

PUBLICATIONS:

1. Edobor-Osula F, Strom JA, VanAuker MD, Saliccioli L, Clark LT . A Retrospective Case Study on the Risk Factors Associated with the Progression of Aortic Valve Disease. *J Assoc Acad Minor Phys.* 2000;11(4):69
2. Shindle MK, Tyler W, Edobor-Osula F, Gardner MJ, Shindle L, Toro J, Lane JM. Unsuspected Lymphoma Diagnosed using Biopsy during Kyphoplasty. *J Bone Joint Surg Am.* 2006 Dec;88(12):2721-4.
3. Papadopoulos EC, Edobor-Osula F, Gardner MJ, Shindle MK, Lane JM. Unipedicular Balloon Kyphoplasty for the Treatment of Osteoporotic Vertebral Compression Fractures: Early Results. *J Spinal Disord Tech.* 2008 Dec;21(8):589-96.
4. Neviasser AS, Lane JM, Lenart BA, Edobor-Osula F, Lorich DG. Low-energy femoral shaft fractures associated with alendronate use. *J Orthop Trauma.* 2008 May-Jun;22(5):346-50.
5. Lenart BA, Neviasser AS, Lyman S, Chang CC, Edobor-Osula F, Steele B, van der Meulen MC, Lorich DG, Lane JM. Association of low-energy femoral fractures with prolonged bisphosphonate use: a case control study. *Osteoporos Int.* 2009 Aug;20(8):1353-62.
6. Ghorayeb SR, Shah NV, Edobor-Osula F, Lane LB, Razzano P, Chahine N, Grande DA. Ultrasonic assessment of extracellular matrix content in healing Achilles tendon. *IEEE Trans Ultrason Ferroelectr Freq Control.* 2012 Apr;59(4):694-702
7. LaMont L, Ladenhauf H, Edobor-Osula F, Bogner E, Huong D, Green DW. Secondary Ossification Centers in the Development of the Medial Malleolus. *J Ped Orthop.* 2015 Apr-May;35(3):314-7.
8. Dodwell E, Edobor-Osula F, Widmann R. Socioeconomic factors are associated with trends in treatment of pediatric femoral shaft fractures, and subsequent hardware removal in New York State. *J Ped Orthop.* 2016;36:459-464.

B. Abstracts

1. Shindle MK, Tyler W, Edobor-Osula F, Gardner MJ, Shindle L, Toro J, Lane JM. Unsuspected Lymphoma Diagnosed using Biopsy during Kyphoplasty. American Academy of Orthopaedic Surgeons, 2007 (San Diego, CA) International Osteoporosis Foundation, 2006 (Toronto, Canada) University at Albany School of Public Health, 2006 (Albany, NY)
2. Papadopoulos EC, Edobor-Osula F, Gardner MJ, Shindle MK, Lane JM. Unipedicular Balloon Kyphoplasty for the Treatment of Osteoporotic Vertebral Compression Fractures. American Academy of Orthopaedic Surgeons 2007 (San Diego, CA) North American Spine Society, 2007 (Austin, TX)

3. Edobor-Osula F, Strom JA, VanAuker MD, Saliccioli L, Clark LT. A Retrospective Case Study on the Risk Factors Associated with the Progression of Aortic Valve Disease. American Academy of Minority Physicians, 2000 (Washington, D.C.)
4. Neviasser AS, Lane JM, Lenart BA, Edobor-Osula F, Lorich DG. Low-energy femoral shaft fractures associated with alendronate use. American Academy of Orthopaedic Surgeons, 2009 (Las Vegas, NV) Orthopaedic Trauma Association, 2009 (San Diego, CA)
5. Handelsman JE, Weinberg J, Edobor-Osula OF, Godfried DH. The Role of the Small AO External Fixator in Proximal Tibial Osteotomies in Children. Eastern Orthopaedic Association, 2011 (Williamsburg, VA)
6. Handelsman JE, Edobor-Osula OF, Godfried DH. The Management of Cleft Foot Deformity. American Orthopaedic Association Meeting, 2011 (Boston, MA)
7. Edobor-Osula OF, Mostafavi HR. The Use of an Intramedullary Nail with Cephalocervical Screw Fixation for the Treatment of Intertrochanteric Fractures: The North American Experience. NS/LIJ Research Day, 2010
8. Edobor-Osula OF, Lane LB, Ast M, Razzano P, Chahine NO, Shah NV, Ghorayeb S, Grande, D. Correlation of Achilles Tendon Healing with Ultrasound Imaging and Biomechanics. NS/LIJ Research Day, 2011
9. Edobor-Osula OF, Garner M, Meyers K, Widmann R, Scher D. Blade Plate Strength in Varus Derotational Osteotomies: a Biomechanical Study. American Academy for Cerebral Palsy and Developmental Medicine, 2015 (Austin, TX)
10. Joseph J. Ruzbarsky, MD, Ishaan Swarup, MD, Matthew Garner, MD, Kathleen Meyers, MS, Folorunsho Edobor-Osula, MD, Roger Widmann, MD, David M. Scher, MD Biomechanical Comparison of Two Different Blade Plate Designs in Simulated Proximal Femoral Varus Osteotomies. American Academy of Orthopaedic Surgery Annual Meeting, 2016 (San Diego, CA).

C. Current Research

IRB Approved Studies:

1. Lower Extremity Casts and Their Effect on School Attendance. Data collection ongoing.
2. Compartment Pressures in Children with Normal and Fractured Tibias. Data collection ongoing.
3. Association of Low vitamin D levels with the need for Surgical Correction of Pediatric Fractures. Data collection ongoing.

4. Correlation of MRI findings with radiographs in children with Blount's disease. Data collection ongoing.

D. Books, Monographs and Chapters

1. Edobor-Osula F, Sabharwal S. Tibial plateau elevation for early onset Blount disease. Limb Lengthening and Reconstruction Surgery Case Atlas. Editors, Rozbruch SR, Hamdy R. Springer Publishers, 2014

2. Edobor-Osula F, Sabharwal S. 13 year-old with unilateral late-onset Blount Disease. Limb Lengthening and Reconstruction Surgery Case Atlas. Editors, Rozbruch SR, Hamdy R. Springer Publishers, 2014

PRESENTATIONS:

A. Regional

1. Physical Examination of the Knee and Shoulder. 15th Annual Sports Medicine for the Young Athlete Course. Hospital for Special Surgery, New York, New York. 2/2013

2. Arthrogyrosis: A Case-Based Discussion on the Etiology, Musculoskeletal Clinic Findings, and Management Options. Grand Rounds Speaker, Department of Pediatrics, Rutgers- New Jersey Medical School, Newark, NJ. 1/2014

3. Adolescent Idiopathic Scoliosis. Irvington Public School Nursing In-service Training. Irvington Middle School, Irvington, NJ. 3/2014

4. Introduction to Surgical Subspecialties. New Jersey Medical School SMART Program. New Jersey Medical School, Newark, NJ. 7/2014

5. Overview of Pediatric Orthopaedic Surgery. Cable Access Television – A Moment in Medicine, Newark, NJ. 4/2015

6. Introduction to Surgical Subspecialties. New Jersey Medical School SMART Program. New Jersey Medical School, Newark, NJ. 2/2016

7. Careers in Medicine MSK Specialty Panel Session. New Jersey Medical School. Newark, NJ. 2/2016

8. Septic Arthritis vs. Transient Synovitis of the Hip in the Pediatric Population. A Case-Based Discussion. Grand Rounds Speaker. Newark Beth Israel Medical Center, Newark, NJ. 3/2016

9. Evaluation and Management of Gait Abnormalities in Children. Ground Rounds Speaker. Saint Barnabas Medical Center, Livingston, NJ. 10/2016

10. American Medical Women's Association: Invited Speaker. New Jersey Medical School. Newark, NJ 10/2016

11. Limb Deformity Correction: Analysis and Techniques. 98th Annual Alumni Association Meeting. Hospital for Special Surgery, New York, NY. 11/2016

12. Evaluation and Management of Gait Abnormalities in Children. Department of Pediatrics Newark Beth Israel Medical Center. Newark, NJ. 11/2016

13. Septic Arthritis vs. Transient Synovitis of the Hip in the Pediatric Population. A Case Based Discussion. Department of Pediatrics – NJMS - Resident Lecture. Newark, NJ. 2/2017

14. Introduction to Surgical Subspecialties. New Jersey Medical School SMART Program. New Jersey Medical School, Newark, NJ. 2/2017

15. Project Pediatrics. Rutgers- New Jersey Medical School Pediatric Interest Group. Presentation. Newark, NJ. 3/2017

16. Your Destiny Foundation. Cerebral Palsy Awareness Event. Newark, NJ. Guest Speaker. 3/2017.

17. Evaluation and Management of Gait Abnormalities in Children. Department of Pediatrics Department of Pediatrics – NJMS- Resident Lecture. Newark, NJ. 3/2017

B. National:

1. Surgical Considerations for Lower Extremity Prosthetics in the Pediatric Population. Hanger Education Fair & National Meeting. Grand Rounds Speaker. Las Vegas, NV. 2/2016