

Anthony Ndu, M.D., M.B.A.
Assistant Professor of Clinical Orthopedic Surgery
Curriculum Vitae

Office Address:

Penn Musculoskeletal Center University City, 7th Floor
Penn Medicine University City
3737 Market St. 6th floor
Philadelphia, PA 19104

Contact: hello@kandumedical.com

Education:

06/2002 **Union College**, Schenectady, NY
Magna cum laude
Bachelor of Science, Biology
Bachelor of Science, Sociology

06/2007 **Yale School of Management**, New Haven, CT
Master in Business Administration
Concentration: Finance & Entrepreneurship

06/2007 **Yale School of Medicine**, New Haven, CT
Doctor of Medicine

Post Graduate Training & Fellowship Appointments:

07/2007-07/2012 **Yale Department of Orthopedics and Rehabilitation**, New Haven, CT
Resident in Orthopedic Surgery

07/2011-07/2012 **Yale School of Medicine**, New Haven, CT
Clinical Instructor, Dept of Orthopedics

08/2012-07/2013 **University of Pennsylvania**, Philadelphia, PA
Fellow, Penn Orthopedic Foot and Ankle Center

Hospital and Administrative Appointments:

5/2/21 – Present Assistant Professor of Clinical Orthopedic Surgery

5/2021 – Present Orthopedic Foot and Ankle Fellowship Director, University of Pennsylvania,
Department of Orthopedics, Philadelphia, PA

8/30/21 – Present AOFAS DEI Committee member

Specialty Certification:

American Board of Orthopedic Surgeons, Board Certified 7/2015

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Licensure:

Pennsylvania
New Jersey

Prior Work Experience:

Clinical Professor of Orthopedic Surgery

Einstein Regional Orthopedic Specialists
5501 Old York Road, Willowcrest Bldg. 4th Floor
Philadelphia, PA 19141

Administrative responsibilities:

- 08/2016 – 04/2021** Compensation/Contracts Committee, Einstein Medical Center.
08/2016 - 04/2021 Research Conflict of Interest Committee, Einstein Medical Center.
06/2016 - 04/2021 Director of Quality Improvement for the Department of Orthopedics, Einstein Medical Center
11/2015 – 04/2021 Surgery Value Analysis Committee, Chair, Einstein Medical Center
06/2015 – 04/2021 Clinical Prof of Orthopedic Surgery, Sidney Kimmel Medical College of Thomas Jefferson University.
11/2013 – 04/2021 Continuing Medical Education Physician Activity Leader, Department of Orthopedic Surgery, Einstein Medical Center, Philadelphia, PA

Memberships in Professional and Scientific Societies:

American Academy of Orthopedic Surgeons, Member
American Orthopedic Foot and Ankle Society, Member
Mensa International, Member

Presentations and Posters:

Chairman, Enovis Global Foot and Ankle Congress, Lisbon Portugal March 2025

Speaker, Hallux Varus Reconstruction options, AOFAS Advanced foot course, November 2024

Speaker, MIS Midfoot reconstruction and Marketing to Minority Communities, AOFAS Annual Meeting, Vancouver, CA September 2024

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Speaker, MIS 1st MTP arthrodesis, Western Wisconsin Foot and Ankle Conference, La Crosse, WI
October 2024

Speaker, Minimally Invasive foot and ankle Salvage procedures, UPENN Advanced Limb Preservation
Course, Philadelphia, PA September 2024

Poster Presentation, University of Pennsylvania Orthopedic Research Day: Human Placental Allograft:
Decreased Postoperative Pain in Foot and Ankle Tendon Repair and Debridement, Philadelphia, PA, June
2023

Panel Member, Case Controversies: What I do and Why, Eastern Orthopedic Association annual meeting,
Atlantic City, NJ, October 2022

Panel Member, Symposium: The Finer Points of MSK Infection: An Infectious Disease Perspective,
Pennsylvania Orthopedic Society Annual Meeting, October 2022

Moderator, Symposium. AOFAS Winter Meeting. February 2022

Panel Member, Business of Medicine, Turning MD into More than Doctor, J Robert Gladden Orthopedic
Society 2021 Spring Meeting, Philadelphia PA, May 2021

Intentional Success: Optimizing Learning, Performance and Outcomes, University of Pennsylvania Grand
Rounds, Philadelphia PA, March 2021

Panel member, Foot and Ankle Injuries: Avoiding the landmines, 12th Annual Philadelphia Orthopedic
Trauma Symposium, June 13, 2020.

CRPS and other Nerve syndromes of the lower extremity in athletes:
Yale University Dept of Orthopedics Grand Rounds, New Haven, CT, October 2018

Neurovascular injuries of the Lower Extremity in Athletes
Moss Rehab Sports Conference, Philadelphia, PA, July 2018

Common Foot and Ankle Injuries in the Running Athlete
Current Concepts in the Running and Throwing Athlete, Arcadia University, Glenside, PA
July 12, 2014

Flatfoot Deformities. EMCP, Department of Orthopedic Surgery Grand Rounds Conference,
December 20, 2013

Recovery Room Radiographs Following Total Hip Arthroplasty: Tradition vs. Utility

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Eastern Orthopedic Association Annual Meeting, Williamsburg, VA October 2011

Healthcare Reform and the future of Orthopedic Practice: Yale Orthopedic Grand Rounds, New Haven, CT, August 2010

Alternatives to Total Hip Arthroplasty: Waterbury Hospital Grand Rounds, Waterbury, CT, November 2010

Publications:

Perioperative Ketorolac Use Following Total Ankle Arthroplasty Is Associated with Increased Infection and Revision Risk

Akin A Adio, Jennifer X Hong, Ahab Alnemri, Nobuhiko Sumiyoshi, Hammam Kayali , Anthony Ndu
J Foot Ankle Surg. 2026 Jan, Online ahead of print.

Vancomycin Three Ways: Multimodal Utilization of Intraoperative Antibiosis in Complex Foot and Ankle Infection

Mastrangelo, Sand; Granruth, Caroline; Serra-Lopez, Viviana; Headen, Alvis; Ndu, Anthony
Techniques in Foot & Ankle Surgery. 23(1):45-49, March 2024.

Machine Learning Accurately Predicts Short-Term Outcomes Following Open Reduction and Internal Fixation of Ankle Fractures.

Merrill RK, Ferrandino RM, Hoffman R, Shaffer GW, Ndu A
J Foot Ankle Surg. 2019 Feb 22. pii: S1067-2516

Comparing 30-day all-cause readmission rates between tibiotalar fusion and total ankle replacement

Merrill RK, Ferrandino RM, Hoffman R, Ndu A, Shaffer GW
Foot Ankle Surg. 2018 Jan 12. pii: S1268-7731

Identifying Risk Factors for 30-Day Readmissions After Triple Arthrodesis Surgery

Merrill RK, Ferrandino RM, Hoffman R, Ndu A, Shaffer GW.
J Foot Ankle Surg. 2019 Jan;58(1):109-113

Patient Selection, Surgical Indications, and Preoperative Planning in: Total Ankle Replacement: An Operative Manual.

Wapner K, Ndu A, R DeOrio J, Parekh S (eds.) LWW June 2014

Recovery room radiographs following total hip arthroplasty: Tradition vs. utility?

Ndu A, Jegede K, Bohl D, Keggi K, Grauer J,
J Arthroplasty, 2012 Jun;27(6): 1051-6. Epub 2012 Feb2

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Contemporary management of symptomatic lumbar disc herniations

Jegade KA, Ndu A, Grauer JN. Orthop Clin North Am. 2010 Apr; 41(2):217-24.

Literature review: Magnetic resonance imaging interpretation in patients with symptomatic lumbar spine disc herniations: comparison of clinician and radiologist readings.

Ndu A, Grauer, JN. Spine Line May / June 2010; 31-32

Whiplash causes increased laxity of cervical capsular ligaments.

Ivancic PC, Ito S, Tominaga Y, Rubin W, Coe MP, Ndu AB, Carlson EJ, Panjabi MM.
Clin Biomech (Bristol, Avon). 2008 Feb; 23(2):159-65. Epub 2007 Oct 23.

Dynamic mechanical properties of intact human cervical spine ligaments

Ivancic PC, Coe MP, Ndu AB, Tominaga Y, Carlson EJ, Rubin W, Dipl-Ing FH, Panjabi MM.
Spine J. 2007 Nov-Dec; 7(6): 659-65. Epub 2007 Jan 2.

Neck ligament strength is decreased following whiplash trauma

Tominaga Y, Ndu AB, Coe MP, Valenson AJ, Ivancic PC, Ito S, rubin W, Panjabi MM.
BMC Musculoskelet Disord. 2006 Dec 21; 7:103.