

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

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:

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

American Board of Orthopedic Surgeons, Board Certified 7/2015

Licensure:

Pennsylvania

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Prior Work Experience:

Attending Orthopedic Surgeon

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:

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

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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
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:

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?

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

Contemporary management of symptomatic lumbar disc herniations

Jegede 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.