

# Shane J. Nho, MD, MS

Midwest Orthopaedics at Rush  
Rush University Medical Center  
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## ACADEMIC APPOINTMENT

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*2009-Present*    **Assistant Professor**  
Division of Sports Medicine  
Department of Orthopedic Surgery  
Rush University Medical Center  
Rush Medical College of Rush University  
Chicago, Illinois

## EDUCATION

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*2009*    **Herodicus Traveling Hip Arthroscopy Fellowship**  
**Hospital for Special Surgery**, New York, New York 10021  
Fellow in Hip Arthroscopy, Bryan T. Kelly, MD  
**Nashville Sports Medicine and Orthopaedic Center**, Nashville, Tennessee 37203  
Fellow in Hip Arthroscopy, J. W. Thomas Byrd, MD  
**The Steadman-Hawkins Clinic**, Vail, Colorado 81657  
Fellow in Hip Arthroscopy, Marc J. Philippon, MD

*2008 – 2009*    **Rush University Medical Center**, Chicago, Illinois 60612  
Fellow in Sports Medicine

*2008*    **Schulthess Klinik**, Zurich, Switzerland  
Fellow in Hip Service, Michael Leunig, MD

*2004 – 2008*    **Hospital for Special Surgery**, New York, New York 10021  
Resident in Orthopaedic Surgery  
**New York-Presbyterian Hospital/New York Weill Cornell Center**  
Weill Medical College of Cornell University, New York, New York 10021  
Clinical Associate in Orthopaedic Surgery  
**Memorial Sloan-Kettering Cancer Center**, New York, New York 10021  
Clinical Associate in Orthopaedic Surgery

*2003 – 2004*    **New York-Presbyterian Hospital/New York Weill Cornell Center**  
Weill Medical College of Cornell University, New York, New York 10021  
Intern in General Surgery

*1998 – 2003*    **Rush Medical College of Rush University**, Chicago, Illinois 60612  
Doctor of Medicine

*2001 – 2003*    **The Graduate College of Rush University**, Chicago, Illinois 60612  
Masters of Science in Anatomy

*1994 – 1998*    **Northwestern University**, Evanston, Illinois 60208  
Bachelor of Arts  
Major: Biology (Physiology) with Honors  
Minor: Psychology

*1992 – 1994*    **The Hotchkiss School**, Lakeville, Connecticut 06039

## AWARDS AND HONORS

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- 2013 Top 10 Poster Finalists, "Equivalent Outcomes for T-Capsulotomy with Complete Closure Compared to Incomplete Closure for FAI: A Comparative Outcomes Analysis" & "MRA Evidence of Capsular Defect following Hip Arthroscopy," ISHA Annual Scientific Meeting 2013
- 2013 Best Hip Paper, "Anterior Acetabular Rim Morphology in An Asymptomatic Population," ORS 2013 Annual Meeting, Orthopaedic Research Society
- 2011 American Orthopaedic Association North American Traveling Fellow
- 2011 Aircast Award for Basic Science, "Effect of Acetabulum Rim Recession on Anterior Rim Angle: A Cadaveric Study," AOSSM 2011 Annual Meeting, American Orthopaedic Society for Sports Medicine
- 2011 Charles S. Neer, MD Award Finalist, "Prospective Evaluation of Arthroscopic Rotator Cuff Repair: Functional Outcomes and Ultrasound Healing Rates at 5 Years," American Shoulder and Elbow Surgeons
- 2009 3<sup>rd</sup> Prize Best Poster Award, AOSSM 2009 Annual Meeting, American Orthopaedic Society for Sports Medicine
- 2009 Jorge O. Galante, MD Excellence in Research Award, Senior Thesis Day, Department of Orthopedic Surgery, Rush University Medical Center
- 2009 Herodicus Society Travelling Fellowship
- 2008 Herodicus Award Finalist, "Treatment of Large and Massive Rotator Cuff Tears with Margin Convergence," American Orthopaedic Society for Sports Medicine
- 2008 Award of Excellence for Scientific Exhibit, "Arthroscopic Management of Labral Tears in the Hip," American Academy of Orthopaedic Surgeons
- 2008 Charles S. Neer, MD Award Finalist, "Prospective Analysis of Arthroscopic Rotator Cuff Repair: Prognostic Factors Affecting Clinical and Ultrasound Outcome," American Shoulder and Elbow Surgeons
- 2003 Sigma Xi Honor Society
- 2002 Arthur J. Schmidt, Ph.D. Prize in Anatomical Sciences, Rush University
- 2002 Honorable Mention-Clinical Research, "The Effect of radiofrequency energy on non-weight bearing areas of subchondral bone," NIH/AMSA/AAMC Biomedical Research Poster Competition, American Medical Student Association
- 2001 Alpha Omega Alpha Honor Medical Society
- 2001 Sigma Xi Award, "Thermal chondroplasty of chondromalacic human cartilage: An ex vivo comparison of bipolar and monopolar radiofrequency devices," Rush University Forum for Research and Clinical Investigation, Rush University
- 1998 Honors Thesis in Physiology, Northwestern University
- 1994 – 1997 Dean's List, Northwestern University

## RESEARCH EXPERIENCE

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- 2008 – 2009 **Rush University Medical Center**  
**Department of Orthopedic Surgery Section of Sports Medicine, Bernard R. Bach Jr., MD**
- 2003 – 2008 **The Hospital for Special Surgery**  
**Department of Orthopedic Surgery, Thomas P. Sculco, MD**  
Comparison of locking plate fixation and hemiarthroplasty for the treatment of proximal humerus fractures, Cartilage registry prospective outcome studies, Rotator cuff prospective outcome studies.
- 1998 – 2003 **Rush University Medical Center**  
**Department of Orthopedic Surgery Section of Sports Medicine, Brian J. Cole, MD**  
Radiofrequency energy; thermal chondroplasty; Arscan 200 to measure cartilage stiffness; Constant-Murley shoulder score; prospective studies in autologous chondrocyte implantation, allograft meniscus transplantation, osteochondral allograft, and arthroscopic rotator cuff repair.
- 2001 – 2003 **Rush University Medical Center**  
**Department of Orthopedic Surgery Section of Spine Surgery, Howard S. An, MD**  
Effects of smoking cessation and the complications of spinal surgery.

2001 – 2003 **The Graduate College of Rush University**  
**Department of Anatomy, James M. Williams, PhD**  
Comparison of braided suture to nylon in the repair of rabbit rotator cuff tear.

1996 – 1998 **Northwestern University**  
**Department of Neurobiology and Physiology, Neena B. Schwartz, PhD**  
Effects of estrogen on progesterone receptor messenger ribonucleic acid in the rat anterior pituitary.

## GRANTS

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2013 Effect of Capsulotomy, Capsulectomy, and Capsular Repair in Hip Arthroscopy, Arthroscopy Association of North America (\$20,000)

2013 Effect of Side-to-Side Capsular Repair Compared to Double Loaded Suture Anchor Repair on Hip Stability: A Biomechanical Investigation, Stryker, Mahwah, NJ (\$54,600)

2012 Three Dimensional Quantification of Acetabular Pincer Deformity, Orthopaedic Research and Education Foundation Resident Grant (\$5000)

2011 Role of Capsule for Hip Stability, Pivot Medical (\$59,280)

2011 Labral Reconstruction with Iliotibial Band Autograft, Labral Allograft, and Hamstring Allograft, Allosource, Denver, CO (\$68,679)

2011 Comparison of Straight and Curved Suture Anchor Insertion for the Acetabular Labral Refixation, Stryker, Mahwah, NJ (\$53,053)

2011 Three Dimensional Quantification of CAM Deformity, Orthopaedic Research and Education Foundation Resident Grant (\$5000)

2010 Biomechanical Analysis of Gluteus Medius Repairs, Smith & Nephew, Andover, MA (\$26,000)

2007 Thomas L. Wickiewicz, MD Resident Research Grant (\$15,000)

2002 Alpha Omega Alpha Research Fellowship (\$3000), "Comparison of braided suture to nylon in the repair of rabbit rotator cuff tear," AOA Honor Medical Society

2001 Alpha Omega Alpha Research Fellowship (\$3000), "Lavage solution temperature influences effects of monopolar radiofrequency energy used for thermal chondroplasty," AOA Honor Medical Society

## PUBLICATIONS: PEER REVIEWED

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1. Dwyer T, Ghodadra N, Van Thiel GS, Salata M, **Nho SJ**, Chahal J. Arthroscopic Anatomy of Subdeltoid Space. Accepted to Orthopedic Reviews 2013.
2. Gupta A, Frank R, Harris J, McCormick M, Hellman M, **Nho SJ**. Arthroscopic-Assisted Core Decompression for Osteonecrosis of the Femoral Head. Accepted and with Publisher, Arthroscopy 2013.
3. **Nho SJ**, Freedman R, Federer F, Mather RC, Espinoza Orias AA, Wang VM, Van Thiel GS. Computed Tomographic Analysis of Curved and Straight Guides for Placement of Suture Anchors for Acetabular Labral Refixation. Accepted to Arthroscopy 2013.
4. **Nho SJ**, Kymes SM, Callaghan JJ, Felson DT. The Burden of Hip Osteoarthritis in the United States: Epidemiologic and Economic Considerations. J Am Acad Orthop Surg July 2013; 21:S1-S6.
5. Hellman MD, Riff AJ, Haughom BD, Patel R, Stover MD, **Nho SJ**. Operative treatment of FAI: open hip preservation surgery. Curr Rev Musculoskelet Med. 2013;6(3):258–263.
6. Frank RM, **Nho SJ**, McGill KC, Grumet RC, Cole BJ, Verma NN, Romeo AA. Retrospective Analysis of Arthroscopic Superior Labrum Anterior to Posterior Repair: Prognostic Factors Associated with Failure. Advances in Orthopedics. 2013;2013.
7. Gross CE, Hellman M, Freedman R, Hart M, Reddy A, Salata M, Bush-Joseph C, **Nho SJ**. Effect of anterior acetabular rim recession on radiographic parameters: an in vivo study. Arthroscopy. 2013;29(8):1292–1296.
8. Gupta AK, Harris JD, McCormick F, Stanley R, **Nho SJ**, Bach BR Jr, Inoue N. Three-dimensional quantification of the pincer lesion - the role of the reference plane orientation. Am J Sports Medicine. Submitted 2013.

9. Philippon MJ, Peixoto LP, Goljan P, Harris JD, **Nho SJ**. Acetabular Labral Tears: Debridement, Repair, Reconstruction. *Operative Techniques in Sports Medicine*. Accepted 2013.
10. Harris JD, Bush-Joseph CA, Malloy P, McCormick FM, **Nho SJ**. Rehabilitation following Hip Arthroscopy – A Systematic Review. *Sports Health*. Accepted March 2013.
11. Frank RM, **Nho SJ**. To Repair or to Replace: That Is the Question. *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2013;3(7):e2–e2.
12. Gupta A, Abrams GD, **Nho SJ**. Current Concepts Review: what's new in femoroacetabular impingement surgery: Will we be better in 2022? Submitted to *Sports Health*. March 2013.
13. Gupta A, Harris J, McCormick M, Hellman M, **Nho SJ**. Arthroscopic-Assisted Core Decompression of the Femoral Head for Avascular Necrosis. Accepted to *Arthroscopy* 2013.
14. Yanke AB, Hart MA, McCormick F, **Nho SJ**. Endoscopic Repair of a Gluteus Medius Tear at the Musculotendinous Junction. *Arthroscopy Techniques*. 2013;2(2):e69–e72.
15. Le Beau RT, **Nho SJ**. Manual Therapy to Improve Outcomes for a Complicated Labral Repair. *Journal of Orthopaedic and Sports Physical Therapy*. Submitted July 2013.
16. Riedel MD, Frank JM, McCormick F, Harris J, Abrams G, Gupta A, **Nho SJ**. Isolated Vastus Lateralis Tendon Avulsion: A Case Report. *Orthopedics*. Submitted 2013.
17. Van Thiel GS, Harris JD, Kang RW, Chahal J, Della Valle CJ, Bush-Joseph CA, **Nho SJ**. Age-related differences in radiographic parameters for femoroacetabular impingement in hip arthroplasty patients. *Arthroscopy*. 2013;29(7):1182–1187.
18. Berman M, **Nho SJ**. The Value of Radiographic Data in Asymptomatic FAI Patients. *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2013;3(1):e7–e7.
19. Salata MJ, **Nho SJ**, Chahal J, Van Thiel GS, Ghodadra N, Dwyer T, Romeo AA. Arthroscopic anatomy of the subdeltoid space. *Ortho Rev (Pavia)*. In Press.
20. Frank J, Frank R, **Nho SJ**. FAI Lymphoma Case Report. *JBS Case Connector*. Accepted August 2013.
21. McCormick F, **Nho SJ**. Arthroscopic T-capsulotomy for excision of pigmented villonodular synovitis (PVNS) in the hip. Accepted to *Orthopedics* 2013.
22. McCormick F, **Nho SJ**. Retrospective on patients with persistent hip pain with post-op MRI vs their pre-op MRI. Accepted to *KSST*.
23. Freedman, Federer, Mather, **Nho**. Diagnosis and Surgical Treatment of Hip Disease: A Worldwide Perspective on Approaches and Outcomes. In progress.
24. Gross CE, Salata MJ, Manno K, **Nho SJ**. New radiographic parameters to describe anterior acetabular rim trimming during hip arthroscopy. *Arthroscopy*. 2012;28(10):1404–1409.
25. McCormick F, Slikker W, Harris JD, Gupta, AK, Abrams, GD, Frank, J, Bach, BR, and **Nho, SJ**. Evidence of capsular defect following hip arthroscopy. *Knee Surgery, Sports Traumatology, Arthroscopy*. July 2013.
26. Harris JD, Erickson BJ, Bush-Joseph CA, **Nho SJ**. Treatment of femoroacetabular impingement: a systematic review. *Curr Rev Musculoskelet Med*. 2013.
27. Harris JD, McCormick FM, Abrams GD, Gupta AK, Ellis TJ, Bach BR, Bush-Joseph CA, **Nho, SJ**. Complications and reoperations during and after hip arthroscopy: a systematic review of 92 studies and more than 6,000 patients. *Arthroscopy*. 2013;29(3):589–595.

28. Salata MJ, Seroyer ST, Barker JU, **Nho SJ**, Romeo AA. Arthroscopic Anatomy of the Subdeltoid Space. Accepted to Arthroscopy.
29. Jordan, McCormick, Salata, **Nho**. Normalize capsular volume in pre-op patients (Provencher shoulder instability studies). Submitted to Journal of Arthroscopy.
30. Harris JD, Slikker W, Gupta AK, McCormick FM, **Nho SJ**. Routine Complete Capsular Closure During Hip Arthroscopy. *Arthroscopy Techniques*. 2013;2(2):e89–e94.
31. Slikker W, Thiel V., Chahal G. S, J., and **Nho S. J.**, “Hip Instability and Arthroscopic Techniques for Complete Capsular Closure and Capsular Plication,” *Operative Techniques in Sports Medicine*, vol. 20, no. 4, pp. 301–309, Dec. 2012.
32. Mather, Federer, **Nho**. Adult Hip - Hip Arthroscopy Anatomy and Access Peritrochanteric Compartment. Accepted, under review by publisher 2012.
33. Frank RM, Slabaugh MA, Grumet RC, Bush-Joseph CA, Virkus WW, **Nho SJ**. Hip pain in active patients: what you may be missing. *J Fam Pract*. 2012;61(12):736–744.
34. Bayne, Freedman, **Nho**, Kelly. Adult Hip - Soft Tissues About the Hip. Accepted, under review by publisher 2012.
35. Mather, Walker, Poultsides, **Nho**. Sports Hip Injuries - Lateral Soft Tissue Injuries of the Hip: Abductors and Iliotibial Band Syndrome. Submitted 2012.
36. Malloy, Wahoff, Freedman, **Nho**. Sports Health - Manual Based PT Review Article. Submitted 2012.
37. Jordan MA, Van Thiel GS, Chahal J, **Nho SJ**. Operative treatment of chondral defects in the hip joint: a systematic review. *Curr Rev Musculoskelet Med*. 2012;5(3):244–253.
38. **Nho**, Slikker, Van Thiel, Chahal. Op Tech Sports Med-Hip Instability. Accepted in Arthroscopy.
39. **Nho**, Yanke, Hart. Arthroscopy-Traumatic Gluteus Medius Tears. Submitted 2012.
40. Van Thiel, **Nho**. Hip OA. Submitted 2012.
41. Cole, **Nho**. Operative Techniques in Sports Medicine. Submitted 2012.
42. Mather, Jas, CBJ, Kelly, Byrd, Philippon, **Nho**. Cost-Effective Analysis of Hip Arthroscopy early surgical treatment Vs. delayed surgical treatment. Submitted to *AJSM* 2012.
43. Mather, Freedman, Reddy, Federer, **Nho**. Analyses of Hip Labral Repairs – Stryker. Accepted to *ISHA* 2012.
44. Kang, Van Thiel, Della Valle, Virkus, **Nho**. Hip Radiographs Under 50 and Over 50. Submitted to *AJO* 2012.
45. Yanke, Kim, Stanley, Kang, Espinoza, Inoue, **Nho**, Mori. CT Scan FAI Study. Submitted *CORR* 2012.
46. **Nho SJ**, Grumet RC, Frank RM, Reiff SN, Verma NN, Romeo AA. Prognostic Factors of Failure After SLAP Repair. Accepted, *American Journal of Orthopaedics*.
47. Shindle MK, **Nho SJ**, MacGillivray JD, Adler RS, Warren RF, Altchek DW. Treatment of Large and Massive Rotator Cuff Tears with Margin Convergence. Accepted, *HSS Journal*.
48. Slabaugh MA, **Nho SJ**, Frank RF, Grumet R, Virkus W, Bush-Joseph CA. Anterior sided hip pain. *Rush Orthopaedic Journal*. 2011.
49. Friel N, **Nho SJ**, Cole BJ. Idiopathic Glenohumeral Chondrolysis: A Case Report. *Rush Orthopaedic Journal*. 2011.

50. Suslak AG, Mather RC 3rd, Kelly BT, **Nho SJ**. Improved arthroscopic visualization of peripheral compartment. *Arthrosc Tech*. 1(1):e57–62. 2012.
51. Van Thiel GS, Chahal J, Mall N, Heard W, Jordan MA, **Nho SJ**. Operative Techniques in Sports Medicine. 20(2):142–153. 2012.
52. Frank RM, Alland J, Grumet RC, Slabaugh MA, Williams JM, Wang VM, Espinoza Orias AA, Bach BR, Jr, **Nho SJ**. Hip osseous morphology using computer navigation and plain radiographs. *Am J Orthop*. 41(11):519–525. 2012.
53. Slikker W, Van Thiel GS, Chahal J, **Nho SJ**. The Use of Double-Loaded Suture Anchors for Labral Repair and Capsular Repair During Hip Arthroscopy. *Arthrosc Tech*. 1(2):e213–e217. 2012.
54. Kang RW, Yanke AB, Espinoza Orias AA, Orias AE, Inoue N, **Nho SJ**. Emerging ideas: Novel 3-D quantification and classification of cam lesions in patients with femoroacetabular impingement. *Clin Orthop Relat Res*. 471(2):358–362. 2013.
55. Gross CE, Salata MJ, Manno K, Yelavarthi V, Barker JU, Williams J, Virkus W, Bush-Joseph C, and **Nho SJ**. New radiographic parameters to describe anterior acetabular rim trimming during hip arthroscopy. *Arthroscopy*. 28(10):1404–1409. 2012.
56. Dishkin-Paset JG, Salata MJ, Gross CE, Manno K, Shewman EF, Wang VM, Bush-Joseph CA, and **Nho SJ**. A Biomechanical Comparison of Repair Techniques for Complete Gluteus Medius Tears. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 28(10):1410–1416. 2012.
57. Berman MD, **Nho SJ**. Symptoms of Athletic Pubalgia May Be Secondary to Abnormal Hip Motions Related to Femoroacetabular Impingement. *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2012;2(12):e3–e3.
58. **Nho SJ**, Freedman RL. How Does an in Vitro Simulated Cam Lesion Change Pubic Symphyseal Motion? *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2012;2(7):e6–e6.
59. **Nho SJ**, Freedman RL. Is Acetabular Labrum Refixation More Effective Than Arthroscopic Debridement for Tears Related to Femoroacetabular Impingement? *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2012;2(6):e7–e7.
60. **Nho SJ**, Freedman RL. Is There a Higher Prevalence of Radiographic Abnormalities of the Hip in Elite Soccer Players? *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2012;2(5):e4–e4.
61. **Nho SJ**, Freedman RL. What Is the Arthroscopic Appearance, Treatment, and Use of Radiographically Visible Impingement Cysts in the Treatment of Femoroacetabular Impingement? *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2012;2(3):e6–e6.
62. **Nho SJ**, Freedman RL. What Factors Can Be Used to Predict Success of Hip Arthroscopy for Femoroacetabular Impingement in Patients Fifty Years of Age or Older? *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2012;2(3):e7–e7.
63. **Nho SJ**, Freedman RL. What Can On-Field Signs or Symptoms of Concussion Tell Physicians about Recovery? *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2012;2(1):e5–e5.
64. **Nho SJ**, Freedman RL. Is Arthroscopic Remplissage with Bankart Repair Effective for Patients with Bankart Lesions and Large Hill-Sachs Defects? *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2011;1(6):e10–e10.
65. **Nho SJ**, Freedman RL. What Are the Results of Revision Intramedullary Screw Fixation with Two Different Types of Autograft for Refracture or Nonunion of Jones Fractures in Elite Athletes? *J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine*. 2011;1(6):e1–e1.

66. **Nho SJ**, Freedman RL. What Is Appropriate Treatment After Hip Dislocation? J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine. 2011;1(5):e5–e5.
67. **Nho SJ**, Freedman RL. How Does Femoral Osteochondroplasty Affect Range of Motion? J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine. 2011;1(5):e8–e8.
68. **Nho SJ**. What Happens to the Knee After ACL-Induced Trauma? The Journal of bone and joint surgery American volume. 2011;93(17):1–3.
69. **Nho SJ**. Single-stage procedure for cell-based cartilage repair shows promising short-term results. J Bone Joint Surg Am. 2011;93(16):1–3.
70. **Nho SJ**. Low Association Between SLAP and Biceps Pulley Lesions. J Bone Joint Surg Am Orthopaedic Highlights: Sports Medicine. 2011;1(1):e10–e10.
71. Salata M, Manno K, Yelavarthi V, Barker J, Gross C, Williams J, Virkus W, Bush-Joseph CA, **Nho SJ**. Effect of Acetabulum Rim Recession on Anterior Rim Angle: A Cadaveric Study. Submitted, Arthroscopy, 2011.
72. **Nho SJ**, Singh C, Magennis E, Kelly BT. Outcomes After the Arthroscopic Treatment of Femoro-Acetabular Impingement in a Mixed Group of High Level Athletes. American Journal of Sports Medicine 2011 Jul; 39 Suppl: 9S-14S.
73. Gulotta LV, **Nho SJ**, Dodson CC, Adler RS, Altchek DW, Macgillivray JD; HSS Arthroscopic Rotator Cuff Registry. Prospective evaluation of arthroscopic rotator cuff repairs at 5 years: part II-prognostic factors for clinical and radiographic outcomes. Journal of Shoulder and Elbow Surgery 2011 Sep; 20(6): 941-6.
74. Gulotta LV, **Nho SJ**, Dodson CC, Adler RS, Altchek DW, Macgillivray JD; HSS Arthroscopic Rotator Cuff Registry. Prospective evaluation of arthroscopic rotator cuff repairs at 5 years: part I - Functional outcomes and radiographic healing rates. Journal of Shoulder and Elbow Surgery 2011 Sep; 20(6): 934-40.
75. Gulotta LV, **Nho SJ**, Dodson CC, et al. Prospective evaluation of arthroscopic rotator cuff repairs at 5 years: part I-- functional outcomes and radiographic healing rates. J Shoulder Elbow Surg. 2011;20(6):934–940.
76. Shindle MK, **Nho SJ**, Nam D, et al. Technique for margin convergence in rotator cuff repair. HSS J. 2011;7(3):208–212.
77. **Nho SJ**, Magennis EM, Singh CK, Kelly BT. Outcomes after the arthroscopic treatment of femoroacetabular impingement in a mixed group of high-level athletes. Am J Sports Med. 2011;39 Suppl:14S–9S.
78. **Nho SJ**, Strauss EJ, Lenart BA, Provencher MT, Mazzocca AD, Verma NN, Romeo AA. Long head of the biceps tendinopathy: diagnosis and management.. Journal of the Academy of Orthopaedic Surgeons 2010 Nov; 18(11): 645-56.
79. Bhatia S, Piasecki DP, **Nho SJ**, et al. Early return to work in workers' compensation patients after arthroscopic full-thickness rotator cuff repair. Arthroscopy. 2010;26(8):1027–1034.
80. Nam D, Kepler CK, **Nho SJ**, Craig EV, Warren RF, Wright TM. Observations on retrieved humeral polyethylene components from reverse total shoulder arthroplasty. J Shoulder Elbow Surg. 2010;19(7):1003–1012.
81. Grumet RC, Frank RM, Slabaugh MA, Virkus WW, Bush-Joseph CA, **Nho SJ**. Lateral hip pain in an athletic population: differential diagnosis and treatment options. Sports Health. 2(3):191–196. 2010
82. **Nho SJ**, Frank RM, Van Thiel GS, et al. A biomechanical analysis of shoulder stabilization: posteroinferior glenohumeral capsular plication. Am J Sports Med. 2010;38(7):1413–1419.
83. **Nho SJ**, Frank RM, Reiff SN, Seroyer ST, Verma NN, Romeo AA. Arthroscopic Repair of Anterosuperior Rotator Cuff Tears Combined with Open Biceps Tenodesis. Arthroscopy 2010 Dec; 26(12): 1667-74.

84. Nam D, Kepler CK, **Nho SJ**, Craig EV, Warren RF, Wright TM. Observations of Retrieved Humeral Polyethylene Components from Reverse Total Shoulder Arthroplasty. *Journal of Shoulder and Elbow Surgery* 2010 Oct; 19(7): 1003-12.
85. Reiff SN, **Nho SJ**, Nicholson GP, Romeo AA. Proximal Humerus Fracture after Keyhole Biceps Tenodesis. Resubmitted, *American Journal of Orthopedics* 2010 Jul; 39(7): E61-3.
86. **Nho SJ**, Frank R, Verma NN, Romeo AA. Incidence of Early Development of Radiolucent Lines in Keeled Polyethylene Glenoid Components after Total Shoulder Arthroplasty. *American Journal of Orthopaedics* 2010 Jul; 39(7): 333-7.
87. Bhatia S, Piasecki DP, **Nho SJ**, Cole BJ, Nicholson GP, Boniquit N, Romeo AA, Verma NN. Early Return to Work in Worker's Compensation Patients Following Arthroscopic Full-Thickness Rotator Cuff Repair. *Arthroscopy* 2010 Aug; 26(8): 1027-34.
88. Pensak M, **Nho SJ**, Alland J, Bach BR. Management of Acute Anterior Shoulder Instability in Adolescents. *Orthopaedic Nursing Journal* 2010 Jul; 29(4): 237-43; quiz 244-5.
89. **Nho SJ**, Frank RM, Van Thiel GS, Wang VM, Wang FC, Provencher MT, Mazzocca AD, Romeo AA, Verma NN. A Biomechanical Analysis of Postero-Inferior Glenohumeral Capsular Plication. *American Journal of Sports Medicine* 2010 Jul; 38(7): 1413-9.
90. Strauss EJ, **Nho SJ**, Kelly BT. Greater Trochanteric Pain Syndrome. *Sports Medicine and Arthroscopy Review* 2010 Jun; 18(2): 113-9.
91. **Nho SJ**, Reiff SN, Verma NN, Slabaugh MA, Cole BJ, Nicholson GP, Mazzocca AD, Romeo AA. Complications Associated with Subpectoral Biceps Tenodesis: Low Rates of Incidence Following Surgery. *Journal of Shoulder and Elbow Surgery* 2010 Jul; 19(5): 764-8.
92. Grumet R, **Nho SJ**, Frank RF, Slabaugh MA, Virkus W, Bush-Joseph CA. Lateral sided hip pain. *Sports Health: A Multidisciplinary Approach* 2010 May; 2: 191-196.
93. Frank RF, **Nho SJ**, Grumet R, Slabaugh MA, Virkus W, Bush-Joseph CA. Posterior sided hip pain. *Sports Health: A Multidisciplinary Approach* 2010 May; 2: 237-246.
94. Seroyer ST, **Nho SJ**, Bach BR, Bush-Joseph CA, Nicholson GP, Romeo AA. The Role of the Kinetic Chain in Throwers: Performance Enhancement and Injury Prevention. *Sports Health: A Multidisciplinary Approach* May 2010; March 2010; 2: 135-146.
95. Frank RM, Slabaugh MA, Grumet RC, Virkus WW, Bush-Joseph CA, **Nho SJ**. Posterior hip pain in an athletic population: differential diagnosis and treatment options. *Sports Health*. 2010;2(3):237-246.
96. Van Thiel GS, **Nho SJ**, Wang VM, Romeo AA. Biomechanical Similarities Among Subscapularis Repairs After Shoulder Arthroplasty. *Journal of Shoulder and Elbow Surgery* 2010 Jul; 19(5): 657-63.
97. **Nho SJ**, Frank RM, Van Thiel GS, Wang VM, Wang FC, Provencher MT, Mazzocca AD, Romeo AA, Verma NN. A Biomechanical Analysis of Anterior Bankart Repair with Suture Anchors. *American Journal of Sports Medicine* 2010 Jul; 38(7): 1405-12.
98. DeFranco MJ, **Nho S**, Romeo AA. Scapulothoracic Fusion. *Journal of American Academy of Orthopaedic Surgeons* 2010 Apr; 18(4): 236-42.
99. **Nho SJ**, Pensak MJ, Seigerman DA, Cole BJ. Rehabilitation after Autologous Chondrocyte Implantation. *Clinics in Sports Medicine* 2010 Apr; 29 (2): 267-82.
100. Slabaugh MA, **Nho SJ**, Grumet RB, Wilson JB, Seroyer ST, Franks RM, Romeo AA, Provencher MT, Verma NN. Does the Literature Confirm Superior Clinical Results in Radiographically Healed Rotator Cuffs after Rotator Cuff Repair? *Arthroscopy* 2010 Mar; 26 (3): 393-403.



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37. **Nho SJ**, Philippon MJ, Dishkin-Paset J, Espinoza Orias AA, Wang VM, Turner AS. Phase 2: Analysis of Acetabular Labral Reconstruction with Autologous Iliotibial Band and Allograft in an Ovine Model. In Progress.
38. **Nho SJ**, Strauss EJ, Kang RW, Dishkin-Paset JD, Kelly BT. Anatomic Layers of the Hip Joint. In Progress.
39. **Nho SJ**, Strauss EJ, Dishkin-Paset JD, Kelly BT, Wang VM. Cadaveric Hip Model, In Progress.

## ABSTRACTS

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1. Frank R, Gupta A, Harris J, McCormick M, Mather RC, **Nho SJ**. Arthroscopic- Assisted Core Decompression for Osteonecrosis of the Femoral Head. Orthopaedic Video Theater Presentation. Submitted for AAOS Annual Meeting, New Orleans, LA, March 11-15, 2014.
2. Abrams GD, **Nho SJ**. Biomechanical Evaluation of Capsular Defects on Hip Stability. Oral Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
3. Frank R, **Nho SJ**. Equivalent Outcomes for T-Capsulotomy with Complete Closure Compared to Incomplete Closure for FAI: A Comparative Outcomes Analysis. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
4. **Nho SJ**. Is FAI-related hip morphology associated with gait kinematics and kinetics?. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
5. Hellman MD, **Nho SJ**. Pelvic Incidence and Femoroacetabular Impingement - A Novel Relationship. Oral Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
6. Hellman MD, **Nho SJ**. Identifying Cam Lesions on the False Profile View. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
7. Hellman MD, **Nho SJ**. Incidence of the Cam Lesion within Female Patients with Femoroacetabular Impingement. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
8. Yanke A, **Nho SJ**. Correlation of a Novel 3-D Quantification of Cam Lesions with the Alpha Angle. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
9. Yanke A. **Nho SJ**. Gender Differences in Patients with Femoroacetabular Impingement: 3-D Quantification. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.



10. McCormick F, **Nho SJ**. Labral reconstruction with ITB autograft normalizes hip contact pressure after antero-superior labral resection: an in-vitro biomechanical analysis. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
11. Gebhardt MC, **Nho SJ**. Correlation between sacropelvic parameters and femoroacetabular impingement in cadaveric specimens. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
12. Streit JJ, **Nho SJ**. Rotational alignment of the knee is different in osteological specimens with and without a cam deformity of the proximal femur. Oral Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
13. Streit JJ, **Nho SJ**. Femoral neck-shaft angle differs but femoral anteversion is constant in osteological specimens with and without a cam deformity of the proximal femur. Oral Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
14. Gupta AK, **Nho SJ**. Three-Dimensional Topographic Mapping of the Pincer Lesion: Importance of the Reference Plane. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
15. Harris, JD, **Nho SJ**. Treatment of femoroacetabular impingement - A systematic review. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
16. Harris, JD, **Nho SJ**. Rehabilitation following hip arthroscopy - A systematic review. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
17. Harris JD, McCormick FM, Abrams GD, Gupta AK, Ellis TJ, Bach Jr BR, Bush-Joseph CA, **Nho SJ**. Complications and reoperations during and after hip arthroscopy: a systematic review of 92 studies and more than 6,000 patients. Poster Presentation at the ISHA Annual Meeting, Munich, Germany, October 10-12, 2013.
18. Hellman MD, Fillingham YA, Gupta AK, Frank R, Houghom BD, **Nho SJ**. Identifying Cam Lesions on the False Profile View. Scientific Session Oral Presentation at the AOSSM Annual Meeting, Chicago, IL, July 11-14, 2013.
19. Hellman, MD, Harris JD, McCormick F, Inoue N, **Nho SJ**. Understanding the Pincer: The Importance of Reference Plane Orientation on Acetabular Rim Evaluation. Poster Presentation. AOSSM Annual Meeting, Chicago, IL, July 11-14, 2013.
20. McCormick F, Frank J, Jordan M, Harris J, Gupta A, **Nho SJ**. How Much Capsule Should We Plicate for Micro-Instability? An Anatomical Case-Control Comparison of Hip Capsule Volume using MR Arthrograms. E-Poster Presentation. ISAKOS Bi-annual Meeting. Toronto CA, 2013.
21. **Nho**, Gross, Manno, Freedman, Hart, Hellman. Normal Anterior Acetabulum Measurements (awa, ara, amr) in asymptomatic vs symptomatic patients. Abstract Submitted to ISHA 2012.
22. Mather RC, Chahal J, Byrd JWT, Kelly BT, Bush-Joseph CA, Philippon MJ, **Nho SJ**. Cost Effectiveness Analysis of Early Surgery versus Nonoperative Treatment with Optional Delayed Surgery for Femoroacetabular Impingement. Poster presentation at the AOSSM Annual Meeting, Baltimore, MD, July 12-15, 2012.
23. Bayne C, Stanley R, Espinoza A, Inoue N, **Nho SJ**. The Effect of Capsulotomy on Hip Stability. Podium presentation at the 2012 Annual Meeting of the American Academy of Orthopaedic Surgeon, San Francisco, CA, February 7-11, 2012.
24. Yanke A, Stanley R, Espinoza A, Inoue N, **Nho SJ**. Novel 3D Quantification and Classification of Cam Lesions in Patients with Femoroacetabular Impingement. Podium presentation at the 2012 Annual Meeting of the American Academy of Orthopaedic Surgeon, San Francisco, CA, February 7-11, 2012.
25. Bayne C, Stanley R, Espinoza A, Inoue N, **Nho SJ**. The Effect of Capsulotomy on Hip Stability. Podium presentation at the ISHA Annual Meeting, Paris, FRANCE, October 14-15, 2011.

26. Yanke A, Stanley R, Espinoza A, Inoue N, **Nho SJ**. Novel 3D Quantification and Classification of Cam Lesions in Patients with Femoroacetabular Impingement. Podium presentation at the ISHA Annual Meeting, Paris, FRANCE, October 14-15, 2011.
27. Salata M, Manno K, Yelavarthi V, Barker J, Gross C, Williams J, Virkus W, Bush-Joseph C, **Nho S**. Effect of Acetabulum Rim Recession on Anterior Rim Angle: A Cadaveric Study. Podium presentation at the AOSSM Annual Meeting, San Diego, CA, July 8, 2011.
28. **Nho SJ**, Salata MJ, McGill K, Romeo AA, Verma NN. Clinical Outcomes After Open Subpectoral Biceps Tenodesis in Patients Younger than 35 Years Old. Podium presentation at the AOSSM Annual Meeting, San Diego, CA, July 8, 2011.
29. **Nho SJ**, Salata MJ, McGill K, Romeo AA, Verma NN. Clinical Outcomes After Open Subpectoral Biceps Tenodesis in Patients Younger than 35 Years Old. E-Poster presentation at the 8<sup>th</sup> Biennial ISAKOS Congress, Rio de Janeiro, BRAZIL, May 15-19, 2011.
30. Verma NN, Frank R, **Nho SJ**, Romeo AA, Van Thiel GS, Wang FC, Wang V, Provencher MT, Mazzocca AD. A Biomechanical Analysis of Capsular Plication: Comparing Suture Configuration. E-Poster presentation at the 8<sup>th</sup> Biennial ISAKOS Congress, Rio de Janeiro, BRAZIL, May 15-19, 2011.
31. Verma NN, Frank R, **Nho SJ**, Romeo AA, Van Thiel GS, Wang FC, Wang V, Provencher MT, Mazzocca AD. A Biomechanical Analysis of Capsular Plication: Comparing Anchor Construct. E-Poster presentation at the 8<sup>th</sup> Biennial ISAKOS Congress, Rio de Janeiro, BRAZIL, May 15-19, 2011.
32. Gulotta L, **Nho S**, Dodson C, Adler R, Altchek DW, MacGillivray JD. Prospective Evaluation of Arthroscopic Rotator Cuff Repair: Functional Outcomes and Ultrasound Healing Rates at 5 Years. Podium presentation at the American Shoulder and Elbow Surgeons Specialty Day, San Diego, CA, February 19, 2011.
33. Dishkin-Paset J, Salata M, Manno K, Gross C, Shewman E, Wang V, Bush-Joseph C, **Nho S**. A Biomechanical Comparison of Repair Techniques for Complete Gluteus Medius Tears. Poster presentation at the 57<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, Long Beach, CA, January 13-16, 2011.
34. Salata M, Manno K, Yelavarthi V, Barker J, Gross C, Williams J, Virkus W, Bush-Joseph C, **Nho S**. Effect of Acetabulum Rim Recession on Anterior Rim Angle: A Cadaveric Study. Poster presentation at the 57<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, Long Beach, CA, January 13-16, 2011.
35. **Nho SJ**, Dodson CD, Altchek DW, MacGillivray JD, Gulotta LV. Arthroscopic Rotator Cuff Repairs: Functional and Radiographic Results at 5 Years. Poster presentation at the 2010 Annual Meeting of the American Academy of Orthopaedic Surgeon, San Diego, CA, February 15-19, 2011.
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37. **Nho SJ**, Singh C, Magennis E, Kelly BT. Outcomes After the Arthroscopic Treatment of Femoro-Acetabular Impingement in a Mixed Group of High Level Athletes. Podium presentation at the International Hip Arthroscopy Society Annual Meeting, Cancun, MEXICO, October 8-10, 2010.
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39. **Nho SJ**, Alland J, Grumet RC, Slabaugh MA, Frank RM, Williams JM, Wang VM, Espinoza Orias A A, Inoue N, Bach BR. Hip Osseous Morphologic Characteristics Using Computer Navigation and Plain Radiographs. Poster presentation at the International Hip Arthroscopy Society Annual Meeting, Cancun, MEXICO, October 8-10, 2010.

40. **Nho SJ**, Singh C, Magennis E, Kelly BT. Outcomes After the Arthroscopic Treatment of Femoro-Acetabular Impingement in a Mixed Group of High Level Athletes. Podium presentation at the AOSSM Annual Meeting, Providence, RI, July 15-18, 2010.
41. **Nho SJ**, Frank RM, Van Thiel GS, Wang VM, Wang FC, Provencher MT, Mazzocca AD, Romeo AA, Verma NN. A Biomechanical Analysis of Capsular Plication: Comparing Anchor Construct. Podium presentation at the Mid-American Orthopaedic Association 2010 Annual Meeting, Austin, TX, April 21-25, 2010.
42. **Nho SJ**, Frank RM, Van Thiel GS, Wang VM, Wang FC, Provencher MT, Mazzocca AD, Romeo AA, Verma NN. A Biomechanical Analysis of Anterior Bankart Repair with Capsular Plication Using Suture Anchors and A Biomechanical Analysis of Posterior-Inferior Glenohumeral Capsular Plication. Podium presentation at the 7<sup>th</sup> Biennial AAOS/ASES Shoulder & Elbow Course, Aventura, FL, April 15-18, 2010.
43. Piasecki DP, Verma NN, **Nho SJ**, Bhatia S, Boniquit N, Cole BJ, Nicolson GP, Romeo AA. Outcomes Following Arthroscopic Revision Rotator Cuff Repair. Podium presentation at the 7<sup>th</sup> Biennial AAOS/ASES Shoulder & Elbow Course, Aventura, FL, April 15-18, 2010.
44. **Nho SJ**, Grumet RB, Frank R, Reiff S, Verma NN, Romeo AA. Prognostic Factors of Failure After SLAP Repair. Podium presentation at the 7<sup>th</sup> Biennial AAOS/ASES Shoulder & Elbow Course, Aventura, FL, April 15-18, 2010.
45. **Nho SJ**, Alland J, Grumet RC, Slabaugh MA, Frank RM, Williams JM, Wang VM, Espinoza Orias A A, Inoue N, Bach BR. Hip Osseous Morphologic Characteristics Using Computer Navigation and Plain Radiographs. Poster presentation at the 56<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, New Orleans, LA, March 6-9, 2010.
46. **Nho SJ**, Van Thiel GS, Frank R, Provencher MT, Verma NN, Mazzocca AD, Romeo AA. A Biomechanical Analysis of Capsular Plication: Comparing Anchor Construct. Poster presentation at the 56<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, New Orleans, LA, March 6-9, 2010.
47. **Nho SJ**, Van Thiel GS, Frank R, Provencher MT, Verma NN, Mazzocca AD, Romeo AA. A Biomechanical Analysis of Capsular Plication: Comparing Suture Configuration. Poster presentation at the 56<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, New Orleans, LA, March 6-9, 2010.
48. **Nho SJ**, Alland J, Grumet RC, Slabaugh MA, Frank RM, Williams JM, Wang VM, Espinoza Orias A A, Inoue N, Bach BR. Three-Dimensional Morphology of the Hip. Scientific Exhibit SE45 at the 2010 Annual Meeting of the American Academy of Orthopaedic Surgeon, New Orleans, LA, March 9-13, 2010.
49. Van Thiel GS, **Nho SJ**, Romeo AA. Biomechanical Similarities Among Subscapularis Repairs Following Shoulder Arthroplasty. Podium presentation at the 2010 Annual Meeting of the American Academy of Orthopaedic Surgeon, New Orleans, LA, March 9-13, 2010.
50. **Nho SJ**, Reiff SN, Verma NN, Slabaugh MA, Cole BJ, Nicholson GP, Mazzocca AD, Romeo AA. Complications Associated with Subpectoral Biceps Tenodesis. Poster presentation at the 2010 Annual Meeting of the American Academy of Orthopaedic Surgeon, New Orleans, LA, March 9-13, 2010.
51. **Nho SJ**, Grumet RB, Frank R, Reiff S, Verma NN, Romeo AA. Prognostic Factors of Failure After SLAP Repair. Podium presentation at the American Orthopaedic Society for Sports Medicine Specialty Day, New Orleans, LA, March 13, 2010.
52. Nam D, Kepler CK, **Nho SJ**, Craig EV, Wright TM, Warren RF. Reverse Total Shoulder Arthroplasty Wear Analysis. Podium presentation at the Eastern Orthopaedic Association Annual Meeting, Paradise Island, Bahamas, June 17-20, 2009.
53. Sherman SL, **Nho SJ**, Delos D, Kepler CK, Pensak M, Adler RS, MacGillivray JD. Clinical and Ultrasound Results of the Massive Cuff Stitch for Arthroscopic Repair of Large and Massive Rotator Cuff Tears. Podium presentation at the Eastern Orthopaedic Association Annual Meeting, Paradise Island, Bahamas, June 17-20, 2009.
54. Zielsdorf SM, Friel NA, McNickle AG, **Nho SJ**, Cole BJ. Two-Year Post-Operative Outcomes of Arthroscopic Double-Row Rotator Cuff Repair. National Student Research Forum, Galveston, TX, April 23-25, 2009.

55. Zielsdorf SM, Friel NA, McNickle AG, **Nho SJ**, Cole BJ. Two-Year Post-Operative Outcomes of Arthroscopic Double-Row Rotator Cuff Repair. Poster presentation at the Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 15-16, 2009.
56. **Nho SJ**, Frank R, Verma NN, Romeo AA. Evaluation of Radiolucent Lines after Total Shoulder Arthroplasty with Modern Cement Techniques. Poster presentation at the Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 15-16, 2009.
57. **Nho SJ**, Van Thiel GS, Frank R, Provencher MT, Verma NN, Mazzocca AD, Romeo AA. A Biomechanical Analysis of Capsular Plication: Comparing Anchor Construct. Poster presentation at the Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 15-16, 2009.
58. **Nho SJ**, Van Thiel GS, Frank R, Provencher MT, Verma NN, Mazzocca AD, Romeo AA. A Biomechanical Analysis of Capsular Plication: Comparing Suture Configuration. Poster presentation at the Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 15-16, 2009.
59. Slabaugh M, Frank RM, Van Thiel GS, Sheehan S, **Nho SJ**, Romeo AA, Nicholson G, Cole BJ, Verma NN. Clinical Outcomes after Microfracture of the Glenohumeral Joint. Poster presentation at the Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 15-16, 2009.
60. **Nho SJ**, Frank RM, Reiff SN, Seroyer ST, Verma NN, Romeo AA. Arthroscopic Repair of Anterosuperior Rotator Cuff Tears Combined with Open Biceps Tenodesis. Poster presentation at the Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 15-16, 2009.
61. Slabaugh M, Frank RM, Van Thiel GS, **Nho SJ**, Romeo AA, Nicholson G, Cole BJ, Verma NN. Clinical Outcomes after Microfracture of the Glenohumeral Joint. Accepted, 8<sup>th</sup> World Congress of the International Cartilage Repair Society, Miami, FL, USA, May 23-26, 2009.
62. **Nho SJ**, Frank R, Van Thiel GS, Provencher MT, Verma NN, Mazzocca AD, Romeo AA. A Biomechanical Analysis of Capsular Plication: Comparing Anchor Construct. Podium presentation at the AOSSM Annual Meeting, Keystone, CO, July 9-12, 2009.
63. Piasecki DP, Verma NN, **Nho SJ**, Bhatia S, Boniquit N, Cole BJ, Nicolson GP, Romeo AA. Outcomes Following Arthroscopic Revision Rotator Cuff Repair. Podium presentation at the AOSSM Annual Meeting, Keystone, CO, July 9-12, 2009.
64. Frank RM, Van Thiel GS, **Nho SJ**, Provencher MT, Mazzocca AD, Romeo AA, Verma NN. A Biomechanical Analysis of Anterior Bankhart Repair with Capsular Plication using Suture Anchors. Podium presentation at the 9th Annual International Symposium on Ligaments and Tendons, Las Vegas, NV, February 21, 2009.
65. Van Thiel GS, **Nho SJ**, Romeo AA. Biomechanical Analysis of Four Different Methods of Subscapularis Repair. Poster presentation at the 9th Annual International Symposium on Ligaments and Tendons, Las Vegas, NV, February 21, 2009.
66. Piasecki DP, Verma NN, **Nho SJ**, Bhatia S, Boniquit N, Cole BJ, Nicolson GP, Romeo AA. Outcomes Following Arthroscopic Revision Rotator Cuff Repair. Podium presentation at the 2008 Biannual Shoulder and Elbow Society of Australia, Perth, AUSTRALIA, November 6-9, 2008.
67. Frank R, **Nho SJ**, Verma NN, Romeo AA. Evaluation of Radiolucent Lines after Total Shoulder Arthroplasty with Modern Cement Techniques. Poster presentation at the American Medical Association-Medical Student Section Research Poster Symposium, Orlando, Florida, November 6-8, 2008.
68. Kepler CK, **Nho SJ**, Nam D, Raphael B, Craig EV, Warren RF, Wright TM. Treatment for Failed Total Shoulder Arthroplasty (TSA) Based on Analysis of Retrieved Components. Scientific Exhibit 55 at the American Academy of Orthopaedic Surgeons, Las Vegas, NV, February 25-March 1, 2008.

69. Kepler CK, **Nho SJ**, Ala OL, Bansal M, Wright TM, Craig EV, Warren RF. Radiographic and Histopathological Analysis of Osteolysis After Total Shoulder Arthroplasty. Podium Presentation at the American Shoulder and Elbow Surgeons Specialty Day, Las Vegas, NV, February 28, 2009.
70. Shindle MK, **Nho SJ**, MacGillivray JD, Adler RS, Warren RF, Altchek DW. Treatment of Large and Massive Rotator Cuff Tears with Margin Convergence. Podium Presentation at the American Orthopaedic Society for Sports Medicine Annual Meeting, Orlando, FL, July 10-13, 2008.
71. **Nho SJ**, Adler RS, Altchek DW, Craig EV, Cordasco FA, Allen AA, Warren RF, MacGillivray JD. Prospective Analysis of Arthroscopic Rotator Cuff Repair: Prognostic Factors Affecting Clinical and Ultrasound Outcome. Podium Presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 9, 2008.
72. Kepler CK, **Nho SJ**, Ala OL, Bansal M, Wright TM, Craig EV, Warren RF. Radiographic and Histopathological Analysis of Osteolysis After Total Shoulder Arthroplasty. Poster Presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 9, 2008.
73. Brown B, **Nho SJ**, Adler RS, Altchek DW, Cordasco FA, Allen AA, Craig EV, Warren RF, MacGillivray JD. An Arthroscopic Rotator Cuff Registry Prognostic Study: Prospective Evaluation of Patient Factors on Clinical Outcome. Podium Presentation at the 6<sup>th</sup> Biennial AAOS/ASES Shoulder and Elbow Meeting, Orlando, FL, April 3-6, 2008.
74. **Nho SJ**, Ala OL, Dodson CC, Craig EV, Warren RF, Wright TM. Comparison of Early and Late Failed Total Shoulder Arthroplasty. Podium Presentation at the 6<sup>th</sup> Biennial AAOS/ASES Shoulder and Elbow Meeting, Orlando, FL, April 3-6, 2008.
75. Brown B, **Nho SJ**, Adler RS, Altchek DW, Cordasco FA, Allen AA, Craig EV, Warren RF, MacGillivray JD. An Arthroscopic Rotator Cuff Registry Prognostic Study: Prospective Evaluation of Patient Factors on Clinical Outcome. Podium Presentation at the American Academy of Orthopaedic Surgeons, San Francisco, CA, March, 5-9, 2008.
76. **Nho SJ**, Adler RS, Altchek DW, Cordasco FA, Allen AA, Craig EV, Warren RF, MacGillivray JD. The Effect of Rotator Cuff Tear Size, Row Configuration, and Associated Pathology on Ultrasound and Clinical Outcomes after Arthroscopic Rotator Cuff Repairs. Poster Presentation at the American Academy of Orthopaedic Surgeons, San Francisco, CA, March, 5-9, 2008.
77. Shindle MK, Voos J, **Nho S**, DeLaTorre K, Kelly BT. Arthroscopic Management of Labral Tears in the Hip. Scientific Exhibit 71 at the American Academy of Orthopaedic Surgeons, San Francisco, CA, March, 5-9, 2008.
78. MacGillivray JD, Adler RS, **Nho SJ**, Craig EV, Cordasco FA, Allen AA, Warren RF, Altchek DW. Prospective Analysis of Arthroscopic Rotator Cuff Repair: Prognostic Factors Affecting Clinical and Ultrasound Outcome. Podium Presentation at the American Shoulder and Elbow Surgeons Specialty Day, San Francisco, CA, March 8, 2008.
79. Tomlinson D, Adler RS, **Nho SJ**, Cordasco FA, Craig EV, Warren RF, MacGillivray JD, Altchek DW. Arthroscopic Rotator Cuff Repair: Prospective Evaluation with Sequential Ultrasonography. Podium Presentation at the American Shoulder and Elbow Surgeons Specialty Day, San Francisco, CA, March 8, 2008.
80. Kepler CK, **Nho SJ**, Ala OL, Dodson CC, Craig EV, Warren RF, Wright TM. Comparison of Early and Late Failed Total Shoulder Arthroplasty. Poster Presentation at the Orthopaedic Research Society, San Francisco, CA, March, 2-5, 2008.
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82. Cordasco FA, **Nho SJ**, Adler RS, Altchek DW, Allen AA, Craig EV, Warren RF, MacGillivray JD. The Effect of Rotator Cuff Tear Size, Row Configuration, and Associated Pathology on Ultrasound and Clinical Outcomes after Arthroscopic Rotator Cuff Repairs. Podium Presentation at the Closed Meeting of the American Shoulder and Elbow Surgeons, Dallas, TX, October 10-12, 2007.

83. Tomlinson D, Adler RS, **Nho SJ**, Cordasco FA, Craig EV, Allen AA, Warren RF, MacGillivray JD, Altchek DW. Post-Operative Healing After Arthroscopic Rotator Cuff Repair with Sequential Ultrasonography. 89<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 15-16, 2007.
84. **Nho SJ**, Shindle MK, Sherman SL, Lyman S, Freedman KB, MacGillivray JD. Systematic Review of Arthroscopic and Mini-Open Rotator Cuff Repair Studies. 89<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 15-16, 2007.
85. **Nho SJ**, Brophy RH, Barker JU, Cornell CN, MacGillivray JD. The Management of Proximal Humerus Fractures. 89<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 15-16, 2007.
86. **Nho SJ**, Green DM, Shindle MK, Maneyapanda M, Warren RF, Wickiewicz TL, Williams RJ. Patella Osteochondral Autologous Transplantation. Podium Presentation at the 7<sup>th</sup> World Congress on Cartilage Repair, International Cartilage Repair Society, Warsaw, POLAND, September 29-October 2, 2007.
87. Tomlinson D, Adler RS, **Nho SJ**, MacGillivray JD, Cordasco FA, Allen AA, Warren RF, Altchek DW. Post-Operative Healing After Arthroscopic Rotator Cuff Repair With Sequential Ultrasonography. Poster Presentation at the American Orthopaedic Society for Sports Medicine Annual Meeting, Calgary, Alberta, CANADA, July 12-25, 2007.
88. **Nho SJ**, Green DM, Shindle MK, Maneyapanda M, Warren RF, Wickiewicz TL, Williams RJ. Patella Osteochondral Autologous Transplantation. Podium Presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 25, 2007.
89. Tomlinson D, Adler RS, **Nho SJ**, MacGillivray JD, Cordasco FA, Allen AA, Warren RF, Altchek DW. Post-Operative Healing After Arthroscopic Rotator Cuff Repair With Sequential Ultrasonography. Poster Presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 25, 2007.
90. **Nho SJ**, Ala O, Dodson CC, Cottrell J, Wright T, Figgie MP, Craig EV, Warren RF. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. Poster presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 25, 2007.
91. **Nho SJ**, Ala O, Dodson CC, Cottrell J, Wright T, Figgie MP, Craig EV, Warren RF. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. Podium Presentation at the Orthopaedic Research Society, San Diego, CA, February 11-14, 2007.
92. **Nho SJ**, Ala O, Dodson CC, Cottrell J, Wright T, Figgie MP, Craig EV, Warren RF. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. Podium Presentation at the Orthopaedic Research Society, San Diego, CA, February 11-14, 2007.
93. Dodson CC, Thomas A, Dines JS, **Nho SJ**, Williams RJ, Altchek DW. Medial Collateral Ligament Reconstruction of the Elbow Using the Docking Technique. Podium Presentation at the American Shoulder and Elbow Surgeons Specialty Day, San Diego, CA, February 17, 2007.
94. **Nho SJ**, Green DM, Shindle MK, Maneyapanda M, Warren RF, Wickiewicz TL, Williams RJ. Patella Osteochondral Autologous Transplantation. Podium Presentation at the American Orthopaedic Society for Sports Medicine Specialty Day, San Diego, CA, February 17, 2007.
95. **Nho SJ**, Shindle MK, Green DM, Maneyapanda M, Williams RJ, Wickiewicz TL, Warren RF. Patella Osteochondral Autologous Transplantation. Poster Presentation at the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14-18, 2007.
96. **Nho SJ**, Adler RS, Altchek DW, Cordasco FA, Allen AA, Craig EV, Warren RF, MacGillivray JD. Prospective Evaluation of Arthroscopic Rotator Cuff Repair. Poster Presentation at the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14-18, 2007.
97. **Nho SJ**, Ala O, Dodson CC, Cottrell J, Wright T, Figgie MP, Craig EV, Warren RF. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. Podium Presentation at the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14-18, 2007.

98. **Nho SJ**, Shindle MK, Lyman S, Freedman KB, MacGillivray JD. Systematic Review of Arthroscopic, Mini-Open, and Open Rotator Cuff Repair. Scientific Exhibit at the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14-18, 2007.
99. **Nho SJ**, Brophy RH, Barker JU, Cornell CN, MacGillivray JD. The Management of Proximal Humerus Fractures Based on Current Literature. Scientific Exhibit at the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14-18, 2007.
100. **Nho SJ**, Adler RS, Altchek DW, Rodeo SA, Cordasco FA, Warren RF, MacGillivray JD. Prospective Evaluation of Arthroscopic Rotator Cuff Repair. 88<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 9-10, 2006.
101. **Nho SJ**, Ala O, Dodson CC, Cottrell J, Wright T, Figgie MP, Craig EV, Warren RF. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. 88<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 9-10, 2006.
102. Dodson CC, Thomas A, Dines JS, **Nho SJ**, Williams RJ, Altchek DW. Medial Collateral Ligament Reconstruction of the Elbow Using the Docking Technique. 88<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 9-10, 2006.
103. **Nho SJ**, Ala O, Dodson CC, Cottrell J, Wright T, Figgie MP, Craig EV, Warren RF. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. 37<sup>th</sup> Annual Meeting of the Eastern Orthopaedic Association, Boca Raton, FL, October 18-21, 2006.
104. Dodson CC, Thomas A, Dines JS, **Nho SJ**, Williams RJ, Altchek DW. Medial Collateral Ligament Reconstruction of the Elbow in Throwing Athletes Using the Docking Technique. 37<sup>th</sup> Annual Meeting of the Eastern Orthopaedic Association, Boca Raton, FL, October 18-21, 2006.
105. Craig EV, **Nho SJ**, Warren RF, Ala O, Figgie MP, Wright T, Dodson CC. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. 23<sup>rd</sup> Closed Meeting of the American Shoulder and Elbow Surgeons, Chicago, IL, September 13-15, 2006.
106. Altchek DW, Dodson CC, Thomas A, Dines JS, **Nho SJ**, Williams RJ. Medial Collateral Ligament Reconstruction of the Elbow in Throwing Athletes Using the Docking Technique. 23<sup>rd</sup> Closed Meeting of the American Shoulder and Elbow Surgeons, Chicago, IL, September 13-15, 2006.
107. **Nho SJ**, Adler RS, Altchek DW, Cordasco FA, Allen AA, Craig EV, Warren RF, MacGillivray JD. Prospective Evaluation of Arthroscopic Rotator Cuff Repair. Podium presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 22, 2006.
108. **Nho SJ**, Verma NN, Dodson C, Wickiewicz TL. Lateral patellectomy and anterior tibial tubercle elevation: Surgical technique and retrospective review. 87<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 10-11, 2005.
109. **Nho SJ**, Brophy RH, Ranawat AA, Barker JU, MacGillivray JD, Cornell CN. Locking Plate Fixation for Three and Four Part Proximal Humerus Fractures. 87<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 10-11, 2005.
110. **Nho SJ**, Ranawat AA, Helfet DL, Rozbruch SR. Temporary Intentional Leg Shortening and Deformation to Facilitate Wound Closure Using the Ilizarov Taylor Spatial Frame. 87<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 10-11, 2005.
111. **Nho SJ**, Cole BJ, Mazzocca AD, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR Jr, Hallab NJ. Ultrasonic suture welding versus traditional knot tying in a rabbit rotator cuff repair model. Podium presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 6, 2005.

112. **Nho SJ**, Cole BJ, Mazzocca AD, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR Jr, Hallab NJ. Ultrasonic suture welding versus traditional knot tying in a rabbit rotator cuff repair model. 51<sup>st</sup> Annual Meeting of the Orthopaedic Research Society, Washington, DC, February 20-23, 2005.
113. Cole BJ, Kang RW, Lee SJ, **Nho SJ**, Kalsi RS, Pylawka TK, and Hayden JK. The Effect of Monopolar Radiofrequency Energy on the Biomechanical Properties of Chondromalacic Human Cartilage. Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 2004.
114. Cole BJ, **Nho SJ**, Mazzocca AD, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR Jr, Hallab NJ. Ultrasonic suture welding versus traditional knot tying in a rabbit rotator cuff repair model. AAOS/ASES Shoulder and Elbow Meeting, "Current Techniques and Controversies," Monterey, CA, October 14-17, 2004.
115. Cole BJ, Lee SJ, **Nho SJ**. The Effect of monopolar radiofrequency energy on stiffness of chondromalacic human cartilage. 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 6-7, 2003.
116. Cole BJ, **Nho SJ**, Mazzocca AD, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR, Hallab NJ. Ultrasonic suture welding versus traditional knot tying in a rabbit rotator cuff repair model. 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 6-7, 2003.
117. Sasso LM, Cole BJ, **Nho SJ**, Beddow SA, DiMasi M, Hayden JK. Prospective evaluation of autologous chondrocyte implantation. Rush University Forum for Research and Clinical Investigation 2003, 2, Chicago, IL, April 2003.
118. Kalsi RS, Cole BJ, Beddow SA, DiMasi MD, Hayden JK, **Nho SJ**. Prospective evaluation of functional results of allograft meniscus transplantation. Rush University Forum for Research and Clinical Investigation 2003, 68, Chicago, IL, April 2003.
119. Balin JI, Beck PR, **Nho SJ**, Bush-Joseph CA, Bach BR. Analysis of post-operative pain after anterior cruciate ligament reconstruction. Rush University Forum for Research and Clinical Investigation 2003, 70, Chicago, IL, April 2003.
120. Lee SJ, **Nho SJ**, Kalsi RS, Sasso L, Cole BJ. The effect of monopolar radiofrequency energy on the biomechanical properties of chondromalacic human cartilage. Rush University Forum for Research and Clinical Investigation 2003, 71, Chicago, IL, April 2003.
121. **Nho SJ**, Mazzocca AD, Cole BJ, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR, Hallab NJ. Comparison of ultrasonic suture welding and traditional knot tying in a rabbit model: A biomechanical analysis. Rush University Forum for Research and Clinical Investigation 2003, 72, Chicago, IL, April 2003.
122. Romeo AA, Cole BJ, **Nho SJ**, Hayden JH, Katolik L, Bach BR. Normalization data for the Constant score. International Shoulder, Arthroscopy, and Knee Orthopaedic Society, Auckland, NEW ZEALAND, March 2003.
123. Cole BJ, **Nho SJ**, Beddow SA, Sasso LM, Kalsi RS, DiMasi MM, Hayden JK. Prospective evaluation of the functional results of allograft meniscus transplantation. Transactions of the 49<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, 1040, New Orleans, LA, February 2003.
124. Cole BJ, **Nho SJ**, Beddow SA, Sasso LM, Kalsi RS, DiMasi MM, Hayden JK. Prospective evaluation of the functional results of allograft meniscus transplantation. American Orthopaedic Society for Sports Medicine Specialty Day, New Orleans, LA, February 2003.
125. Fox JA, Cole BJ, **Nho SJ**, Beddow SA, Sasso LM, Kalsi RS, DiMasi MM, Hayden JK. Prospective evaluation of autologous chondrocyte implantation. American Orthopaedic Society for Sports Medicine Specialty Day, New Orleans, LA, February 2003.
126. Cole BJ, **Nho SJ**, Beddow SA, Sasso L, DiMasi MM, Hayden JK. Prospective evaluation of autologous chondrocyte implantation. 70<sup>th</sup> Annual Meeting Proceedings of the American Academy of Orthopaedic Surgeons, 55, New Orleans, LA, February 2003.



127. Ahn NU, Klug RS, **Nho S**, Ahn UM, Hiranyashiti N, Crane B, Buchowski JM, Andersson GB, An HS. Smoking, smoking cessation, and wound complications after lumbar spine surgery. 70<sup>th</sup> Annual Meeting Proceedings of the American Academy of Orthopaedic Surgeons, P300, New Orleans, LA, February 2003.
128. Cole BJ, Romeo AA, **Nho, SJ**, Katolik LI, Hayden JH, Bach BR. Normalization data for the Constant score. 70<sup>th</sup> Annual Meeting Proceedings of the American Academy of Orthopaedic Surgeons, 269, New Orleans, LA, February 2003.
129. Cole BJ, **Nho SJ**, Beddow SA, Sasso LM, DiMasi MM, Hayden JK. Prospective evaluation of autologous chondrocyte implantation. 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery 84:8, 2002.
130. Cole BJ, **Nho SJ**, Beddow SA, Kalsi RS, DiMasi MM, Hayden JK. Prospective evaluation of the functional results of allograft meniscus transplantation. 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery 84:12, 2002.
131. Cole BJ, **Nho, SJ**, Romeo AA, Katolik LI, Hayden JH, Bach BR. Normalization data for the Constant score. 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery 84:14, 2002.
132. Cole BJ, **Nho SJ**, Bansal SL, Freedman KB, Romeo AA, Bush-Joseph CA, Bach BR Jr, Turner DA. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery 84:12, 2002.
133. **Nho SJ**, Cole BJ, Kalsi R. The effect of monopolar radiofrequency energy on the biomechanical properties of chondromalacic human cartilage. 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery 84:16, 2002.
134. Ahn NU, Klug RS, **Nho S**, Ahn UM, Hiranyashiti N, Crane B, Buchowski JM, Andersson GB, An HS. Smoking, smoking cessation, and wound complications after lumbar spine surgery. North American Spine Society, Montreal, CANADA, October 2002.
135. Romeo AA, Cole BJ, **Nho, SJ**, Hayden JH, Katolik L, Bach BR. Normalization data for the Constant score. European Shoulder and Elbow Society, Budapest, HUNGARY, September 2002.
136. Ahn NU, Klug RS, **Nho S**, Ahn UM, Hiranyashiti N, Crane B, Buchowski JM, Andersson GB, An HS. Smoking, smoking cessation, and wound complications after lumbar spine surgery. Scoliosis Research Society, Seattle, WA, September 2002.
137. Cole BJ, **Nho SJ**, Bansal S, Freedman KB, Romeo AA, Bush-Joseph CA, Bach BR, Turner DA. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. 28<sup>th</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine 28:23, 2002.
138. Cole BJ, **Nho SJ**, Bansal S, Freedman KB, Romeo AA, Bush-Joseph CA, Bach BR, Turner DA. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. 4<sup>th</sup> ICRS Symposium Transactions of the International Cartilage Repair Society 155, 2002.
139. Ahn NU, Klug RS, **Nho S**, Crane B, Ahn UM, Hiranyashiti N, Buchowski JM, Lee G, Goldberg ES, Andersson GB, An HS. Smoking, smoking cessation, and wound complications after lumbar spine surgery. Annual Meeting 2002 of the International Society for the Study of the Lumbar Spine, Cleveland, OH, May 2002.
140. Bansal SL, Romeo AA, Bach BR, Cole BJ, Bush-Joseph CA, Turner DA, Freedman KB, **Nho SJ**. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. Rush University Forum for Research and Clinical Investigation 82, 2002.
141. **Nho SJ**, Cole BJ, Heiner JP, Markel MD, Edwards RB, Lu Y. Thermal chondroplasty with bipolar and monopolar radiofrequency energy: Effect of treatment time on chondrocyte death and surface contouring. Rush University Forum for Research and Clinical Investigation 88, 2002.

142. **Nho SJ**, Cole BJ, Heiner JP, Markel MD, Edwards RB, Lu Y. Lavage solution temperature influences effects of monopolar radiofrequency energy used for thermal chondroplasty. *Rush University Forum for Research and Clinical Investigation* 89, 2002.
143. **Nho SJ**, Cole BJ, Lu Y, Edwards RB, Markel MD. Lavage solution temperature influences effects of monopolar radiofrequency energy used for thermal chondroplasty. *Abstract Booklet of the American Medical Students Association Poster Session* 52:12, 2002.
144. **Nho SJ**, Cole BJ, Bansal S, Romeo AA, Bush-Joseph CA, Bach BR. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. *Abstract Booklet of the American Medical Students Association Poster Session* 52:28, 2002.
145. Lu Y, Edwards RB, **Nho S**, Heiner, JP, Cole BJ, Markel MD. Thermal chondroplasty with bipolar and monopolar radiofrequency energy: Effect of treatment time on chondrocyte death and surface contouring. *69<sup>th</sup> Annual Meeting Proceedings of the American Association of Orthopaedic Surgeons* 3:491, 2002.
146. Lu Y, Edwards RB, **Nho S**, Cole BJ, Markel MD. Lavage solution temperature influences effects of monopolar radiofrequency energy used for thermal chondroplasty. *Transactions of the 48<sup>th</sup> Annual Meeting of the Orthopaedic Research Society* 27:442, 2002.
147. Lu Y, Edwards RB, **Nho S**, Heiner J, Cole BJ, Markel MD. Thermal chondroplasty with bipolar and monopolar radiofrequency energy: Effect of treatment time on chondrocyte death and surface contouring. *Transactions of the 48<sup>th</sup> Annual Meeting of the Orthopaedic Research Society* 27:445, 2002.
148. Lu Y, Edwards III RB, Kalscheur V, **Nho S**, Cole BJ, Markel MD. Thermal chondroplasty on human cartilage with bipolar radiofrequency energy. *Arthroscopy* 17(5S), 2001.
149. **Nho SJ**, Cole BJ, Edwards RB, Lu Y, Kalscheur, VL, Markel MD. Thermal chondroplasty: An in vitro comparison of bipolar and monopolar radiofrequency energy treatment of chondromalacic human cartilage. *Rush University Forum for Research and Clinical Investigation* 127, 2001.
150. Edwards RB, Lu Y, **Nho S**, Kalscheur VL, Cole BJ, Markel, MD. Thermal chondroplasty: An in vitro comparison of bipolar and monopolar radiofrequency energy treatment of chondromalacic human cartilage. *Transactions of the 47<sup>th</sup> Annual Meeting of the Orthopaedic Research Society* 26:176, 2001.
151. Lu Y, Edwards RB, Kalscheur VL, **Nho S**, Cole BJ, Markel MD. Thermal chondroplasty of human chondromalacic cartilage performed with bipolar radiofrequency energy: A light and confocal laser microscopic analysis. *Transactions of the 47<sup>th</sup> Annual Meeting of the Orthopaedic Research Society* 26:449, 2001.

## PRESENTATIONS

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1. **Nho SJ**. ISHA All Suture Anchor Symposium, "Capsular Closure: When and How," Munich, Germany, Thursday October 10, 2013.
2. **Nho, SJ**. Rush University Medical Center Rheumatology Grand Rounds, "Femoroacetabular Impingement," Chicago, IL, August 22, 2013.
3. **Nho, SJ**. ESPN Sports Medicine Weekly, "Labral Tears," Chicago, IL, Wednesday, August 21, 2013.
4. **Nho, SJ**. ESPN Sports Medicine Weekly, "Hamstring Injuries in young athletes. Causes, prevention, and rehabilitation," Chicago, IL, Wednesday, August 21, 2013.
5. **Nho, SJ**. Accelerated Rehabilitation, "Athletic Hip Injuries," Chicago, IL, August 16, 2013.
6. **Nho, SJ**. "Youth Sports Injuries," Hinsdale Central High School, Hinsdale, IL, Tuesday, Oct 2, 2012.
7. **Nho, SJ**. "New Surgical Approaches in Hip Preservation," International Society for Hip Arthroscopy, Boston, MA, Saturday, Sept 29, 2012.

8. **Nho, SJ.** "Youth Sports Injuries," Naperville North High School, Naperville, IL, Wed, Sept 26, 2012.
9. **Nho, SJ.** "Extra-Articular Hip Injuries," St. Catherine's Hospital, Munster, IN, Sat, Sept 22, 2012.
10. **Nho, SJ.** "Long Head Biceps Injury," AAOS/AOSSM Resident Shoulder and Knee Arthroscopy Course, Rosemont, IL, Sat-Sun, Sept, 15-16, 2012
11. **Nho, SJ.** "Innovations in Hip Research," Smith & Nephew Fellows Course, Andover, MA, Tuesday, Sept 11, 2012.
12. **Nho, SJ.** Occupational Hip Injuries, Novacare Webinar, Chicago, IL, Thursday, August 16, 2012.
13. **Nho, SJ.** Lower extremity physical examination, Rush University Medical Center, Chicago, IL, Tuesday, July 31, 2012.
14. **Nho, SJ.** Instructor for Masters Hip Arthroscopy Course, Arthroscopy Association of North America, Chicago, IL, Friday, July 20-22, 2012.
15. **Nho, SJ.** Occupational Hip Injuries, Sedgwick / Accelerated Rehab, Chicago, IL, Thursday, July 19, 2012.
16. **Nho, SJ.** Hip Preservation Strategies, AOSSM Annual Meeting, Baltimore, MD, Friday, July 13, 2012.
17. **Nho, SJ.** Live Demonstration of FAI Surgery, Stryker, Mahwah, NJ, Friday, June 29, 2012.
18. **Nho, SJ.** Resident Orientation, RUSH University Medical Center, Chicago, IL, Monday, June 25, 2012.
19. **Nho, SJ.** MOR Hip Symposium Lecture on "Diagnosis and Treatment of Hip and Pelvic Pain," Rush University Medical Center, Chicago, IL, Friday, June 8, 2012.
20. **Nho, SJ.** Physical Therapy Lecture on "Approach to Patient with Hip and Pelvic Pain," Accelerated Rehabilitation, Chicago, IL, Friday, June 1, 2012.
21. **Nho, SJ.** Resident CORE Lecture on "Interpretation of Hip Radiographs," Rush University Medical Center, Chicago, IL, Monday, May 21, 2012.
22. **Nho, SJ.** Adult Reconstruction Lecture on "Approach to Femoroacetabular Impingement," Rush University Medical Center, Chicago, IL, Wed, May 9, 2012.
23. **Nho, SJ.** AAOS Femoroacetabular Impingement Research Symposium, Chicago, IL, May 9-11.
24. **Nho, SJ.** Sport Medicine Lecture on "Gluteus Medius Tears and Deep Gluteal Space Syndrome," Rush University Medical Center, Chicago, IL, Monday, May 7, 2012.
25. **Nho, SJ.** AAOS / AAHKS Multi-City Challenges and Controversies in Total Joint Arthroplasty, Chicago, IL, May 4-5.
26. **Nho, SJ.** Northeast Seminars, Seattle, WA, April 27-28.
27. **Nho SJ.** Anterior Cruciate Ligament Reconstruction: Anatomic Tunnel Position. Northeast Seminars, Rosemont, IL, September 19, 2010.
28. **Nho SJ.** Physical Examination of the Hip. Sports Medicine Conference, August 8, 2010.
29. **Nho SJ.** Occupational Hip Injuries. Diamond Mark Educational Meetings, Oak Brook, IL, June 23, 2010.
30. **Nho SJ.** Hip Arthroscopy in the Athlete. DePaul Sports Symposium, June 18, 2010.
31. **Nho SJ.** Diagnosis and Treatment of Hip Injuries. Accelerated Rehabilitation, June 17, 2010.

32. **Nho SJ.** Techniques in Hip Arthroscopy, Department of Orthopedic Surgery, Rush University Medical Center, Chicago, IL, May 23, 2010.
33. **Nho SJ.** Diagnosis and Treatment of Labral Tears and Femoro-Acetabular Impingement of the Hip. Adult Reconstruction Conference, Rush University Medical Center, Chicago, IL, May 19, 2010.
34. **Nho SJ.** Diagnosis and Treatment of Labral Tears and Femoro-Acetabular Impingement of the Hip. Sports Medicine Conference, Rush University Medical Center, Chicago, IL, May 10, 2010.
35. **Nho SJ.** Hip and Groin Pain in Women. Rush University Medical Center, Chicago, IL, May 8, 2010.
36. **Nho SJ.** Does Femoro-Acetabular Impingement Cause OA? Midwest Connective Tissue Workshop 2010, Rush University Medical Center, Chicago, IL, May 8, 2010.
37. **Nho SJ.** Occupational Hip Injuries. Diamond Mark Educational Meetings, Oak Brook, IL, November 4, 2009.
38. **Nho SJ.** Sports Medicine Interesting Cases, Rush Medical College of Rush University, Chicago, IL, April 6, 2009.
39. **Nho SJ.** Does the Literature Support Double Row Fixation for Arthroscopic Rotator Cuff Repair? Division of Sports Medicine Journal Club, Rush Medical College of Rush University, Chicago, IL, December 8, 2008.
40. **Nho SJ.** Distal Radius Fractures. Primary Care Sports Medicine Conference, Rush Medical College of Rush University, Chicago, IL, December 2, 2008.
41. **Nho SJ,** Adler RS, Altchek DW, Craig EV, Cordasco FA, Allen AA, Warren RF, MacGillivray JD. Prospective Analysis of Arthroscopic Rotator Cuff Repair: Prognostic Factors Affecting Clinical and Ultrasound Outcome. Podium Presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 9, 2008.
42. MacGillivray JD, Adler RS, **Nho SJ,** Craig EV, Cordasco FA, Allen AA, Warren RF, Altchek DW. Prospective Analysis of Arthroscopic Rotator Cuff Repair: Prognostic Factors Affecting Clinical and Ultrasound Outcome. Podium Presentation at the American Shoulder and Elbow Surgeons Specialty Day, San Francisco, CA, March 8, 2008.
43. **Nho SJ,** Green DM, Shindle MK, Maneyapanda M, Warren RF, Wickiewicz TL, Williams RJ. Patella Osteochondral Autologous Transplantation. Podium presentation at the International Cartilage Repair Society, Warsaw, POLAND, September 29-October 2, 2007.
44. **Nho SJ,** Green DM, Shindle MK, Maneyapanda M, Warren RF, Wickiewicz TL, Williams RJ. Patella Osteochondral Autologous Transplantation. Podium presentation at the Orthopaedic Research and Education Foundation Resident Research Competition, New York, NY, May 25, 2007.
45. **Nho SJ,** Green DM, Shindle MK, Maneyapanda M, Warren RF, Wickiewicz TL, Williams RJ. Patella Osteochondral Autologous Transplantation. Podium Presentation at the American Orthopaedic Society for Sports Medicine Specialty Day, San Diego, CA, February 17, 2007.
46. **Nho SJ,** Ala O, Dodson CC, Cottrell J, Wright T, Figgie MP, Craig EV, Warren RF. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. Podium Presentation at the American Academy of Orthopaedic Surgeons, San Diego, CA, February 14-18, 2007.
47. **Nho SJ,** Ala O, Dodson CC, Cottrell J, Wright T, Figgie MP, Craig EV, Warren RF. Comparison of Conforming and Non-Conforming Retrieved Glenoid Components. Podium Presentation at the Orthopaedic Research Society, San Diego, CA, February 11-14, 2007.
48. **Nho SJ.** Painful Hemiarthroplasty in An Ambassador. Resident Case Presentation at the 88<sup>th</sup> Annual Alumni Meeting, Hospital for Special Surgery, New York, NY, November 9-10, 2006.
49. **Nho SJ.** Popliteal Injury After Total Knee Arthroplasty. Morbidity & Mortality Case Presentation for Grand Rounds, Hospital for Special Surgery, October 13, 2006.

50. **Nho SJ**, Adler RS, Altchek DW, Cordasco FA, Allen AA, Craig EV, Warren RF, MacGillivray JD. Prospective Evaluation of Arthroscopic Rotator Cuff Repair. Presented at Sports Medicine and Shoulder Service Research Meeting, Hospital for Special Surgery, New York, NY, July 25, 2006.
51. **Nho SJ**, Adler RS, Altchek DW, Cordasco FA, Allen AA, Craig EV, Warren RF, MacGillivray JD. Prospective Evaluation of Arthroscopic Rotator Cuff Repair. Podium presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 22, 2006.
52. **Nho SJ**. Temporary Intentional Leg Shortening and Deformation to Facilitate Wound Closure Using the Ilizarov Taylor Spatial Frame. Interesting Case Presentation for Grand Rounds, Hospital for Special Surgery, New York, NY, December 2, 2005.
53. **Nho SJ**. Management of ipsilateral shoulder and elbow injury. Resident Case Presentation at the 87<sup>th</sup> Annual Alumni Meeting, Hospital for Special Surgery, New York, NY, November 10-11, 2005.
54. **Nho SJ**, Cole BJ, Mazzocca AD, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR Jr, Hallab NJ. Ultrasonic suture welding versus traditional knot tying in a rabbit rotator cuff repair model. Podium presentation at the OREF New York Metro Resident Research Competition, New York, NY, May 6, 2005.
55. **Nho SJ**, Cole BJ, Mazzocca AD, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR Jr, Hallab NJ. Ultrasonic suture welding versus traditional knot tying in a rabbit rotator cuff repair model. Poster presentation at the 51<sup>st</sup> Annual Meeting of the Orthopaedic Research Society, Washington, DC, February 20-23, 2005.
56. Cole BJ, **Nho SJ**, Mazzocca AD, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR Jr, Hallab NJ. Ultrasonic suture welding versus traditional knot tying in a rabbit rotator cuff repair model. Podium presentation at the AAOS/ASES Shoulder and Elbow Meeting, "Current Techniques and Controversies," Monterey, CA, October 14-17, 2004.
57. **Nho SJ**, Mazzocca AD, Cole BJ, Williams JM, Romeo AA, Bush-Joseph CA, Bach BR, Hallab NJ. Comparison of ultrasonic suture welding and traditional knot tying in a rabbit model: A biomechanical analysis. Podium presentation at the Rush University Forum for Research and Clinical Investigation 2003, Chicago, IL, April 2003.
58. Cole BJ, **Nho SJ**, Beddow SA, Sasso LM, Kalsi RS, DiMasi MM, Hayden JK. Prospective evaluation of the functional results of allograft meniscus transplantation. Presented at the 49<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, 1040, New Orleans, LA, February 2003.
59. Cole BJ, **Nho SJ**, Beddow SA, Sasso LM, DiMasi MM, Hayden JK. Prospective evaluation of autologous chondrocyte implantation. Podium presentation at the 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 2002.
60. Cole BJ, **Nho SJ**, Beddow SA, Kalsi RS, DiMasi MM, Hayden JK. Prospective evaluation of the functional results of allograft meniscus transplantation. Podium presentation at the 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 2002.
61. Cole BJ, **Nho SJ**, Romeo AA, Katolik LI, Hayden JH, Bach BR. Normalization data for the Constant score. Presented at the 84<sup>th</sup> Annual Alumni Meeting at the Hospital for Special Surgery, New York, NY, November 2002.
62. Cole BJ, **Nho SJ**, Bansal S, Freedman KB, Romeo AA, Bush-Joseph CA, Bach BR, Turner DA. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. Presented at the 28<sup>th</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine, Orlando, FL, July 2002.
63. Cole BJ, **Nho SJ**, Bansal S, Freedman KB, Romeo AA, Bush-Joseph CA, Bach BR, Turner DA. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. Presented at the 4<sup>th</sup> ICRS Symposium of the International Cartilage Repair Society, Toronto, CANADA, June 2002.
64. Ahn NU, Klug RS, **Nho S**, Crane B, Ahn UM, Hiranyashiti N, Buchowski JM, Lee G, Goldberg ES, Andersson GB, An HS. Smoking, smoking cessation, and wound complications after lumbar spine surgery. Podium presentation at the Annual Meeting 2002 of International Society for the Study of the Lumbar Spine, Cleveland, OH, May 2002.

65. Bansal S, Romeo AA, Bach BR, Cole BJ, Bush-Joseph CA, Turner DA, Freedman KB, **Nho SJ**. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. Presented at the Sigma Xi Poster Session, Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 2002.
66. **Nho SJ**, Cole BJ, Heiner JP, Markel MD, Edwards RB, Lu Y. Lavage solution temperature influences effects of monopolar radiofrequency energy used for thermal chondroplasty. Presented at the Sigma Xi Poster Session, Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 2002.
67. **Nho SJ**, Cole BJ, Heiner JP, Markel MD, Edwards RB, Lu Y. Thermal chondroplasty with bipolar and monopolar radiofrequency energy: Effect of treatment time on chondrocyte death and surface contouring. Presented at the Sigma Xi Poster Session, Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 2002.
68. **Nho SJ**, Lu Y, Edwards RB, Cole BJ, Markel MD. Lavage solution temperature influences effects of monopolar radiofrequency energy used for thermal chondroplasty. Presented at the 52<sup>nd</sup> Annual Meeting of the American Medical Students Association, Houston TX, March 2002.
69. **Nho SJ**, Cole BJ, Bansal S, Romeo AA, Bush-Joseph CA, Bach BR. The effect of radiofrequency energy on non-weight bearing areas of subchondral bone. Presented at the 52<sup>nd</sup> Annual Meeting of the American Medical Students Association, Houston, TX, March 2002.
70. Lu Y, Edwards RB, **Nho S**, Heiner, JP, Cole BJ, Markel MD. Thermal chondroplasty with bipolar and monopolar radiofrequency energy: Effect of treatment time on chondrocyte death and surface contouring. Presented at the 69<sup>th</sup> Annual Meeting of the American Association of Orthopaedic Surgeons, Dallas, TX, February 2002.
71. Lu Y, Edwards RB, **Nho S**, Cole BJ, Markel MD. Lavage solution temperature influences effects of monopolar radiofrequency energy used for thermal chondroplasty. Presented at the 48<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, Dallas, TX, February 2002.
72. Lu Y, Edwards RB, **Nho S**, Heiner J, Cole BJ, Markel MD. Thermal chondroplasty with bipolar and monopolar radiofrequency energy: Effect of treatment time on chondrocyte death and surface contouring. Presented at the 48<sup>th</sup> Annual Meeting of the Orthopaedic Research Society, Dallas, TX, February 2002.
73. **Nho SJ**, Cole BJ, Edwards III RB, Lu Y, Kalscheur VL, Markel MD. Thermal chondroplasty: An in vitro comparison of bipolar and monopolar radiofrequency energy treatment of chondromalacic human cartilage. Presented as the College Award Talk for the Rush Medical College, Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 2001.
74. **Nho SJ**, Cole BJ, Edwards III RB, Lu Y, Kalscheur VL, Markel MD. Thermal chondroplasty: An in vitro comparison of bipolar and monopolar radiofrequency energy treatment of chondromalacic human cartilage. Presented at the Sigma Xi Poster Session, Rush University Forum for Research and Clinical Investigation, Chicago, IL, April 2001.
75. Lu Y, Edwards III RB, Kalscheur V, **Nho S**, Cole BJ, Markel MD. Thermal chondroplasty on human cartilage with bipolar radiofrequency energy. Presented at the 20<sup>th</sup> Annual Meeting of the Arthroscopy Association of North America, Seattle, WA, April 2001.
76. Edwards III RB, Lu Y, **Nho S**, Kalscheur VL, Cole BJ, Markel MD. Thermal chondroplasty: An in vitro comparison of bipolar and monopolar radiofrequency energy treatment of chondromalacic human cartilage. Presented at the 47<sup>th</sup> Annual Meeting of the Orthopedic Research Society, San Francisco, CA, February 2001.
77. Lu Y, Edwards III RB, Kalscheur VL, **Nho S**, Cole BJ, Markel MD. Thermal chondroplasty of human chondromalacic cartilage performed with bipolar radiofrequency energy: A light and confocal laser microscopic analysis. Presented at the 47<sup>th</sup> Annual Meeting of the Orthopedic Research Society, San Francisco, CA, February 2001.
78. Szabo M, Kilen SK, **Nho SJ**, Schwartz NB. Progesterone receptor (pr) expression in rat anterior pituitary: Effects of ovariectomy (ovx), gonadal steroids and antiprogestins. Presented at the 80<sup>th</sup> Annual Meeting of the Endocrine Society, New Orleans, LA, June 1998.

79. **Nho SJ**, Szabo M, Kilen SK, Schwartz NB. Progesterone receptor (pr) expression in rat anterior pituitary: Effects of ovariectomy (ovx), gonadal steroids and antiprogestins. Presented at the Minisymposium of Reproductive Sciences, Evanston, IL, October 1997.
80. Szabo M, Kilen SK, **Nho SJ**, Schwartz NB. Progesterone receptor (pr) expression in rat anterior pituitary: Effects of ovariectomy (ovx), gonadal steroids and antiprogestins. Presented at the 30<sup>th</sup> Annual Meeting of the Society for the Study of Reproduction, Portland, OR, August 1997.

## **CONTINUING MEDICAL EDUCATION**

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1. Programming Faculty and Instructor, 8th Annual Musculoskeletal MRI 2013: Imaging in Sports Medicine, Las Vegas, NV, October 17 – 19, 2013.
2. Instructor, Hip Arthroscopy, Arthrex, Naples, FL, October 26, 2010.
3. Instructor, Hip Arthroscopy, Arthrex, Naples, FL, June 15, 2010.
4. Table Instructor, The Masters Experience in Hip Arthroscopy, Arthroscopy Association of North America, Orthopaedic Learning Center, Rosemont, IL, July 30-August 1, 2010 (16 Category I Credits).
5. Vail Hip Symposium, Smith&Nephew, Vail Cascade, Vail, CO, March 17-20, 2010.
6. American Academy of Orthopaedic Surgeons, New Orleans, LA, March 10-14, 2010.
7. Table Instructor, The Masters Experience in Hip Arthroscopy, Arthroscopy Association of North America, Orthopaedic Learning Center, Rosemont, IL, February 19-21, 2010 (16 Category I Credits).
8. The Wider Scope of Arthroscopy, 1<sup>st</sup> Annual Smith & Nephew Endoscopy and DJO Fellowship Program, Smith&Nephew, Andover, MA, September 13-15, 2009.
9. Hip Arthroscopy Course, Smith&Nephew, Steadman Hawkins Clinic, Vail, CO, August 7-8, 2009.
10. American Orthopaedic Society for Sports Medicine Annual Meeting, Keystone, CO, July 9-12, 2009.
11. Hip Arthroscopy Course, Smith&Nephew, TRIA Orthopaedic Center, Minneapolis, MN, June 12-13, 2009.
12. Arthroscopy Association of North America Annual Meeting, San Diego, CA, April 30-May 3, 2009.
13. Resident Knee Motor Skills Course, Rush University Medical Center, Chicago, IL, April 25, 2009.
14. Midwest Sports Medicine Fellows, Arthrex, Naples, FL, March 31, 2009.
15. American Academy of Orthopaedic Surgeons, Las Vegas, NV, February 25-March 1, 2009.
16. Hip Arthroscopy Course, Smith&Nephew, Rush University Medical Center, February 21, 2009.
17. Table Instructor, The Masters Experience in Hip Arthroscopy, Arthroscopy Association of North America, Orthopaedic Learning Center, Rosemont, IL, February 6-8, 2009 (16 Category I Credits).
18. Hip Arthroscopy Course, Arthrex, Kerlan-Jobe Orthopaedic Institute, Los Angeles, CA, January 31, 2009.
19. National Articular Cartilage Course for Sports Medicine Fellows, Carlsbad, CA, January 16-18, 2009.
20. Hip Arthroscopy Course, Smith&Nephew, Orthopaedic Learning Course, Rosemont, IL, December 9, 2008.
21. Resident Shoulder Arthroscopy Skills Lab, Midwest Associates, Hillside, IL, December 9, 2008.
22. Resident Shoulder Arthroscopy Skills Lab, Midwest Associates, Hillside, IL, November 13, 2008.

23. Table Instructor, Fundamentals in Arthroscopy: Resident Course, Arthroscopy Association of North America, Orthopaedic Learning Center, Rosemont, IL, October 16-19, 2008 (25.5 Category I Credits).
24. Table Instructor, The Masters Experience in Hip Arthroscopy, Arthroscopy Association of North America, Orthopaedic Learning Center, Rosemont, IL, September 26-28, 2008 (16 Category I Credits).
25. Chicago Total Shoulder Arthroplasty, Arthrex, Inc., Hilton Hotel, Chicago, IL, August 23, 2008.
26. Fellow Shoulder Arthroscopy Skills Lab, Midwest Associates, Hillside, IL, August 15, 2008.
27. Fifth Annual Orthopaedic Basic Science Review Course at The Hospital for Special Surgery, New York, NY, May 4-5, 2007 (11 Category 1 Credits).
28. Hospital for Special Surgery Alumni Association: 88<sup>th</sup> Annual Meeting at The Hospital for Special Surgery, New York, NY, November 9-10, 2006 (16 Category 1 Credits).
29. Visiting Professor Lecture Series at The Hospital for Special Surgery, New York, NY, July 1, 2005 - June 30, 2006 (1 Category 1 Credit).
30. AO ASIF Basic Principles and Techniques of Operative Fracture Management Course for Residents, Philadelphia, PA, January 26-29, 2006.
31. Hospital for Special Surgery Alumni Association: 87<sup>th</sup> Annual Meeting at The Hospital for Special Surgery, New York, NY, November 10-11, 2005 (16 Category 1 Credits).
32. Ninth Annual Mount Siani Musculoskeletal Pathology Course, New York, NY, October 28-30, 2005.
33. Spine Service Grand Rounds, Hospital for Special Surgery, New York, NY, July 1, 2004 – June 30, 2005 (14 Category 1 Credits).
34. Hospital for Special Surgery Alumni Association: 86<sup>th</sup> Annual Meeting at The Hospital for Special Surgery, New York, NY, November 10-11, 2004 (16 Category 1 Credits).
35. Articular Cartilage Repair Strategies: A Comprehensive Review, The Hospital for Special Surgery, New York, NY, December 4, 2004 (7.5 Category 1 Credits).

## **PROFESSIONAL SOCIETIES**

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2009	Arthroscopy Association of North America
2008	American Orthopaedic Society for Sports Medicine
2004	American Academy of Orthopaedic Surgeons
2004	Orthopaedic Research Society
2004	New York State Medical Society
2003	Sigma Xi, The Scientific Research Society
2002	American Medical Student Association
1998	American Medical Association
1998	Illinois State Medical Society
1998	Chicago Medical Society

## **CERTIFICATION**

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2008	Physician License, State of Illinois, Department of Financial and Professional Regulations
2008	ABOS Orthopaedic Surgery Boards, Part 1
2006	Physician License, New York State Education Department



2005 Advanced Cardiac Life Support, American Heart Association  
2004 Physician License, New York State Education Department  
2004 USMLE Step 3  
2003 Advanced Cardiac Life Support, American Heart Association  
2003 Basic Life Support, American Heart Association  
2001 USMLE Step 2  
2001 Associate Member, The USA Hockey Coaching Education Program, USA Hockey  
2000 USMLE Step 1

## **RELEVANT EXPERIENCE**

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2010-Present Team Physician, Morton High School, Berwyn, IL  
2009-Present Reviewer, Hospital for Special Surgery Journal, New York, NY  
2009-Present Reviewer, Journal of Shoulder and Elbow Surgery, Durham, NC  
2009 Chicago White Sox Spring Training, March 13-15, 2009, Glendale, AZ  
2009 IGI Chicago Style Gymnastics Meet, February 6-8, 2009, Chicago, IL  
2009 Pre-Season Physical Examination, Chicago Force, January 24, 2009, Chicago, IL  
2008-Present Head Team Physician, Chicago Steel, Tier 1 Junior A Hockey Team (USHL), Chicago, IL  
2008-Present Team Physician, Nazareth Academy Football Team (Class 5A), LaGrange Park, IL  
2008-2009 Pre-Season Physical Examinations, DePaul University, Chicago, IL  
2008-2009 Fellow Physician, Chicago Bulls, Chicago, IL  
2008-2009 Fellow Physician, Chicago White Sox, Chicago, IL  
2008-Present Reviewer, Arthroscopy Journal, Winston-Salem, NC  
2007-Present Reviewer, Clinical Orthopaedics & Related Research, Philadelphia, PA  
2007-2008 Pre-Season Physical Examinations, Iona College, New Rochelle, NY  
2006-2008 Alumni Affairs Committee, Hospital for Special Surgery, New York, NY  
2005-2008 Psychomotor Skills Education Laboratory Committee, Hospital for Special Surgery, New York, NY  
2001-2003 Contributor, Sports Medicine Reports, American Health Consultants, Atlanta, GA  
2000-2001 Trainer, Falcons Hockey PeeWee Travel Team, Deerfield, IL  
1999-2003 Steering Committee, Rush Orthopedic Interest Group, Chicago, IL  
1998-2003 Tour Guide, Office of Admissions, Rush Medical College, Chicago, IL  
1998-1999 Steering Committee, Rush New Clinic, Chicago, IL  
1998-2000 Volunteer, Community Health Clinic, Chicago, IL  
1997 Volunteer, United Nations Relief and Works Agency Hospital, Gaza, Israel

## **OUTSIDE INTERESTS**

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2007-2009 Player, Columbia Men's Ice Hockey, Chelsea Piers, New York, NY  
2000-2001 Coach, Falcons Hockey PeeWee Travel Team, Deerfield, IL  
1996-2003 Sunday School Teacher, Highland Presbyterian Church, Lincolnshire, IL  
1994-1997 Captain, Men's Ice Hockey, Northwestern University, Evanston, IL

## **SKILLS**

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Proficient in Microsoft applications (Word, Excel, PowerPoint), SPSS statistical software, Adobe Photoshop, Dazzle, and other common applications.