a Cadaveric Study." Poster presentation Arthroscopy Association North America, Vancouver, Canada, May 2005.

Seneviratne AM MD, Bevilacqua B PAC, Montgomery KD MD. "Quantifying the Extent of a Type II SLAP Lesion Required to Cause Peel-back of the Glenoid Labrum – a Cadaveric Study." Lenox Hill Hospital Orthopedic Alumni Day, Lenox Hill Hospital, New York, May 2004 and West Point Military Academy, New York, June 2004.

Seneviratne AM MD, Appleyard R PhD, Cesana M MD, Murrell G MD PhD. "Topographical Analysis of the Dynamic Mechanical Properties of Articular Cartilage and Meniscus in an ACL Deficient Ovine Model." OREF New York Metropolitan Area Resident Research Symposium, Columbia-Presbyterian Medical Center, May 2003.

Seneviratne AM, Attia E, McCarthy D, Williams R, Rodeo SA, Turner S, Hannafin J. "The Effect of Estrogen on ACL Fibroblast Proliferation, Collagen Synthesis, and Matrix Metalloproteinase Activity." Alumni Day - Hospital for Special Surgery, November 2000.

Seneviratne AM, Suzuki K, Warren RF, Wickiewicz TL, Rodeo SA. "The Basic Biology of Meniscal Allograft Transplantation." Poster presentation at the 44th Annual Meeting of the Orthopaedic Research Society, February 1999.

Seneviratne AM, Izawa K, Torzilli PA, Deng XH, Bostrom M, Rodeo SA. "The effect of Osteoporosis on Tendon insertion Sites in a Rabbit Model." Podium presentation at the 44th Annual Meeting of the Orthopaedic Research Society, February 1999.

Carrol EJ, **Seneviratne AM**, Ruibal R. "Gastric Pepsin in an Anuran Larva." The First Annual "New Directions" Undergraduate Research Conference. The University of California Riverside, 1989.

PUBLICATIONS

Cong T, Hall AJ, Rowe J, Cautela F, Forsh D, **Seneviratne A**. "Orthopaedic education incorporating 3D video animation – efficacy in improving ankle fracture reductions." JBJS 2023 [In preparation].

Douglas Matijakovich MD, David Solomon MD, Carlos Benitez MD MSc, Hsin-Hui Huang MD PhD, Jashvant Poeran MD PhD, Natalie Berger BA, Amir Lebaschi MD, **Aruna Seneviratne MD**. "Long-term Follow-up of Perianchor Cyst Formation After Rotator Cuff Repair." Journal of Shoulder and Elbow Surgery International, July 2021.

Ting Cong MD, Eric Yoon MD, Arielle Hall BS, **Aruna Seneviratne MD**. "A Review of the Treatment of Medial Collateral Ligament Injuries of the Knee." The Sri Lankan Journal of Orthopaedic Surgery, November 2020, Vol 7, No.1, 17-28.

J. Cooper, M. Bas, E. Kamara, **A.M. Seneviratne**, M. Alexiades, M Hepinstall. "Pin Site Complications Associated with Computer-Assisted Navigation in Hip and Knee Arthroplasty." Bone Joint Journal, February 2017, 99-B (Supp 3) 80.

Chu A, Ginat A, Terzakis J, **Seneviratne A**, Schneider S. "Chronic Sarcoid

Arthritis Presenting as an Intra-articular Knee Mass – a Case Report. Journal of Clinical Rheumatology. 2009 Jun;15(4):190-2.

Seneviratne AM, Montgomery KD, Zikria B, Bevilacqua B. “Quantifying the Extent of a Type II SLAP Lesion Required to Cause Peel-back of the Glenoid Labrum – a Cadaveric Study.” Arthroscopy 22(11):1163, November 2006.

Brahmabhatt S, **Seneviratne A.** “Exploring Arthroscopic Shoulder Surgery.” Orthopedic Technology Review, 7(5) July/August 2005.

Seneviratne AM, Attia E, Williams RJ, Rodeo SA, Hannafin J. “The Effect of Estrogen on Ovine Anterior Cruciate Ligament Fibroblasts: Cell Proliferation and Collagen Synthesis.” American Journal of Sports Medicine, August 2004

Kyle Anderson, MD, **Aruna M. Seneviratne, MD**, Kazutaka Izawa, MD, Brent L. Atkinson, PhD, Hollis G. Potter, MD, and Scott A. Rodeo, MD. “Augmentation of Tendon Healing in an Intraarticular Bone Tunnel Using a Bone Growth Factor.” American Journal of Sports Medicine 29(6) November 2001

Seneviratne A, Rodeo SA. “Identifying and Managing Meniscal Injuries.” Journal of Musculoskeletal Medicine 17(11), 690 – 697; November 2000

Rodeo SA, **Seneviratne A**, Suzuki K, Felker K, Wickiewicz TL, Warren RF. “Histological Analysis of Human Meniscal Allografts. A Preliminary Report.” Journal of Bone and Joint Surgery (Am); 82-A(8):107 – 82, August 2000.

Rodeo SA, **Seneviratne AM.** “Arthroscopic Meniscal Repair Using the Outside-In Technique: Indications, Technique, and Results” Sports Medicine and Arthroscopy Review, 7: 20-27, 1999.

Carrol EJ, **Seneviratne AM**, Ruibal R. “Gastric Pepsin in an Anuran Larva.” Development, Growth, & Differentiation 33 (5), 499 - 507 (1991).

BOOK CHAPTERS

Kevin Wang, Kevin Chen, **Aruna M. Seneviratne.** “A Technique for Endoscopic Assisted Subpectoral Biceps Tenodesis” Arthroscopy and Endoscopy of the Shoulder, 978-981-19-7883-8, 521784_1_En, (Chapter 34). 2023 ISBN : 978-981-19-7883-8

Timothy F. Tyler, Stephen J. Nicholas, **Aruna M. Seneviratne.** “The Bankart Lesion.” Postsurgical Orthopedic Sports Rehabilitation Knee and Shoulder. Robert Manske. 2006. ISBN 13: 978-0323-02702-1

OTHER

Ex-Officio -Trustee Hewitt School for Girls, New York, NY.
Class Representative Hospital for Special Surgery Residency Class of 2003
Past President – Sri Lanka Medical Association North America – 2019-2020