



Miguel A. Ramirez, MD

OSF ORTHOPAEDICS

Shoulder, Elbow & Sports Medicine

303 N William Kumpf Blvd. Peoria, IL 61614

Phone: (0) 309.676.5546

E-Mail: Miguel.a.Ramirez@osfhealthcare.org

www.Peoriashoulder.com

Employment

2015-Present	Orthopaedic Surgeon: Shoulder, Elbow and Sports Medicine Great Plains Orthopaedics	Peoria, IL
2015-Present	Assistant Clinical Professor: University of Illinois College of Medicine	Peoria, IL

Education

2014-2015	Shoulder and Elbow Surgery Fellowship: Dr. Anand Murthi, Dr. Jason Stein. MedStar Union Memorial Hospital	Baltimore, MD
2008-2014	Resident Physician '14. Dept. of Orthopaedic Surgery, <ul style="list-style-type: none"> Union Memorial Hospital. The Johns Hopkins University The Curtis National Hand Center R. Adams Cowley Shock Trauma Center 	Baltimore, MD
2003-2008	MD, <i>Cum Laude</i> , Harvard Medical School	Boston, MA
1999-2003	BS Genetics (with Honors), University of Kansas	Lawrence, KS

Achievement and Awards

2015	Roger H. Michael Orthopaedic Research Award
2014	Roger H. Michael Orthopaedic Research Award
2013	Finalist: AAOS/ASES Charles S. Neer Orthopaedic Research Award
2013	Roger H. Michael Orthopaedic Research Award
2012	Orthopaedic Research and Education Fund (OREF) Grant
2012	Roger H, Michael Orthopaedic Research Award
2011	FDA Medical Device Fellowship
2008	Best Poster, Practice Management/rehabilitation. AAOS Annual meeting,
2008	Cum Laude Honors, Harvard Medical School
2006	Elected into the Aesculapian Club. Harvard Medical School
2006	Harvard University Finalist: AAMC Herbert W. Nickens Award
2005	Doris Duke Charitable Foundation Clinical Research Fellowship
2002	K-BRIN Biomedical Sciences Fellowship

2001 University of Kansas Undergraduate Research Award
2001 NSF-REU Undergraduate Research Fellowship

Work/Service Experience

2012-Present **Resident Advisory Board.** Orthomind.
2011-2012 **Clinical Reviewer:** Food and Drug Administration. Center for Devices and Radiological Health. White Oak, MD
2009-2011 **Resident member:** Graduate Medical Education Committee. Union Memorial Hospital, Baltimore, MD.
2007 **Researcher:** Millennium Villages Project. Rwanda, Tanzania, Kenya. The Earth Institute at Columbia University.
2005-2008 **Member:** Comprehensive Exam Steering Committee. Harvard Medical School. Boston, MA
2004, 2005 **Tutor/Mentor:** National Youth Leadership Forum. Harvard Medical School. Boston, MA
2004-2006 **President:** Orthopedic Surgery Interest Group, Harvard Medical School. Boston, MA
2004-2008 **Member:** Cultural Competent Care Education Committee, Curriculum Development Sub-Committee, Synergies Sub-committee Harvard Medical School. Boston, MA
2003-2004 **Teacher:** Prevention, Health Awareness and Choice through Education (PHACE). Harvard Medical School. Boston, MA
2001-2003 **Vice-President:** Beta Beta. Beta Biological Honor society, Pi Lambda Chapter, University of Kansas. Lawrence, KS
2002-2003 **Undergraduate Teaching Assistant:** Organic Chemistry Laboratory. Dept. of Chemistry, University of Kansas. Lawrence, KS
2002-2003 **Co-founder and Co-director:** Minority Scholars Mentoring Program (MSMP), University of Kansas. Lawrence, KS
2001 **Undergraduate Teaching Assistant:** Introductory Biology Laboratory. Dept. of Molecular Biosciences, University of Kansas. Lawrence, KS
2000 **Undergraduate Teaching Assistant:** Introductory Astronomy. Dept. of Physics and Astronomy, University of Kansas. Lawrence, KS

Publications

1. **Day CS, Ramirez MA:** Thumb Metacarpophalangeal Arthritis: Arthroplasty or Fusion? *Hand Clin* 2006;22:211-220.
2. **Ramirez MA, Richardson LC, Hong J, Rodriguez EK, Ramappa AJ.** Preliminary results of a retrospective Review of Hip Fracture Operations at Night versus Daytime. *The Orthopedic Journal at Harvard Medical School.* 2006. 125-127

3. **Ramirez MA, Rodriguez EK, Zurakowski D, Richardson LC.** Detection of Orthopaedic Implants In-vivo by walk-through metal detectors. . *The Orthopedic Journal at Harvard Medical School.* 2006. 118-119
4. **Ramirez MA, Richardson LC.** Spontaneous Bilateral Achilles tendon Rupture: A case Report and Review of the Literature. *The Orthopedic Journal at Harvard Medical School.* 2006. 120-124
5. **Ramirez MA, Rodriguez EK, Zurakowski D, Richardson LC.** Detection of Orthopedic Implants by High-sensitivity walk-through metal detectors. *J. Bone Joint Surg. Am.* 89:742-746, 2007.
6. **Day CS, Yeh AC, Franko O, Ramirez MA, Krupat E.** Musculoskeletal Medicine: An Assessment of the Attitudes and Knowledge of Medical Students. *Academic Medicine.* 82(5):452-457, May 2007
7. **Ramirez MA, Richardson LC.** Pulmonary Embolism Associated with Spontaneous Bilateral Achilles' Tendon Rupture. *J Foot Ankle Surg* 2007 Jul-Aug;46(4):283-7.
8. **Ramirez MA, Richardson LC, Souza K, Day CS.** **General Splinting Techniques Chapters.** In Thomsen, T & Setnik, G (Ed.), *ProceduresConsult: Internal Medicine.* Philadelphia: Elsevier. 2006
9. **de Ramirez SS, Enquobahrie DA, Nyadzi G, Mjunga D, Magombo F, Ramirez M, Sachs SE, Willett W.** Prevalence and correlates of Hypertension: A cross-sectional study among rural populations in sub-Saharan Africa. *J Hum Hypertens.* 2010 Dec;24(12):786-95. Epub 2010 Mar 11.
10. **Ramirez MA, Means KR.** Digital Soft Tissue Trauma: A Concise Primer of Soft Tissue Reconstruction of Traumatic Hand Injuries. *Iowa Orthop J.* 2011;31:110-20
11. **Chacko AT, Ramirez MA, Ramappa AJ, Richardson LC, Appleton PT, Rodriguez EK.** Does Late Night Hip Surgery Affect Outcome? *J Trauma.* 2011 Aug;71(2):447-53.
12. **Ramirez, MA. Murthi AM.** Shoulder Dislocation in the Elderly Patient. *J Am Acad Orthop Surg.* 2012 Oct;20(10):615-22.
13. **Ramirez MA, Murthi AM.** Total elbow arthroplasty in a patient with proximal radioulnar synostosis. *Curr Orthop Pract* 2012 Sep;23(5):512-4
14. **Ramirez, MA, Ramirez, JM, Murthi AM:** Reverse Total shoulder replacement for irreparable rotator cuff tears and cuff tear arthropathy. *Clin Sports Med.* 2012 Oct;31(4):749-59
15. **Ramirez, JM, Ramirez MA, Essilfie A, Mollano, A.** Roundworm-associated median nerve compression: A case report. *Iowa Orthopaedic Journal.* 2013; 33: 225-227
16. **Ramirez, MA, Ramirez JM, Murthi AM.** Multimodal Local Infiltration Analgesia in Total shoulder Replacement. *Pain Manage.* (2013) 3(4), 1-3
17. **Petraglia CA, Ramirez, MA, Parks BG, Murthi AM.** Glenohumeral Pressure with Surface Replacement Arthroplasty Versus Hemiarthroplasty. *Orthopedics.* 2014 Sep 1:37(10)
18. **Ramirez MA, Murthi AM.** Biomechanics of reconstruction constructs. In: Dines JS, Altchek DW, editors. *Elbow Ulnar Collateral Ligament Injury: A Guide to Diagnosis and Treatment.* New York: Springer; 2015. p. 135-40.
19. **Ramirez MA, Murthi AM.** Point/counterpoint. Chronic locked anterior dislocations: soft tissue allografts. In: Dodson CC, Dines DM, Dines JS, Walch G, Williams GR, editors. *Controversies in Shoulder Instability.* Philadelphia: Lippincott Williams & Wilkins; 2014. p. 156-60
20. **Ramirez, MA. Parks BG, Murthi AM.** Olecranon tip Autograft for irreparable coronoid fractures. A biomechanical Study. *Hand.* Dec 3 2015.
21. **Ramirez, MA; Ramirez, JM; Murthi, A** Particulated Juvenile Cartilage Graft (DeNovo®NT) for the Management of a Glenohumeral Cartilage Lesion: A Case Report. *JBJS Case Connect* 2015;5:e56 d

22. **Ramirez, M. Neary, T, Ramirez J, Stein J, Murthi A.** Multimodal Local Infiltration Analgesia In Shoulder Replacement: A Randomized, Double Blinded, Placebo-Controlled Study. In Submission, Journal of Shoulder and Elbow Surgery.
23. **Ramirez, MA, Stein JS, Murthi AM. Varus Posteromedial Elbow Instability.** Hand Clin. 2015 Nov;31(4):557-63. doi: 10.1016/j.hcl.2015.06.005. Epub 2015 Aug 7.
24. **Ramirez, MA. Murthi, AM..** Distal ulna allograft for proximal humerus fractures. Tech Shoulder Elbow Surg 2016;17:38-42.
25. **Ramirez, MA, Murthi AM, Cheung E. Revision Total Elbow Arthroplasty. Accepted. JAAOS.**

Podium Presentations

1. **Ramirez, MA.** Lacertus fibrosis vs Achilles tendon allograft reconstruction for chronic distal biceps tears: A biomechanical study. AOSSM Specialty Day. March 4, 2016. Orlando FL
2. **Ramirez, MA.** Lacertus fibrosis vs Achilles tendon allograft reconstruction for chronic distal biceps tears: A biomechanical study. American Academy of Orthopaedic Surgeons Annual Meeting. March 3, 2016. Orlando FL
3. **Ramirez, MA.** Kissing Intramedullary Devices: How Close is Too Close? **Maryland Orthopaedic Association Annual Meeting.** Baltimore, MD. April 12, 2014.
4. **Ramirez, MA.** Olecranon Tip Autograft for Irreparable Coronoid Fractures. **AAOS Annual Meeting/ASES Specialty Day.** New Orleans, LA. March 15, 2014
5. **Ramirez MA.** Olecranon tip osteoarticular autograft transfer for irreparable coronoid process fractures. **Eastern Orthopaedic Association annual meeting.** Miami, FL. Nov 1-3 2013
6. **Ramirez MA, Ramirez JM, Parks BG, Tsai M, Murthi AM.** Olecranon tip osteoarticular autograft transfer for irreparable coronoid process fractures. **Maryland Orthopaedic Association Annual Meeting.** Baltimore MD. April 13, 2013
7. **Ramirez MA, Ramirez JM, Parks BG, Tsai M, Murthi AM.** Olecranon tip osteoarticular autograft transfer for irreparable coronoid process fractures. A biomechanical study. **International Congress of Shoulder and Elbow Surgery.** Nagoya, Japan. April 10-14 2012
8. **Ramirez MA, Parks BG, Osbahr D.** Does Kinesiotape affect patellofemoral contact pressures? Podium presentation. **AAOS Annual Meeting.** Chicago, IL. March 20-23 2013
9. **Ramirez MA.** Does Kinesiotape affect patellofemoral contact pressures? **AOSSM 2012 traveling Fellows Meeting.** University of Maryland. July 9, 2012. Baltimore, MD
10. **Zamora A, Day, CS, Yeh, A, Ramirez, M.** Mirza Single-Portal Endoscopic Carpal Tunnel Release. A Prospective, Randomized Study. The 2009 **Annual Meeting of OASYS.** Friday, January 9, 2009
11. **Ramirez MA.** Detection of Orthopedic Implants by High-Sensitivity walk-through metal detectors. **Doris Duke/Pasteur Program Research Presentations.** May 11, 2006. Boston, MA.
12. **Ramirez MA.** Airport Detectors Mostly Insensitive to Upper Extremity Orthopaedic Implants. **17th Annual Richard J Smith, M.D. Residents/Fellows Hand Conference.** May 11, 2006. Massachusetts General Hospital, Boston MA.
13. **Day CS, Paynter PM, Ramirez MA.** CMC Arthritis of the thumb: Interactive Case Session. **ASSH National Meeting.** Sept 23, 2005. San Antonio. TX

Poster Presentations

1. **Ramirez, MA, Parks BG, Murthi AM.** Olecranon tip Autograft for irreparable coronoid fractures. A biomechanical Study. **MedStar Research Symposium.** March 8, 2015. Columbia MD
2. **Ramirez MA. Neary, T. Ramirez JM, Murthi AM.** Local infiltration analgesia in total shoulder replacement: A randomized, prospective, double-blind, placebo-controlled study. **MedStar Research Symposium.** March 8, 2015. Columbia MD
3. **Ramirez, M. Neary, T, Ramirez J, Stein J, Murthi A.** Multimodal Local Infiltration Analgesia In Shoulder Replacement: A Randomized, Double Blinded, Placebo-Controlled Study. **Maryland Orthopaedic Association Annual Meeting.** Baltimore, MD. April 12, 2014.
4. **Ramirez, MA, Rodriguez, EK, Richardson LC, Chacko AT, Appleton PT, Ramappa AJ.** Does Late night surgery affect outcome? **Orthopaedic Trauma Association National Meeting.** October 13-16, 2010. Baltimore, MD
5. **Day, CS, Yeh A, Franko O, Ramirez MA, Krupat E.** Musculoskeletal Medicine: An Assessment of the Attitudes and Knowledge of Medical Students at Harvard Medical School. **American Academy of Orthopaedic Surgeons Annual Meeting.** March 2008, San Francisco, CA
6. **Sarah Stewart de Ramirez Freeman Changamire, Miguel Ramirez Gerson Nyadzi, Francis Magombo Sonia Ehrlich Sachs , Walter Willett.** The Epidemiologic and Nutrition Transition: Prevalence and Correlates of Hypertension in Rural East Africa
7. **Day CS, Yeh AC, Franko O, Ramirez M.** Preparedness of Medical Students in Basic Musculoskeletal Medicine of the Upper Extremity. **61st Annual Meeting of the American Society for Surgery of the Hand,** Seattle WA. September 27 – 29, 2007.
8. **Day CS, Yeh AC, Franko O, Ramirez M, Krupat E.** Results on the Effectiveness of the Musculoskeletal Curriculum at Harvard Medical School. **45th Annual AAMC Conference on Research in Medical Education,** Seattle, WA. October 27 – November 1, 2006
9. **Ramirez MA, Rodriguez EK, Zurakowski D. Richardson LC.** Detection of Orthopedic Implants by High-sensitivity walk-through metal detectors. **Orthopaedic Trauma Association 22nd Annual Meeting** Oct 5-7 2006 . Phoenix AZ.
10. **Ramirez MA, Rodriguez EK, Richardson LC.** Detection of Orthopedic Implants by High-sensitivity walk-through metal detectors. **Doris Duke Charitable Foundation National Meeting.** 5/22/06-5/24/06 Bridgewater, NJ.

Interests

- Shoulder and Elbow Arthroscopy, Reconstruction, total joint replacement
- Sports Medicine
- Biomechanical/clinical orthopaedic Research
- Surgical implant/orthopaedic device development

Languages:

- Fluent in written and spoken Spanish