

May 2013

Alfred Atanda Jr., M.D.

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Education:

1996 – 2000

B.Sc., University of Virginia (Biochemistry)

2000 – 2004

M.D., University of Pennsylvania

Post Graduate Training/Fellowship Appointments:

2010 – 2011

Fellowship, Sports Medicine, Thomas Jefferson University Hospital;
Philadelphia, PA

2009 -- 2010

Fellowship, Pediatric Orthopedics, A.I. DuPont Children's Hospital;
Wilmington, DE

2005 – 2009

Resident in Orthopedic Surgery, University of Chicago Hospitals; Chicago, IL.

2004 – 2005

Intern in General Surgery, University of Chicago Hospitals; Chicago, IL.

Hospital and Administrative Appointments:

2010 –

Pediatric Orthopedic Surgeon, A.I. DuPont Children's Hospital; Wilmington, DE

2011-

Surgical Director, Sports Medicine Program, A.I. DuPont Children's
Hospital; Wilmington, DE.

2012-

Assistant Professor Orthopedic Surgery, Thomas Jefferson University; Philadelphia, PA.

Team Affiliation:

Philadelphia Phillies, Assistant Team Physician, 2010-2011

Philadelphia Eagles, Assistant Team Physician, 2010-2011
Philadelphia Flyers, Assistant Team Physician, 2010-2011
St. Joseph's University Athletics, Assistant Department Physician, 2010-2011

Specialty Certification:

2009

American Board of Orthopedic Surgery

Medical Licensure:

Delaware (2010)

Pennsylvania (2012)

New Jersey (2012)

Awards and Honors:

Recipient of J. Robert Gladden Society International Traveling Fellowship Award (2008)

Recipient of AAOS/POSNA 5th International Pediatric Orthopaedic Symposium Scholarship Award (2008)

Recipient of J. Robert Gladden Society Board Review Course Scholarship (2009)

First Place Clinical Science Award – OREF Midwest Orthopaedic Resident Research Symposium (2009)

Participant, AAOS/OREF/ORS Clinician Scholar Development Program (2011)

Participant, AOSSM Young Investigator Research Mentoring Program (2013-2015)
Mentor: Mininder Kocher, MD, Boston Children's Hospital

Participant, AAOS/OREF/ORS New Investigator Workshop (2013)

Memberships in Professional and Scientific Societies:

American Academy of Orthopaedic Surgeons (Member 2005-)

J. Robert Gladden Orthopaedic Society (Member 2006-)

Pediatric Society of North America (Member 2009-)

Arthroscopy Association of North America (Member 2010-)

American Orthopedic Society for Sports Medicine (Member 2010-)

Medical Reviewer Positions:

KidsHealth.org (2009-)

American Journal of Sports Medicine (2010-)

Clinical Orthopedics and Related Research (2011)

Committes:

POSNA Research Committee (2012-)

Miscellaneous Academic Endeavors:

A.I. duPont Trauma Research and Injury Prevention Collaborative (2011-)
Sports Medicine / Radiology Imaging Conference (Co-Director 2011-)

Publications, peer reviewed:

1. Fareed MU, Hans GH, **Atanda A**, Strichartz, GR, and Davar G: Pharmacological Characterization of Acute Pain Behavior Produced by Application of Endothelin-1 to Rat Sciatic Nerve. *Journal of Pain*. 2000; 1(1):46-53.
2. Weinrieb RM, Barnett R, Lynch KG, DePiano M, **Atanda A**, and Olthoff KM: A Matched Comparison of Medical/Psychiatric Complications and Anesthesia/Analgesia Requirements in Methadone Maintained Liver Transplant Patients. *Liver Transpl* 2004; 10(1):97-106.
3. **Atanda A**, Hosalkar HS, Wells L, Russo P, Kaye R, and Dormans JP: Knee Pain in a 12 Year-Old Girl. *Clinical Orthopaedics and Related Research* 2004; 425: 284-289.
4. Hosalkar HS, **Atanda A**, Baroetta J, Torbert JT, Lackman RD. A Rare Case of Ewing Sarcoma and Osteosarcoma at Different Sites Ten Years Apart. *Clinical Orthopaedics and Related Research* 2005; 434: 273-277.
5. Hosalkar HS, Cheung-Moore E, **Atanda A**, Ogilvie CM, Lackman RD. An Undescribed Cause of Patellar Tendon Rupture. *American Journal of Orthopaedics*, 34:333, July 2005.
6. **Atanda A**, Hosalkar HS, Torbert JT, Ramos RY, Ogilvie CM, Lackman RD. Shoulder Pain and Mass in a 22 Year Old Man. Case Report. *Clinical Orthopaedics and Related Research* 2005; 436: 277-284.
7. **Atanda A**, Statter MB. A Case of Compartment Syndrome of the Leg after Intraosseous Infusion: Guidelines for Prevention, Early Detection, and Treatment. *American Journal of Orthopaedics*. 2008;37(12):E197-E199.
8. **Atanda A**, Wahlgren CM, Piano G, Sullivan C. Vascular Injury Requiring Repair Associated with a Pediatric Femur Fracture: A Case Report and Brief Review of the Literature. *American Journal of Orthopaedics*. 2009;38(3):E61-E63.
9. Steffner RJ, Liao C, Stacy G, **Atanda A**, Attar S, Avedian R, Peabody T. Factors Associated with Recurrence in Primary Aneurysmal Bone Cysts: Is Argon Beam Coagulation an Effective Adjuvant Treatment? *J Bone Joint Surg Am*. 2011 Nov 2;93(2`):e1221-9.
10. O'hagan TV, Reddy D, Hussain W, Mangla J, **Atanda A**, Bielski RJ. A Rare Ulnar Epiphyseal Fracture Variant. A Case Report and Brief Literature Review. *Am J Orthop*. 2012 Jan;41(1):E1-3.

11. Karatas AF, Dede O, **Atanda A**, Holmes L Jr., Rogers K, Gabos P, Shah SA. Comparison of Direct Repair Techniques of Spondylolysis in Pediatric and Adolescent Patients: Pars Compression Screw vs. Pedicle Screw-Rod Hook Construct. *J Spinal Disord Tech.* 2012 Oct 16.

12. **Atanda A**, O'Brien DF, Kraeutler MJ, Rangavajjula A, Lazarus MD, Ramsey ML, Tucker BS, Williams GR Jr., Cohen SB, Ciccotti MG, Dodson CC. Outcomes After Distal Biceps Repair in Patients With Workers' Compensation Claims. *J Shoulder Elbow Surg.* 2012 Dec 13.

13. Ciccotti M, **Atanda A**, Nazarian L, Cohen S, Holmes Jr., L, Dodson C. Dynamic Sonography of the Ulnar Collateral Ligament of the Elbow in Professional Baseball Pitchers. Submitted to *American Journal of Sports Medicine* for publication, request for revisions has been made.

Editorials, Reviews, Chapters:

1. **Atanda A**, Reddy D, Vyas D, Terry MA: Osteochondritis Dissecans of the Humeral Capitellum. *American Academy of Orthopaedic Surgeons Web site: Orthopaedic Knowledge Online* 2009;7(8): <http://www5.aaos.org/oko/description.cfm?topic=SPO060>. Accessed July 28, 2009.

2. **Atanda A**, Reddy D, Rice JA, Terry M. Injuries and Chronic Conditions of the Knee in Young Athletes. *Pediatr. Rev.* 2009;30;419-430.

3. **Atanda A**, O'brien K, Shah S. Osteochondroses: A Common Cause of Pain in Growing Bones. *Am Fam Physician.* 2011;83(3):285-291.

4. **Atanda A**, Ruiz D, Dodson CC, Frederick RW. Approach to the Active Patient With Chronic Anterior Knee Pain. *Phys Sportsmed.* 2012 Feb;40(1):41-50.

5. Hammoud S, Sgromolo N, **Atanda A**. The Approach to Elbow Pain in the Pediatric and Adolescent Throwing Athlete. Submitted to the *Physician and Sports Medicine* for Publication.

Poster Abstracts:

1. Lackman RD, Hosalkar HS, **Atanda A**, King J, Ogilvie CM, Fox E. Endoprosthetic Reconstructions in Musculoskeletal Tumors: Results of Long-Term Follow-Up of 198 Cases. Presented at the Musculoskeletal Tumor Society (2004).

2. Hosalkar HS, **Atanda A**, Stopyra G, Dolinskas C, Ogilvie CM, Lackman R. Hibernomas: Largest Single Series with Review of Histopathological, Molecular-

Cytogenetic, Radiological and Clinical Findings. Presented at the Musculoskeletal Tumor Society (2004).

3. Hosalkar HS, **Atanda A**, Olgivie CM, Fox EJ, Lackman RD. Infections After Endoprosthetic Reconstructions: Review of Early Postoperative Infections in 129 Primary Endoprostheses. Presented at the American Academy of Orthopaedic Surgeons (2005) and Musculoskeletal Tumor Society (2004).

4. **Atanda A**, Angeline M, Gupta P. Surgical Treatment of Spondylolysis Augmented with Demineralized Bone Matrix and Bone Morphogenetic Protein. American Academy of Orthopaedic Surgeons, February 2009.

5. Martell JM, Mangla J, Ellis R **Atanda A**, Sullivan CM, Bielski RJ, Segal LS. A Novel Biomechanical Model to Assess the Risk of Slipped Capital Femoral Epiphysis in the Contralateral Hip. Pediatric Orthopaedic Society of North America, April 2009.

6. **Atanda A**, Kruse R, Holmes L. Mortality After Pediatric Trauma: Does Insurance Status Play a Role? Presented at the American Academy of Pediatrics 2010 Meeting, Division of Violence and Injury Prevention, San Francisco, California.

7. **Atanda A**, Kruse R, Holmes L. Geo-epidemiologic Mapping of Motor-Vehicular Associated Pediatric Blunt Trauma in the State of Delaware. Presented at the American Academy of Pediatrics 2010 Meeting, Division of Violence and Injury Prevention, San Francisco, California.

8. **Atanda A**, Kruse R, Holmes L. Geo-epidemiologic Mapping of Motor-Vehicular Associated Pediatric Blunt Trauma in the State of Delaware. Presented at the American College of Epidemiology 2011 Meeting, San Francisco, California.

9. **Atanda A**, Karamitopoulos, M, Kruse R, Holmes L. Mortality After Pediatric Trauma: Does Insurance Status Play a Role? Presented at the American Academy of Orthopedic Surgeons 2011 Meeting, San Diego, California.

10. Ciccotti M, Nazarian L, **Atanda A**, Cohen S, Holmes Jr., L, Dodson C. Using Dynamic Elbow Ultrasound to Characterize Progression of Ulnar Collateral Ligament Abnormalities Over Time in Professional Baseball Pitchers. Presented at the American Orthopedic Society for Sports Medicine 2012 Meeting, Baltimore, Maryland.

11. **Atanda A**, O'brien DF, Kraeutler MJ, Flato R, Dodson CC, Cohen SB, Ciccotti MG. Anterior Cruciate Ligament Reconstruction with Bone-Patellar Tenon-Bone Autograft versus Allograft in Young Patients. Presented at the Arthroscopic Association of North America 2013 Meeting, San Antonio, Texas.

12. O'brien DF, Kraeutler MJ, Kyonos L, Flato R, **Atanda A**, Ciccotti MG, Cohen SB. A Matched-Pair Comparison of Bone-Patellar Tendon-Bone Allograft versus Tibialis Anterior Allograft for Anterior Cruciate Ligament Reconstruction. Presented at the Arthroscopic Association of North America 2013 Meeting, San Antonio, Texas.

Podium Abstracts:

1. Martell JM, Ellis R, **Atanda A**, Sullivan CM, Bielski RJ, Mangla J,. A Novel Biomechanical Method to Assess the Risk for Slipped Capital Femoral Epiphysis in Children. University of Chicago Huggins Research Symposium, February 2008.
2. Martell JM, Ellis R, **Atanda A**, Sullivan C, Bielski R, Mangla J,. A Novel Biomechanical Method to Assess the Risk for Slipped Capital Femoral Epiphysis in Children. Orthopedic Research Society, February 2009.
3. Hussain W, Reddy D, **Atanda A**, Martell JM, Terry MA. The Course of the Tendon of the Long Head of the Biceps: An Anatomic Study in Human Cadavers. University of Chicago Huggins Research Symposium, March 2009.
4. **Atanda A**, Karamitopoulos, M, Kruse R, Holmes L. Mortality After Pediatric Trauma: Does Insurance Status Play a Role? Presented at the Pediatric Orthopedic Society for North America 2011 Meeting, Montreal, Canada.
5. Karatas, Ali, **Atanda A**, Holmes L, Rogers K, Gabos P, Shah S. Comparison of Direct Pars Repair Techniques of Spondylolysis: Pedicle Screw-Rod-Hook versus Laminar Pars Compression Screw. International Meeting on Advanced Spine Techniques 2012 Meeting, Istanbul, Turkey.
6. **Atanda A**, O'Brien D, Ciccotti MG. Anterior Cruciate Ligament Reconstruction With Bone-Patellar Tendon-Bone Autograft Versus Allograft In Young Patients. Presented at the Eastern Orthopedic Association 2012 Meeting, Bolton Landing, NY.
7. Stewart R, **Atanda A**, O'Brien D, Ciccotti MG. Evaluating Return To Play Status And Functional Outcome After Ulnar Collateral Ligament Reconstruction Using A Validated Assessment Tool. Presented at the Eastern Orthopedic Association 2012 Meeting, Bolton Landing, NY.
8. **Atanda A**, Ciccotti M, Nazarian L, Cohen S, Holmes Jr., L, Dodson C. Early Anatomic Abnormalities in the Anterior Band of the Ulnar Collateral Ligament Detected on Dynamic Elbow Ultrasound in Professional Baseball Pitchers Ages 17-21. Presented at the American Orthopedic Society for Sports Medicine 2012 Meeting, Baltimore, Maryland.
9. Hussain W, Reddy D, **Atanda A**, Schickendantz M, Terry M, Jones, M. The Anatomy of the Long Head of the Biceps Tendon and Implications on Tenodesis. Presented at the American Academy of Orthopedic Surgery 2013 Meeting, Chicago, Illinois.
10. Ciccotti M, **Atanda A**, Nazarian L, Cohen S, Holmes L, Dodson C. Dynamic Sonography of the Ulnar Collateral Ligament of the Elbow in Professional Baseball

Pitchers. Presented at the American Academy of Orthopedic Surgery 2013 Meeting, Chicago, Illinois.

Lectures:

1. **Atanda A**, Rice JA, Reddy D. Outpatient Management of Pediatric Knee Pain. University of Chicago Department of Pediatrics, January 2008.
2. **Atanda A**. Review of Basic Orthopaedics. American Physician Institute General Surgery Board Review Course, Chicago, IL; June 2008.
3. **Atanda, A**. Pediatric Upper Extremity Fractures. University of Chicago Department of Emergency Medicine, August 2008.
4. **Atanda A**, Rice JA. Outpatient Management of Pediatric Knee Pain. University of Chicago Department of Pediatrics, January 2009.
5. **Atanda A**. Evaluation and Management of Compartment Syndrome. Alfred I. DuPont Hospital for Children, Trauma M&M Conference, December 9, 2009.
6. **Atanda A**. Sports Medicine in the United States. St. Joseph's University visiting Chinese Delegation of Sports Medicine Personnel and Administrators, November 2010.
7. **Atanda A**. Sports Medicine at Nemours. Bones, Breaks, and Spines: A Day of Orthopedics for Nurses. Alfred I. DuPont Hospital for Children, April 2010.
8. **Atanda A**. Approach to Adolescent Athlete with Elbow Pain. National Medical Association, Washington, D.C., July 2011.
9. **Atanda A**, O'brien K. Knee Pain and Knee Injuries in the Young Athlete. Perspectives in Pediatrics, Radnor, PA, September 2011.
10. **Atanda A**. Elbow Injuries in Young Athletes. Cape Cod Conference on Pediatrics for the Primary Care Physician, Hyannis, MA, August 2012.
11. **Atanda A**. Pelvic Injuries in Young Athletes. Cape Cod Conference on Pediatrics for the Primary Care Physician, Hyannis, MA, August 2012.
12. **Atanda A**. Osteochondritis Dissecans Lesions in Young Athletes. Cape Cod Conference on Pediatrics for the Primary Care Physician, Hyannis, MA, August 2012.
13. **Atanda A**. Pediatric Elbow Injuries. Best Practices in Pediatric Trauma Care, Wilmington, DE, September 2012.
14. **Atanda A**. Approach to the Adolescent Athlete with Elbow Pain. University of Delaware, Department of Athletic Training, October 2012.

15. **Atanda A.** Treating Shoulder SLAP and Bankart Tears with Arthrex Suture – Tak Devices. International Pediatric Orthopedic Symposium. Orlando, FL, Dec 2012.

16. **Atanda A.** Approach to the Adolescent Athlete with Elbow Pain. UMDNJ, Department of Orthopedics, March 2013.

17. **Atanda A.** Approach to the Adolescent Athlete with Elbow Pain. Thomas Jefferson University, Department of Orthopedics, March 2013.

Grand Rounds:

1. **Atanda A.** Elbow Injuries in Pediatric and Adolescent Athletes: Evaluation, Treatment, and Prevention. St. Lukes Hospital, Department of Orthopedics, Grand Rounds, NY, NY, February 2012.

Media Appearances:

1. Guest on “Youth in Sports”. Wilmington, Delaware sports program discussing issues pertaining to local youth athletes. Filmed at Wilmington University TV Studio, September 15, 2011.

2. Guest on “NBC 10!” show. Discussed overuse injuries in youth baseball players. Filmed at NBC 10 TV Studio, Bala Cynwyd, PA, April 10, 2012.

3. Appeared on “Healthy Kids Minute” blog on Philly.com/Health, June 7, 2012.

4. Star on NBC Sports Network show “The Whistle” which features current sports issues for children and adolescents. October 2012-December 2012.

5. Philly.com Health section – Sports Medicine Expert Blog, November 2012 – present.

6. Live Facebook Chat – Q & A about ACL injuries, elbow injuries, and overuse injury prevention in youth athletes (quarterly since November 2012).

Research Support

1. Using Dynamic Elbow Ultrasound to Identify the Effect of Pitching on the Structural and Functional Anatomy of the Ulnar Collateral Ligament in Youth Baseball Pitchers.

NIH / Nemours COBRE Grant (Intra-mural) - \$10,500 (2013-2014)