

5/2008

CURRICULUM VITAE:

KEVIN P. SPEER, M.D.

SOUTHEASTERN ORTHOPEDICS SPORTS MEDICINE & SHOULDER CENTER

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Website: www.seortho.net

Birthdate: June 8, 1959 - Evansville, IN

Marital Status: Widowed
Family - Two daughters: Kira and Casey Speer

**Orthopedic
Professional
Work**

Experience: Duke University Medical Center, Division of Orthopaedic Surgery, 1992-2000
Cary Orthopaedic Sports Medicine Specialists, 2000-2001
Southeastern Orthopedic Sports Medicine & Shoulder Center, 2001- current

**Current
Medical
Committee
Obligations:**

Medical Executive Committee, Duke Raleigh Hospital, 2006-2010
Vice-chairman Dept of Surgery, Duke Raleigh Hospital, 2006-2008
Medical Director for Orthopedic Service Line Committee at Duke Raleigh
Hospital
Chairman Dept of Surgery, Duke Raleigh Hospital, 2008-2010
Physician Champion for Duke Raleigh Hospital Nursing Magnet Program

**Prior
Professional
Academic and Medical
Center**

Experience: Director, Duke University Sports Medicine Center, 1995-2000
Director, Duke University Sports Medicine and Shoulder Fellowship Program,
1992-2000
Associate Medical Director, Duke Ambulatory Surgery Center, 1997-2000
Head Team Physician, Duke University Athletics, 1993-2000
Head Team Physician, North Carolina Central University Athletics,
1992-1999

Licensure: North Carolina: #38696 (issued 1/90)

Education:

1977-1981 Indiana University, Bloomington, IN
B.A. (Chemistry), Magna Cum Laude
1981-1985 Johns Hopkins University, Baltimore, MD
M.D. - School of Medicine
1985-1987 Duke University Medical Center, Durham, NC
General Surgery Residency
1987-1991 Duke University Medical Center, Durham, NC
Orthopaedic Residency, Chief Resident 7/90-7/91
1991-1992 The Hospital for Special Surgery, New York, NY
Sports Medicine and Shoulder Fellowship with Dr. Russell Warren
June 1993 Shoulder Fellowship with Dr. Christian Gerber, Fribourg, Switzerland

Certification: Board certified, 7/94
Board recertification 5/04
American Board of Orthopaedic Surgery

College Honors: Phi Beta Kappa
Elvis J. Starr Award for Academic Excellence
Kappa Kappa Kappa Award for Most Outstanding Student on
Campus, Indiana University, 1980
Academic All Big Ten - Football, 1979-1980
Academic All American - Football, First Team, 1979,1980
National Football Foundation/College Hall of Fame Top Eleven
Scholar Athlete - Football, 1980
NCAA Post-Graduate Scholarship Award Winner, 1980

Personal Sports Experience:

1977-1980 Varsity Football Team, Indiana University

1979-1980 Letterman, Varsity Football, Indiana University

Team Physician Experience:

1983 Staff Physician for World LaCrosse Games
1987-1988 Resident Team Physician, North Carolina Central University
Football
1988-1989 Resident Team Physician, North Carolina Central University
Basketball
1988-1989 Resident Team Physician, Duke University Football
1989-1990 Resident Team Physician, Duke University Basketball
1989-1990 Administrative Resident, All Duke University Sports Teams
1991 Medical Coverage, U.S. Open Tennis
1991 Assistant Team Physician, New York Giants Football Club
1991-1992 Assistant Team Physician, St. Johns University - All Athletic Teams
1992 Assistant Team Physician, New York Mets
1992-1999 Head Team Physician, North Carolina Central University (NCAA
Division II) - All Athletic Teams
1994-2000 Head Team Physician, Duke University - All Varsity Athletic Teams
1997-1999 Head Team Physician, Durham Club of Women's Professional Fastpitch
League

**Journal
Reviews:**

*Journal of the American Academy of Orthopaedic Surgeons: A
Comprehensive Review*

Journal of Athletic Training

Medicine Exercise Nutrition and Health

Medicine and Science in Sports and Exercise

Honors/Awards:

9/90 Outstanding Sports Medicine Paper, "MRI of Articular Cartilage Injury in the
Knee", Oscar Miller Day Symposium, Charlotte, NC
9/90 Outstanding Resident Paper, "Arthroscopic Subacromial Decompression for
Impingement Syndrome", North Carolina Orthopaedic Association
Annual Meeting, Asheville, NC
10/92 North American Travelling Fellow, American Orthopaedic Association
6/93 Zimmer Fellow Travel Award, American Orthopaedic Association
6/93 AO Fellowship with Dr. Christian Gerber, Fribourg, Switzerland
3/94 American Orthopaedic Society for Sports Medicine European
Traveling Fellowship
9/95 International Olympic Committee Chairman's Award, "Posterior Labral
Injuries in Contact Athletes", 3rd IOC World Congress on Sport
Sciences, Atlanta, GA
1/96 Order of Merit Award, Orthopaedic Research and Education Foundation
11/97 Kevin P. Speer, M.D. New Investigator Award, National Athletic Trainers'
Association (annual)

9/99 American Shoulder and Elbow Society Traveling Fellowship in Europe
11/07 National Top 100 Sports Medicine Educators. Kevin Speer, M.D. was named one of the 100 most influential sports educators in America. This honor is from the Institute for International Sport as a result of his long term commitment to using sports as a means to amplify positive values among athletes.

Honored Member:

Strathmore's Who's Who, 2000-2001 Edition thru current edition 2008

Listed:

America's Registry of Outstanding Professionals, 2000-2001 thru 2008

**Current
Society**

Memberships:

North Carolina Medical Society
North Carolina Orthopaedic Association
American Academy of Orthopaedic Surgeons (Fellow)
American College of Sports Medicine (Fellow)

Previous

Duke Academic

Committees:

Endosurgery Committee, Duke University Medical Center 1993-2000
Multidisciplinary Orthopaedic Team Committee, Duke University Medical Center 1994-1996
Ambulatory Surgery Center Executive Committee, Duke University Medical Center 1995-2000
National Athletic Trainers' Association Foundation Research Committee
American College of Sports Medicine Ad Hoc Committee on Clinical Sports Medicine Endowment (10/97)
American College of Sports Medicine Committee for Fellowship and Academic Fellow Exchange 2000
Special Olympics Healthy Athletes Initiative Program (1/99)
Editorial Board for "Duke Medical Update" quarterly journal 1996-2000

Meetings Organized:

1. 1995 Program Chairman: North Carolina Medical Society Annual Sports Medicine Symposium, Atlantic Beach, NC.
2. 1996 Program Chairman: North Carolina Medical Society Annual Sports Medicine Symposium, Atlantic Beach, NC.
3. 1996 Co-Chairman: Knee and Shoulder Surgery Symposium, Duke University Medical Center, Durham, NC.
4. 1997 Co-Chairman: Knee and Shoulder Surgery Symposium, Duke University Medical Center, Durham, NC.

5. 1997 Course Chairman: Arthroscopy Skills Course for Orthopaedic Residents, Duke University Medical Center, Durham, NC.
6. 1998, 2000 Course Chairman: Shoulder Arthroplasty Course, Duke University Medical Center, Durham, NC.
7. 1998 Course Chairman: Arthroscopy Skills Course for Orthopaedic Residents, Duke University Medical Center, Durham, NC.
8. 1999 Course Co-Chairman: Orthopaedic Learning Center, Course for Shoulder Arthroscopy, Chicago, IL.
9. 1998, 1999, 2000 Knee and Shoulder Arthroscopy Course at Duke Arthroscopy Learning Center, Duke University Medical, Durham, NC.
10. 2001 Course Chairman: Orthopaedic Learning Center, Course for Shoulder Arthroscopy, Chicago, IL.
11. 2002,2003,2004,2005,2006,2007,2008 Regional meeting for physical therapists on all topics of shoulder. The meetings have taken place twice yearly.

PUBLICATIONS

Journal Articles:

1. **Speer KP**, Fitch RD, "Neisseria Gonorrhoea Foot Abscess", *Clin Ortho Related Res*, 234: 209-10, 1988 Sep.
2. Vetter WL, Helfet DL, **Speer, KP**, Matthews LS, "Aerobic Dance Injuries", *Phys Sports Med*, 13: 114, 1985.
3. **Speer KP**, Spritzer CE, Harrelson JM, Nunley JA, "Magnetic Resonance Imaging of the Femoral Head After Acute Fracture of the Femoral Neck", *J Bone Joint Surg*, 72(1): 98-103, 1990 Jan.
4. **Speer KP**, Bassett FH 3d, "The Prolonged Burner Syndrome", *Am J Sports Med*, 18(6):591-594, 1990 Nov-Dec.
5. **Speer KP**, Callaghan JJ, Seaber AV, Tucker JA, "The Effects of Air Exposure on Articular Cartilage to Air: A Histochemical and Ultrastructural Evaluation", *J Bone Joint Surg*, American Volume 72(10):1442-50, 1990 Dec.
6. **Speer KP**, Spritzer CE, Goldner JL, Garrett WE Jr, "Magnetic Resonance Imaging of Traumatic Knee Articular Cartilage Injuries", [published erratum appears in *Am J Sports Med*, 19(5):507, 1991 Sep-Oct] and journal article in *Am J Sports Med*, 19(4):396-402, 1991 Jul-Aug.
7. **Speer KP**, Quarles LD, Harrelson JM, Nunley JA, "Tetracycline Labeling of the Femoral Head Following Acute Intracapsular Fracture of the Femoral Neck ", *Clin Orthop Related Res*, 267:224-7, 1991 Jun.
8. **Speer KP**, Lohnes J, Garrett WE, "Arthroscopic Subacromial Decompression: Results in Advanced Impingement Syndrome", *Arthroscopy* 7:291-6, 1991.
9. **Speer KP**, Warren RF, "Update on Football Injuries", *Mediguide to Orthop*, 11/91.
10. **Speer KP**, Spritzer CE, Bassett FH 3d, Feagin JA Jr, Garrett WE Jr, "Osseous Injury Associated with Acute Tears of the Anterior Cruciate Ligament", *Am J Sports Med*, 20(4):382-9, 1992 Jul-Aug.

11. Cooper DE, **Speer KP**, Wickiewicz TL, Warren RF, "Complete Knee Dislocation Without Posterior Cruciate Ligament Disruption". A Report of Four Cases and Review of the Literature, *Clin Orthop Related Res*, 284:228-33, 1992 Nov.
12. **Speer KP**, Lohnes J, Garrett WE, "Radiographic Imaging of Muscle Strain Injury", *Am J Sports Med*, 21(1):89-95, 1993 Jan-Feb.
13. Bassett FH 3d, **Speer KP**, "Longitudinal Rupture of Peroneal Tendon", *Am J Sports Med* 21(3):354-7, 1993 May-Jun.
14. **Speer KP**, Warren RF, "Arthroscopic Shoulder Stabilization: A Role for Biodegradable Materials", *Clin Orthop Related Res*, 291:67-74, 1993 Jun.
15. **Speer KP**, "Anatomy and Pathomechanics of Shoulder Instability", *Operative Tech Sports Med*, 1:252-5, 1993.
16. **Speer KP**, Cavanaugh J, Warren RF, Day L, Wickiwitz TL, "A Role for Hydrotherapy in Shoulder Rehabilitation", *Am J Sports Med*, 21(6):850-3, 1993 Nov-Dec.
17. **Speer KP**, Hannafin JA, Altchek DW, Warren RF, "An Evaluation of the Shoulder Relocation Test", *Am J Sports Med*, 22(2):177-183, 1994 Mar-Apr.
18. Wiener DN, **Speer KP**: "The Deltoid Sign", *Anesth Analg*, 79(1):192, 1994.
19. Zanott RM, Fand JE, Blasier RB, **Speer KP**, "A Surgical Technique for Complete Acromioclavicular Separation by Coracoacromial Ligament-Bone Block Transfer", *J Orthop Techniques*, 2 (3):131-6, 1994.
20. **Speer KP**, Deng X, Borrero S, Torzilli PA, Altchek DA, Warren RF,: "A Biomechanical Evaluation of a Simulated Bankart Lesion", *J Bone Joint Surg*, 76(12):1819-25, 1994 Dec.
21. Fox JA, **Speer KP**, Hall RL, "Longitudinal Rupture of the Peroneal Tendon in Therapy Resistant Ankle Sprains", *Complications in Orthopaedics*, 9(4):96-100, Winter 1994.
22. **Speer KP**, Warren RF, Wickiewicz TL, Horowitz L, Henderson L: "Observations on the Injury Mechanism for Anterior Cruciate Ligament Tears in Skiers", *Am J Sports Med*, 23(1):77-81, 1995 Jan-Feb.
23. Heaton MN, McQuay K, Neal TR, **Speer KP**: "ISMA Program Helps With Practice-Related Problems", *Indiana Medicine*, 88(1):14-6, 1995 Jan-Feb.
24. Mallon WJ, **Speer KP**: "Multi-Directional Instability: Current Concepts", *J Shoulder Elbow Surg*, 4(1.1):54-64, 1995 Jan-Feb.
25. Pagnani MJ, **Speer KP**, Altchek DW, Warren RF, Dines DM: "Arthroscopic Fixation of Superior Labral Lesions Using a Biodegradable Implant: A Preliminary Report", *Arthroscopy*, 11(2):194-198, 1995 Apr.
26. **Speer KP**, Deng X, Torzilli PA, Altchek DA, Warren RF: "Strategies for an Anterior Capsular Shift of the Shoulder: A Biomechanical Comparison", *Am J Sports Med*, 23(3):264-269, 1995 May-June.
27. **Speer KP**, Covington DB: "Patterns of Glenohumeral Motion Loss in Patients with Chronic Rotator Cuff Tendinopathy and Subacromial Impingement", *J South Orthop Assoc*, 4(3):200-205, Fall 1995.
28. Mair SD, Coogan AC, **Speer KP**, Hall RL, "Gout as a Source of Sesamoid Pain", *Foot and Ankle*, 16(10):613-6, 1995 Oct.
29. **Speer KP**: "Anatomy and Pathomechanics of Shoulder Instability", *Clinics in Sports Medicine*, 14(4):751-60, 1995 Oct.
30. Short JW, Pedowitz RA, Strong JA, **Speer KP**: "The Evaluation of Pelvic Injury in the Female Athlete", *Sports Med*, 20(6): 422-8, 1995 Dec.

31. Jacobson SR, **Speer KP**, Moor JT, Janda DH, Saddemi SR, MacDonald PB, Mallon WJ: "Reliability of Radiographic Assessment of Acromial Morphology", *J Shoulder Elbow Surg*, 4(6): 449-53, 1995 Nov-Dec.
32. **Speer KP**, Warren RF, Horowitz L: "The Efficacy of Cryotherapy in the Post-Operative Shoulder", *J Shoulder Elbow Surg*, 5(1): 62-8, 1996 Jan-Feb.
33. Sallay PI, Poggi J, **Speer KP**, Garrett WE: "Acute Dislocation of the Patella: A Correlative Pathoanatomic Study", *American Journal of Sports Medicine* 24(1):52-60, 1996 Jan-Feb.
34. Levy AS, Bassett FH, Lintner SA, **Speer KP**: "Pulmonary Barotrauma: Diagnosis in American Football Players", *Am J Sports Med*, 24(2): 227-229, 1996 Mar-Apr.
35. Kelly BT, Kadrmaz WR, Kirkendall DT, **Speer KP**: "Optimal Normalization Tests for Shoulder Muscle Activation: An Electromyographic Study", *J Orthop Res.*, 14 (4): 647-53, 1996 Jul.
36. Berend ME, Glisson RR, Seaber AV, **Speer KP**, et al. Soft tissue shortening with the Ho: YAG laser: Experimental model and structural effects. *Trans Orthopaedic Research Society*, 21(1):50, 1996.
37. Kelly BT, Kadrmaz WR, **Speer KP**: "The Manual Muscle Examination for Rotator Cuff Strength: An Electromyographic Investigation", *Am J Sports Med*, 24(5):581-8, 1996 Sep-Oct.
38. Lintner SA, Levy AS, Kenter K, **Speer KP**: "Glenohumeral Translation in the Asymptomatic Athlete's Shoulder and Its Relationship to Other Clinically Measurable Anthropometric Variables", *Amer J Sports Med*, 24(6):716-720, 1996 Nov-Dec.
39. **Speer KP**, Warren RF, Pagnani M, Warner JJ: "An Arthroscopic Technique for Anterior Stabilization of the Shoulder with a Bioabsorbable Tack", *J Bone Joint Surg.*, 78A (12): 1801-7, 1996 Dec.
40. Sallay PI, Pedowitz RA, Vandemark RM, Mallon WJ, Vandemark RM, Dalton JD, **Speer KP**: "Reliability and Reproducibility of Radiographic Interpretation of Proximal Humeral Fracture Pathoanatomy", *J Shoulder Elbow Surg*, 6(1): 60-69, 1997 Jan-Feb.
41. Kelly BT, Cooper LW, Kirkendall DT, **Speer KP**: "Technical Considerations for Electromyographic Research on the Shoulder", *Clin Orthop and Related Res.*, 335: 140-51, 1997 Feb.
42. Boden BP, **Speer KP**: "Femoral Stress Fractures", *Clin in Sports Med*, 16(2):307-17, 1997 Apr.
43. Levy AS, Kelly BT, Lintner SA, **Speer KP**: "Penetration of Cryotherapy in Treatment /after Shoulder Arthroscopy", *Arthroscopy*, 13(4), 461-4, 1997 Aug.
44. Lintner SA, **Speer KP**: "Traumatic Anterior Glenohumeral Instability: The Role of Arthroscopy", *J Amer Acad Orthop Surgeons*, 5(5): 233-239, Sep/Oct 1997.
45. Apple AS, Pedowitz RA, **Speer KP**: "The Weighted Abduction Grashey Shoulder Method", *Radiologic Tech*, 69(2): 151-6, 1997 Nov-Dec.
46. Helms CA, Martinez S, **Speer KP**: "Acute Brachial Neuritis (Parsonage-Turner Syndrome): MR Imaging Appearance - Report of Three Cases", *Radiology* 207(1): 255-9, 1998 Apr.
47. Cavallo RJ, **Speer KP**: "Shoulder Instability and Impingement in Throwing Athletes", *Med Science in Sports Exercise*, 30(4 Suppl):S18-25, 1998 Apr.
48. Pearsall AW, **Speer KP**: "Frozen Shoulder Syndrome: Diagnostic and Treatment Strategies in the Primary Care Setting", *Med Science in Sports Exercise*, 30(4 Suppl):S33-9, 1998 Apr.

49. Pearsall AW, Osbahr, DC, **Speer KP**: “An Arthroscopic Technique for Treating Patients with Frozen Shoulder”, *Arthroscopy: The Journal of Arthroscopic and Related Surgery*, Vol. 15, No. 1: 2-11, (January – February), 1999.
50. **Speer KP**, Roskin DS, Falcone S: “Saving Your Shoulders”, *Muscle & Fitness*, 226-230, Nov. 1998.
51. D’Ercole F, Hardman D, Benveniste H, **Speer KP**, Gleason D, Greengrass R, Steele S, Klein S: “High Performance Teams in the Operating Room: A Model for Orthopaedic Surgical Procedures with Regional Anesthesia” *Anesthesiology*, V89, No 3A, 9/98.
52. Spinner RJ, **Speer KP**, Mallon WJ: "Avulsion Injury to the Conjoined Tendons of the Latissimus Dorsi and Teres Major Muscles", *Amer J Sports Med*, 26(6):847-9, 1998 Nov-Dec.
53. Greengrass RA, **Speer KP**: "Perioperative Analgesia After Open Shoulder Surgical Problems", *Sports Med Arthr Rvw*, 1998 Mar.
54. Mair SD, Zazour RH, **Speer KP**: “Posterior Labral Injury in Contact Athletes”, *Amer J Sports Medicine*, 26(6),753-8, 1998 Nov-Dec.
55. Klein SM, Greengrass RA, Steele SM, D’Ercole FJ, **Speer KP**, Gleason DH, DeLong ER, Warner DS: “A Comparison of 0.5% Bupivacaine, 0.5% Ropivacaine, and 0.75% Ropivacaine for Interscalene Brachial Plexus Block”, *Anesth Analg*, 87:1316-9, 1998 Dec.
56. Roskin DS, **Speer KP**, Gallagher A, "Accelerated Post-Operative Management of Shoulder Injuries", *Athletic Therapy Today*, 4(4):27-31, 1999 Jul.
57. Levy AS, Lintner SA, Kenter K, **Speer KP**: "Intra- and Interobserver Reproducibility of the Shoulder Laxity Exam", *Amer J Sports Med*, 27(4):460-3, 1999 Jul-Aug.
58. Jordan LK 3rd, Helms CA, Cooperman AE, **Speer KP**: "Magnetic Resonance Imaging Findings in Anterolateral Impingement of the Ankle", *Skeletal Radiology*, 29(1):34-9, 2000 Jan.
59. Pearsall AW 4th, Holovacs TF, **Speer KP**: "The Low Anterior Five-O'clock Portal During Arthroscopic Shoulder Surgery Performed in the Beach-Chair Position", *Amer J Sports Med*, 27(5):571-4, 1999 Sep-Oct.
60. Bruzga B, **Speer KP**: "Challenges of Rehabilitation After Shoulder Surgery", *Clinics in Sports Med*, 18(4):769-93, vi, 1999 Oct.
61. Kelly BT, Roskin LA, Kirkendall DT, **Speer KP**: “Shoulder Muscle Activation During Aquatic and Dry Land Exercises in Nonimpaired Subjects”, *Journal of Orthopaedic & Sports Physical Therapy*, 30(4): 204-210, 2000 Apr.
62. Pearsall AW 4th, Holovacs TF, **Speer KP**: “The Intra-articular Component of the Subscapularis Tendon: Anatomic and Histological Correlation in Reference to Surgical Release in Patients with Frozen-Shoulder Syndrome”, *Arthroscopy* 16(3): 236-242, 2000 Apr.
63. Escamilla RF, **Speer KP**, Fleisig GS, Barrentine SW, Andrews JR: “Effects of Throwing Overweight and Underweight Baseballs on Throwing Velocity and Accuracy”, *Sports Medicine*, 29(4):259-72, 2000 Apr.
64. Major NM, Helms CA, Fritz RC, **Speer KP**: “The MR Imaging Appearance of Longitudinal Split Tears of the Peroneus Brevis Tendon”, *Foot & Ankle International*, 21(6):514-519, 2000 Jun.
65. Doukas WC, **Speer KP**: “Anatomy, Pathophysiology, and Biomechanics of Shoulder Instability”, *Operative Techniques in Sports Medicine*, 8(3), 179-187, 2000 Jul.

66. Escamilla RF, Francisco AC, Fleisig GS, Barrentine SW, Welch CM, Kayes AV, **Speer KP**, Andrews JR: A three-dimensional biomechanical analysis of sumo and conventional style deadlifts. *Medicine and Science in Sports and Exercise*, 32 (7): 1265-1275, 2000 Jul.
67. Estes GL, Zarour RH, **Speer KP**: "Posterior Labral Injuries in Contact Athletes", *Techniques in Shoulder and Elbow Surgery*, 1 (3): 169-176, 2000.
68. Bonsell S, Pearsall, IV AW, Heitman RJ, Helms CA, Major NM, **Speer KP**: "The relationship of age, gender, and degenerative changes observed on radiographs of the shoulder in asymptomatic individuals", *J Bone Joint Surg [Br]*, 82-B:1135-9, 2000 Nov.
69. Klein SM, **Speer KP**: "Interscalene Brachial plexus Block with Continuous Intraarticular Infusion of Ropivacaine", *Anesth Analg*, 2000;91:1473-1478.
70. **Speer KP**, Cawley P: "Continuous cryotherapy for the postoperative shoulder". *Biomechanics*, 2001.
71. Escamilla RF, Lowry TM, Osbahr DC, **Speer KP**. "Biomechanical analysis of the dead lift during the 1999 special Olympics world games", *Conference Proceedings for the XIX International Symposium on Biomechanics in Sports*, San Francisco, CA: 63-67, 2001.
72. Spritzer CE, Collins AJ, Cooperman A, **Speer KP**. "Assessment of instability of the long head of the biceps tendon by MRI", *Skeletal Radiol*, 30:199-207, 2001.
73. Levy AS, Kelly BT, Lintner SA, Osbahr DC, **Speer KP**: "Function of the long head o the biceps at the shoulder: electromyographic analysis", *J Shoulder Elbow Surg*, 10(3):50-5, 2001 May-Jun.
74. Escamilla RF, Lowry TM, Osbahr DC, **Speer KP**: A biomechanical analysis of the power lifting Deadlift during the 1999 special Olympics World games. *Medicine and Science in Sports and Exercise*, August 2001.
75. **Speer KP**, Osbahr DC, Montella BJ, Apple AS, Mair, SD: "Acromial morphotype in the young asymptomatic athletic shoulder", *Journal of Shoulder & Elbow Surgery*, 10 (5): 434-437 Sept/Oct. 2001.
76. Hardayal Singh, MD, Daryl C. Osbahr, M.Quinn Wickham, Donald T. Kirkendall, PhD, and **Kevin P. Speer, MD**, "Valgus Laxity of the Ulnar Collateral Ligament of the Elbow in Collegiate Athletes" *American Journal of Sports Med*, Vol. 29, No. 5, October 22, 2001, American Orthopedic Society for Sports Med.
77. Singh H, Osbahr DC, Holovacs TF, Cawley, PW, **Speer, KP**: "The efficacy of continuous Cryotherapy on the postoperative shoulder: A prospective, randomized investigation." *Journal of Shoulder and Elbow Surgery*, 10 (6) 522-525 Nov/Dec 2001.
78. Osbahr DC, Diamond AB, **Speer, KP**: "The Cosmetic Appearance of the Biceps Muscle After Long-Head Tenotomy Versus Tenodesis", *Arthroscopy, The Journal of Arthroscopic and Related Surgery*, Vol. 18, #5, 483-487.
79. Osbahr DC, Cannon, David L., **Speer, KP**, "Retroversion of the Humerus in the Throwing Shoulder of College Baseball Pitchers", *The American Journal of Sports Medicine*, Vol 30, #3, 2002.
80. Escamilla, R.F., Francisco, A.C., Kayes, A.V., Speer, K.P., & Moorman, C.T., III. "An electromyographic analysis of sumo and conventional style deadlifts. *Medicine and Science in Sports and Exercise*, 34 (4): 682-688. 2002
81. Osbahr DC, Cawley PW, **Speer, KP**: "The Effect of Continuous Cryotherapy on Glenohumeral Joint and Subacromial Space Temperatures in the Postoperative Shoulder", *Arthroscopy, The Journal of Arthroscopic And Related Surgery*, Vol 18, No. 7, 748-754 September 2002
82. Motley, Gregory S., Osbahr, Daryl C., Holovacs, Thomas F., **Speer, Kevin P.** "An

Arthroscopic Technique for Confirming Intra-articular Subluxation of the Long Head of the Biceps Tendon: The Ramp Test” *Arthroscopy, The Journal of Arthroscopic and Related Surgery*, Vol. 18, No. 9, E46 Available only online www.arthroscopyjournal.org . November/ December 2002

83. Pearsall, Albert W. MD, Bonell, Shawn MD, Heitman, R.J. PhD, Helms, Clyde A. MD, Osbahr, Daryl, BS and **Speer, Kevin P. MD**, Mobile, AL, Dallas TX, and Durham, NC. “Radiographic findings associated with symptomatic rotator cuff tears”, *Journal of Shoulder and Elbow Surgery*, Vol. 12, #2 March/April 2003 pgs 122-127
84. Aldridge III, Julian M., Perry John J., Osbahr, Daryl C., **Speer, Kevin P.**, “Thermal Capsulorrhaphy of Bilateral Glenohumeral Joints in a Pediatric Patient With Ehlers-Danlos Syndrome”, *Arthroscopy, The Journal of Arthroscopic and Related Surgery*, Vol 19, No 5. E41 Available only online www.arthroscopyjournal.org May/June 2003
85. Osbahr, Daryl C, **Speer, Kevin P. MD** “Patellar Tendinitis: Evaluation and Arthroscopic Management”, *Techniques in Knee Surgery*, Volume 2 (3), September 2003, pp 160-65.
86. Moorman III, Claude T. MD, Johnson, David C. MD, Pavlov, Helene MD, Barnes, Ronnie MS, ATC, Warren, Russell F. MD, **Speer, Kevin P. MD**, Guettler, Joseph H. MD, “Hyperconcavity of the Lumbar Vertebral Endplates in the Elite Football Lineman”, *The American Journal of Sports Medicine*, Volume 32 Number 6 September 2004, pgs 1434-1439

Editor for Orthopedic Textbooks

1. *Principals of Orthopedic Sports Medicine*. Williams & Wilkins. Philadelphia, Pennsylvania, 2000.
2. *Injury Prevention & Rehabilitation for Active Older Adults*. Human Kinetics Publishers, 2005

Book Chapters:

1. **Speer KP**, Nunley JA, "Osteonecrosis", *Operative Orthopaedics*, Chapman, M, ed. JB Lippincott & Co., 4: 3503-3512, 1993.
2. **Speer KP**, Garrett WE, "Muscle Control of Motion and Stability About the Pectoral Girdle", *The Shoulder: A Balance of Mobility and Stability*, AAOS book publication, pp. 159 - 172, 1993.
3. Callaghan JJ, Polly Jr., DW, **Speer KP**, Spritzer, CE, Feagin, JA, "Magnetic Resonance Imaging of the Cruciate Ligaments", *The Crucial Ligaments*, 1993.
4. **Speer KP**, Warren, RF, "Imaging of the Athletic Shoulder: CT Arthrography", *The Athletic Shoulder*, Wilk, K, ed., Churchill Livingstone, 2/94.
5. Pagnani MJ, Warren RF, **Speer KP**, "Glenohumeral Stabilization: Arthroscopic Suretac Technique", *Current Therapy in Sports Medicine*, 3rd ed., Torg and Shephard, Mosby-Year Book, Inc., pp. 228-233, 1995.
6. Fitch RD, **Speer KP**,: “Fracture and Dislocations of the Shoulder, Arm and Forearm”, *Textbook of Surgery*, 15th Edition, David C. Sabiston, ed., W.B. Saunders Co., 1996.
7. Moorman CT, **Speer KP**, Warren RF: "Arthroscopic Shoulder Stabilization Using the Bioabsorbable Tack", *Current Tech Arthroscopy*, 2nd Ed., J. Serge Parisien, ed., pp 125-132, 1996.
8. Kelly BT, Kirkendall DT, Levy AS, **Speer KP**, “Current Research on Muscle Activity About the Shoulder”, *Orthopaedic Instructional Course Lectures*, American Academy of Orthopaedic Surgeons, Dempsey S. Springfield, M.D., (ed), 46: 53-66, 1997.
9. Deibert MC, **Speer KP**: “Arthroscopic Suretac Repair”, *The Unstable Shoulder*, ed. Warren, Craig and Altchek.

10. Estes G, **Speer KP**: “Labral Injuries in Contact Athletes”, *Principals of Musculoskeletal Sports Medicine*, ed. Speer and Garrett

DVD video

1. **Speer KP**, Zuckerman JD, Johnson DB. “Achieving Maximum Exposure in Total Shoulder Arthroplasty: How patient positioning and reproducible releases facilitate total shoulder arthroplasty”, Accepted for presentation and release at AAOS annual meeting February 2007. Awarded top video at annual meeting

INVITED LECTURES

Local/Regional:

1. 1st Annual Course on Knee Ligament and Meniscal Reconstruction - Indications and Techniques, "The MRI as an Indicator of the Pathomechanics and Pathophysiology of the Knee", Washington Duke Inn, Durham, NC, 3/95.
2. Duke University Medical Center's Health Night Out Lecture Series, "Sports Medicine and Your Child: How to Keep Injuries from Happening", Durham, NC, 3/95.
3. Atlantic Coast Conference Sports Medicine Association Annual Clinical Symposium, “Shoulder Labral Injuries in Contact Sport Athletes”, Winston-Salem, NC, 5/95.
4. North Carolina Physical Therapy Association, “Rotator Cuff Tears, Repairs, and Rehabilitation”, Raleigh, NC, 8/95.
5. Mid -Atlantic Athletic Trainers Association Annual Meeting, “Accelerated Rehabilitation of the Shoulder Following Injury and Surgery”, Charlotte, NC, 5/96.
6. Cape Fear Valley Medical Center, “Management of Rotator Cuff Deficient Shoulder: Surgical and Non-Surgical”, Fayetteville, NC, 8/96.
7. 3rd Annual Update on Knee and Shoulder Surgery Symposium, “The Shoulder 1997”, Durham, NC, 2/97.
8. North Carolina Physical Therapy Association: “Current Perspectives in the Treatment of Shoulder Dysfunction”, Winston-Salem, NC, 5/97.
9. Duke University Medical Center Endoscopy Workshop: “Rotator Cuff Repair”, Durham, NC, 8/97.
10. Duke Women’s Services Teer House Lecture Series: “Sports Medicine and your Child - How to Keep Injuries from Happening”, Durham, NC, 9/97.
11. Pro Active Therapy, Inc.: “Accelerated Rehabilitation of the Shoulder”, Durham, NC, 9/97.
12. Duke University Medical Center Occupational Employee Medicine Seminar: “Management of Work-Related Shoulder Problems”, Durham, NC, 10/97.
13. North Carolina Science Teachers Conference: “Sports Medicine Using Science and Technology to Treat Athletes”, Greensboro, NC, 11/97.
14. Southern Medical Association’s Orthopaedic In-Training Exam Review Course: “Shoulder Review: Orthopaedic In-Training Exam”, Charlotte, NC, 11/97.
15. Duke Hospital Education and Department of Perioperative Nursing Conference: “Arthroscopic Shoulder Surgery”, Durham, NC, 4/98.
16. 24th Annual Greenville Orthopaedic Day - Sports Medicine and Shoulder Problems: “Total Shoulder Arthroplasty”, “Rehabilitation of the Shoulder”, Greenville, SC, 5/98.

17. Southeastern American College of Sports Medicine "Labral Tears in Contact Athletes", 1/00.
18. Cape Fear Valley Medical Center: "The Importance of Physical Therapy/Occupational Therapy in the Outcome of Shoulder Surgery", Fayetteville, NC 4/03.
19. Pinehurst physical therapy shoulder symposium February 2007

National:

1. Meadowlands Sports Medicine Symposium, "Muscle Injury In Athletics", 11/91.
2. National Hockey League Physicians' Meeting, "Muscle Strain Injury", 1/92.
3. American Academy of Sports Medicine Specialty Day Current Concept Lecturer, "MRI of The Knee", AAOS Meeting, 2/92.
4. Manhasset Sports Medicine Symposium, "Examination of the Knee", 3/92.
5. Arthroscopy Association of North America Annual Meeting, "Shoulder Instability – Biodegradable Tac Fixation", 11/92.
6. Winnipeg Symposium on Sports Medicine, "Shoulder Instability - Physical Exam", "MRI of the Shoulder", "Arthroscopic Stabilization", 5/93.
7. American Academy of Sports Medicine Instructional Course, "Athletes' Shoulder Injuries", 12/94.
8. American Academy of Orthopaedic Surgeons Review Course, "Shoulder Instability and Reconstruction", 12/94.
9. Covenant Medical Center Shoulder Injuries Program, "Throwing Injuries to the Shoulder", Champaign, IN, 5/95.
10. Annual Symposium of the National Athletic Trainers' Association, "Shoulder Labral Injuries in Contact Sport Athletes", Indianapolis, IN, 6/95.
11. American Academy of Sports Medicine Annual Meeting, Instructional Course on "Disorders of the Acromioclavicular Joint in the Athlete: Open and Arthroscopic Management", Toronto, Canada, 7/95.
12. West Point Army Hospital, "The Pathoanatomy of Anterior Shoulder Instability" and "The Occupational Hazard of Participating in American Football: The Lumbar and Cervical Spine", West Point, NY, 9/95.
13. American Academy of Orthopaedic Surgeons Annual Meeting, "Current Research on Muscle Activity Around the Shoulder Joint", Atlanta, GA, 2/96.
14. Bollettieri Tennis and Sports Academy, "Neurological Rehab & Prehab", Bradenton, FL, 2/96.
15. South Carolina Athletic Trainers Association Annual Meeting, "Labral Tears in Contact Athletes", Columbia, SC, 7/96.
16. AAOS Course on Shoulder and Knee: The Athletic Perspective on Treatment, Controversies and Problem Solving, "MRI Imaging of the Rotator Cuff", "Revision/Infection" and "MRI Imaging of Shoulder Instability", Steamboat Springs, CO, 3/97.
17. Aequalis Shoulder Arthroplasty Instructional Course: "Glenohumeral Osteoarthritis", Ft. Lauderdale, FL, 5/97.
18. University of Maryland Sports Medicine Symposium: "Accelerated Rehabilitation Post Shoulder Stabilization", and "Optimizing O.R. Efficiency: Building the A-Team", Baltimore, MD, 10/97.
19. AAOS Orthopaedic Learning Center Course on Open and Arthroscopic Shoulder Surgery: Current Concepts and Techniques: "Arthroscopic Surgery: Diagnosis, Set-up, Anesthesia", Rosemont, IL, 12/97.
20. New England Baptist Hospital: "Total Shoulder Arthroplasty", Boston, MA, 1/98.

21. Wayne State Medical Center, Grand Rounds Visiting Professor, October 2000, "Total Shoulder Arthroplasty, The Biceps Tendon"
22. Lake Tahoe Sports Medicine Course, " Arthroscopic treatment of the degenerative knee", 12/00
23. Metcalf Sports Medicine Course, Sun Valley, Idaho, "Arthroscopic Treatment of the degenerative knee," January 2001.
24. Oratec National Sales Meeting, Scottsdale, Arizona," Arthroscopic treatment of the degenerative knee, Technique of thermal capsulorrhaphy of the shoulder." January 2001.
25. AAOS-AOSSM Comprehensive Sports Medicine meeting, Lake Tahoe, NV, "Pathoanatomy of Rotator Cuff Tears, Treatment of Failed Anterior Instability Repairs, Posterior Labral Tears", February 1-4, 2001.
26. Arthrex National Training Center, Naples, Fl, " Arthroscopic treatment of shoulder instability, Rotator cuff tears and treatment"
27. Indiana Orthopedic Society, Bloomington, IN, "Treatment of the knee chondral lesion", April 6, 2001.

International:

1. AAOS Shoulder and Elbow Update Course, "Burners and Transient Quadriplegia", "The Pathophysiology of Rotator Cuff Injury", and "The Clinical Diagnosis of Glenohumeral Instability: Physical Examination and Radiographic Data", Vancouver, BC, 7/96.
2. European Shoulder and Elbow Meeting, Nottingham, England, 1997.
3. British Association of Sports Medicine: "The Athlete's Shoulder", "Indications for Shoulder Surgical Intervention", "Shoulder Examination Principles", Treatment Considerations for Instability of the Shoulder", Belfast, Ireland, 4/98.
4. American Shoulder and Elbow Society European Traveling Fellowship, multiple lectures on the shoulder at 8 European shoulder centers

PRESENTATIONS

Local /Regional:

1. "Orthopaedic Aspects of Female Sports Injuries", North Carolina Sports Medicine Society, Wrightsville Beach, NC, 7/89.
2. "The Magnetic Resonance Imaging Characteristics of Acute Intracapsular Femoral Neck Fracture", The Annual Closed Meeting of the Hip Society, Durham, NC, 9/89.
3. "Magnetic Resonance Imaging of Acute Femoral Neck fractures", North Carolina Orthopaedic Association, Pinehurst, NC, 10/89.
4. "The Effect of Air Exposure on Articular Cartilage: A Histochemical and Ultrastructural Evaluation", Orthopaedic Research Educational Foundation Conference, Durham, NC, 9/90.
5. "Magnetic Resonance Imaging of Traumatic Knee Articular Cartilage Injury", Oscar Miller Day Symposium, Charlotte, NC, 9/90.
6. "Arthroscopic Subacromial Decompression: Results in Advanced Impingement Syndrome", North Carolina Orthopaedic Association, Asheville, NC, 10/90.

7. "Principals of Shoulder Function and Rehabilitation", "Throwing Injuries to the Shoulder, and "Clinical Evaluation of the Shoulder", Morehead Symposium, Atlantic Beach, NC, 7/93.
8. "The Biomechanical Comparison of 2 Medially-Based Capsular Shift Procedures for the Repair of a Bankart Lesion" and "Arthroscopic Stabilization of the Shoulder Using a Bioabsorbable Tac: A 2-5 Year Follow-Up Study", North Carolina Orthopaedic Association, Pinehurst, NC, 10/93.
9. "Shoulder Injuries: Current Concepts and Historical Perspectives", North Carolina Medical Society Sports Medicine Symposium, Atlantic Beach, NC, 7/95.
10. "An Electromyographic Analysis of the Rotator Cuff", North Carolina Orthopaedic Association Annual Meeting, Winston-Salem, NC, 9/95.
11. "The Function of the Long Head of the Biceps at the Shoulder", North Carolina Orthopaedic Association Annual Meeting, Winston-Salem, NC, 9/95.
12. "Traumatic Initial Anterior Shoulder Dislocation: A Search for the Essential Lesion", North Carolina Orthopaedic Association Annual Meeting, Winston-Salem, NC, 9/95.
13. "The Function of the Longhead of the Biceps at the Shoulder", North Carolina Orthopaedic Association Annual Meeting, Winston-Salem, NC, 9/95.
14. "Posterior Labral Injury in Contact Athletes", North Carolina Orthopaedic Association Annual Meeting, Winston-Salem, NC, 9/95.
15. "Accelerated Rehabilitation of the Shoulder Following Injury and Surgery", Mid -Atlantic Athletic Trainers Association Annual Meeting, Charlotte, NC, 5/96.
16. "Management of Rotator Cuff Deficient Shoulder: Surgical and Non-Surgical", Cape Fear Valley Medical Center, Fayetteville, NC, 8/96.
17. "Current Perspectives in the Treatment of Shoulder Dysfunction", North Carolina Physical Therapy Association: Winston-Salem, NC, 5/97.
18. "Rotator Cuff Repair", Duke University Medical Center Endoscopy Workshop: Durham, NC, 8/97.
19. "Sports Medicine and your Child - How to Keep Injuries from Happening", Duke Women's Services Teer House Lecture Series, Durham, NC, 9/97.
20. "Shoulder Review: Orthopaedic In-Training Exam", Southern Medical Association's Orthopaedic In-Training Exam Review Course: Charlotte, NC, 11/97.
21. "Sports Medicine Using Science and Technology to Treat Athletes", North Carolina Science Teachers Conference: Greensboro, NC, 11/97.
22. "Shoulder: Diagnosis and Management of Labral Injuries", Moses Cone Hospital, Greensboro, NC, 3/99.

National:

1. "Traction Injuries to the Brachial Plexus in Football Players", Southern Orthopaedic Residents and Fellows Conference, New Orleans, LA, 11/88.
2. "Magnetic Resonance Imaging of Chondral and Subchondral Injuries About the Knee", Southern Orthopaedic Association, Antigua, West Indies, 5/89.
3. "The Magnetic Resonance Imaging Characteristics of Acute Intracapsular Femoral Neck Fracture", Eastern Orthopaedic Association, Montreal, Quebec, Canada, 10/89.
4. "Magnetic Resonance Imaging of the Posterior Cruciate Ligament", Southern Orthopaedic Association, Honolulu, HI, 5/90.
5. "The Evaluation of Articular Cartilage Injuries to the Knee: A Comparison of the Accuracy of Magnetic Resonance Imaging and Arthroscopy", American

- Orthopaedic Association, Colorado Springs, CO, 6/89 and American Academy of Orthopaedic Surgeons, New Orleans, LA, 2/90.
6. "Arthroscopic Subacromial Decompression: Results in Advanced Stage II and Early Stage III Impingement Syndrome", American Orthopaedic Society for Sports Medicine, CA, Traverse City, MI, 6/89 and American Orthopaedic Association Residents Conference, Los Angeles, 3/90.
 7. "The Effect of Air Exposure on Articular Cartilage: A Histochemical and Ultrastructural Evaluation", American Orthopaedic Association Residents Conference, Los Angeles, CA, 3/90.
 8. "Osseous Injury Associated with Acute Tears of the Anterior Cruciate Ligament", American Academy of Orthopaedic Surgeons, Anaheim, CA, 3/91, and IAA/ISK Meeting, Toronto, Canada, 5/91.
 9. "Radiographic Imaging of Muscle Strain Injury", American College of Sports Medicine, 5/91.
 10. "Radiographic Imaging of Muscle Strain Injury", Meadowlands Sports Medicine Symposium, East Rutherford, NJ, 11/91.
 11. "Combined ACL and Posterolateral Injury to the Knee, Clinical Examination", Video, American Academy of Orthopaedic Surgeons, Washington, DC, 11/91.
 12. "Longitudinal Rupture of the Peroneal Tendon", American Academy of Orthopaedic Surgeons, 1992.
 13. "Muscle Strain Injury", National Hockey League Physicians' Meeting, 1/92.
 14. "Magnetic Resonance Imaging of the Knee: Current Concepts", American Orthopaedic Society for Sports Medicine Specialty Day, 2/92.
 - 15.. "Examination of the Injured Knee", Manhasset Sports Medicine Symposium, Manhasset, Long Island, 3/92.
 - 16.. "Magnetic Resonance Imaging of Muscle Strain Injury", American Orthopaedic Society for Sports Medicine, 7/92.
 17. "An Evaluation of the Shoulder Relocation Test", American Orthopaedic Society for Sports Medicine, 7/92; American Academy of Orthopaedic Surgery, 2/93.
 18. "A Biomechanical Evaluation of the Bankart Lesion", American Academy of Orthopaedic Surgery, 2/93; American Shoulder and Elbow Society, 2/93; Orthopaedic Research Society, 2/93.
 19. "Shoulder Instability: Physical Exam", "MRI of the Shoulder", "Arthroscopic Stabilization", Symposium on Sports Medicine - The Shoulder and Elbow, Winnipeg, Canada, 5/93
 20. "Observations on the Injury Mechanism for ACL Tears in Skiers", American Orthopaedic Society of Sports Medicine, Sun Valley, ID, 7/93.
 21. "Instability Repair - Absorbable Tac", AANA, Monterey, CA, 11/92.
 22. "Arthroscopic Anterior Shoulder Stabilization: 2-5 Year Follow-Up Using a Bioabsorbable Tac", AAOS Annual Meeting and ASES Open Meeting, New Orleans, LA, 2/94.
 23. "Lumbar Spine Abnormalities in Elite Football Linemen", AAOS Annual Meeting, New Orleans, LA, 2/94.
 24. "Arthroscopic Fixation of Shoulder Labral Lesions", ASES Annual Meeting, Williamsburg, VA, 10/93 and AANA Meeting, New Orleans, LA, 2/94.
 25. "Arthroscopic Fixation of Superior Labral Lesions", Arthroscopy Association of North America, Orlando, FL, 4/94.
 26. "The Cumulative Effect of Participation in College Football on the Lumbar Spine", AOSSM Annual Meeting, Palm Desert, CA, 6/94.

27. "Two Strategies for an Anterior Capsular Shift of the Shoulder: A Biomechanical Comparison", AOSSM Annual Meeting, Palm Desert, CA, 6/94.
28. "The Degenerative Supraspinatus: A Correlative Investigation", AAOS Annual Meeting, Orlando, FL, 2/95.
29. "A Histological Evaluation of the Subacromial Bursae in Patients with Chronic Rotator Cuff Tendinopathy and Impingement Syndrome", AAOS Annual Meeting, Orlando, FL, 2/95.
30. "Objective Criteria for Diagnosis of Articular Cartilage Loss Using the Glenohumeral Weighted Abduction Radiograph", AAOS Annual Meeting, Orlando, FL, 2/95.
31. "Classification of Acromial Morphology in Young Athletes", AOSSM Specialty Day Meeting Orlando, FL, 2/95 and American Orthopaedic Association Residents' Course, Pittsburgh, PA, 3/95.
32. "Soft Tissue Shortening with the HO:YAG Laser: Experimental Model, Structural Effects, and Histologic and Ultrastructural Analysis", American Orthopaedic Association Residents' Course, Pittsburgh, PA, 3/95 and Orthopaedic Laser Society of North America Meeting, Lake Tahoe, NV, 12/95.
33. "An Electromyographic Analysis of the Rotator Cuff", North Carolina Orthopaedic Association Annual Meeting, Winston-Salem, NC, 9/95.
34. "Standardization of EMG Research on the Shoulder", Combined Orthopaedic Research Societies Annual Meeting, San Diego, CA, 11/95.
35. "Posterior Labral Injuries in Contact Athletes", Third IOC World Congress on Sports Sciences Meeting, Atlanta, GA, 9/95.
36. "The Manual Muscle Examination for the Assessment of Rotator Cuff Strength: An Electromyographic (EMG) Investigation", AAOS Annual Meeting, Atlanta, GA, 2/96.
37. "The Clinical Utility of High Resolution MRI and MR Arthrography of the Shoulder", AAOS Annual Meeting, Atlanta, GA, 2/96.
38. "Current Research on Muscle Activity Around the Shoulder Joint", AAOS Annual Meeting, Atlanta, GA, 2/96.
39. "Diagnosing Labral and Chondral Lesions in the Shoulder by MRI and MR Arthrography", AOSSM Specialty Day, Atlanta, GA, 2/96.
40. "The Spectrum of Glenohumeral Translation in the Asymptomatic Athlete's Shoulder", AOSSM Specialty Day, Atlanta, GA, 2/96.
41. "Neurological Rehab & Prehab", Bollettieri Tennis and Sports Academy, Bradenton, FL, 2/96.
42. "Neural Mechanisms in Chronic Shoulder Pain", 3rd Annual Residents and Fellows Arthroscopy Conference, Scottsdale, AZ, 3/96.
43. "The Mechanism of Cryotherapy in the Post Operative Treatment of Shoulder Surgery", American College of Sports Medicine Annual Meeting, Cincinnati, OH, 5/96.
44. "The Rationale for Aquatic Physical Therapy in the Shoulder", American College of Sports Medicine Annual Meeting, Cincinnati, OH, 5/96.
45. "Cervical Spine Radiographic Abnormalities in High School and College Players", AOSSM Annual Meeting, Lake Buena Vista, FL, 6/96.
46. "The Elastic and Plastic Behavior of the Inferior Glenohumeral Ligament Complex Under Tensile Load", AOSSM Annual Meeting, Lake Buena Vista, FL, 6/96.
47. "Labral Tears in Contact Athletes", South Carolina Athletic Trainers Association Annual Meeting, Columbia, SC, 7/96.

48. "Humeral Retroversion in the Throwing Arm of Baseball Pitchers", AAOS Annual Meeting, San Francisco, CA, 2/97.
49. "Function of the Long Head of the Biceps at the Shoulder", AAOS Annual Meeting, San Francisco, CA, 2/97 and AOSSM Specialty Day, San Francisco, CA, 2/97.
50. "Posterior Labral Injury in Contact Athletes", AAOS Annual Meeting, San Francisco, CA, 2/97.
51. "Empty Can Vs. Full Can Exercise for Rotator Cuff Rehabilitation: An EMG Analysis", AAOS Annual Meeting, San Francisco, CA, 2/97.
52. "MRI Imaging of the Rotator Cuff", AAOS Course on Shoulder and Knee: The Athletic Perspective on Treatment, Controversies and Problem Solving, Steamboat Springs, CO, 3/97.
53. "Revision/Infection", AAOS Course on Shoulder and Knee: The Athletic Perspective on Treatment, Controversies and Problem Solving, Steamboat Springs, CO, 3/97.
54. "MRI Imaging of Shoulder Instability", AAOS Course on Shoulder and Knee: The Athletic Perspective on Treatment, Controversies and Problem Solving, Steamboat Springs, CO, 3/97.
55. "The Athlete's Shoulder: Labral Tears, Instability and Rehabilitating Them Back to Sports", American College of Sports Medicine Annual Meeting, Denver, CO, 5/97.
56. "Glenohumeral Osteoarthritis", Aequalis Shoulder Arthroplasty Instructional Course, Ft. Lauderdale, FL, 5/97.
57. "The Mechanism of Cryotherapy in the Postoperative Treatment of Shoulder Surgery", AOSSM Annual Meeting, Sun Valley, ID, 6/97.
58. "Empty Can vs. Full Can Exercise for Rotator Cuff Rehabilitation: An EMG Analysis", AOSSM Annual Meeting, Sun Valley, ID, 6/97.
59. "Diagnosis and Treatment of Posterior Labral Injury in Contact Athletes", AOSSM Annual Meeting, Sun Valley, ID, 6/97.
60. "Arthroscopic Surgery: Diagnosis, Set-up, Anesthesia", AAOS Orthopaedic Learning Center Course on Open and Arthroscopic Shoulder Surgery: Current Concepts and Techniques: Rosemont, IL, 12/97.
61. "The Efficacy and Safety of a Low Anterior Portal for Use in Arthroscopic Shoulder Stabilization", AANA Annual Meeting, Orlando, FL, 4/98.
62. "The Role of the Coracohumeral Ligament and the Subscapularis in the Stability of the Long Head of the Biceps Tendon", American Shoulder and Elbow Surgeons Open Meeting, Kiawah Island, SC, 4/98.
63. "Empty Can Vs. Full Can", ACSM Annual Meeting, Orlando, FL, 6/98.
64. "Examination of the Shoulder", ACSM Annual Meeting, Orlando, FL, 6/98.
65. "Activity of Rotator Cuff Muscles in Patients with Symptomatic and Asymptomatic Rotator Cuff Tendinopathy", ACSM Annual Meeting, Orlando, FL, 6/98.
66. "Optimal Normalization Tests for Scapulothoracic Muscle Activation: An EMG Study", ACSM Annual Meeting, Orlando, FL, 6/98.
67. "Accelerated Rehabilitation Following Shoulder Injury", National Athletic Trainers' Association Annual Meeting, Baltimore, MD, 6/98.
68. "Orthopaedics of Primary Care", South Boston, VA, 9/98.
69. "Radio Frequency Ablation: The Effects of Radio Frequency on Articular Cartilage", American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, FL, 3/00.
70. "The Sensitivity and Specificity of the Physical Examination to Detect Glenoid Labrum

- Tears", The American Academy of Orthopaedic Surgeons, Orlando, Florida, 3/00.
71. "Anatomic Humeral Head Replacement, The American Academy of Orthopaedic Surgeons, Anaheim, CA, 3/99.
 72. "Increased T2 Signal Intensity in the Distal Clavicle in the Setting of Shoulder Pain: Incidence and Clinical Significance", 85th Scientific Assembly and Annual Meeting, Chicago, IL, 12/99.
 73. "Perioperative Pain Considerations", "The Role of the Surgeon in Regional Anesthesia", Perioperative Pain Conference University of Minnesota, Minneapolis, MN, 4/99.
 74. "The Effect of Continuous Cryotherapy on Glenohumeral Joint and Subacromial Space Temperatures in the Postoperative Shoulder." American Academy of Orthopaedic Surgeons. 68th Annual Meeting. San Francisco, CA. 2/00.

International:

1. "Lumbar Spine Abnormalities in American Football Linemen", 3rd World Congress of Science and Football, Cardiff, Wales, 4/95.
2. "Diagnosis and Treatment of Posterior Labral Injuries in American Football Players, 3rd World Congress of Science and Football, Cardiff, Wales, 4/95.
3. "Injuries in American Football", 3rd World Congress of Science and Football, Cardiff, Wales, 4/95.
4. "Role of the biceps tendon in the shoulder: What is it really doing there?" Sports Medicine 2000 Meeting, Stockholm, Sweden, 6/95.
5. "The Function of the Long Head of the Biceps at the Shoulder", Magellan Society, Stockholm, Sweden, 6/95.
6. "Classification of Acromial Morphology in Young Athletes", Magellan Society, Stockholm, Sweden, 6/95.
7. "Posterior Labral Injuries in Contact Athletes", Magellan Society, Stockholm, Sweden, 6/95.
8. "The Manual Muscle Examination for Rotator Cuff Strength: An Electromyographic (EMG) Investigation", Magellan Society, Stockholm, Sweden, 6/95 and American Academy of Sports Medicine Annual Meeting, Toronto, Canada, 7/95.
9. "The Mechanism of Cryotherapy in the Post Operative Treatment of Shoulder Surgery", Southern Orthopaedic Assoc., Quebec, Canada, 7/95.
10. "Burners and Transient Quadripareisis", AAOS Shoulder and Elbow Update Course, Vancouver, BC, 7/96.
11. "The Pathophysiology of Rotator Cuff Injury", AAOS Shoulder and Elbow Update Course, Vancouver, BC, 7/96.
12. "Clinical Diagnosis of Glenohumeral Instability: Physical Examination and Radiographic Data", AAOS Shoulder and Elbow Update Course, Vancouver, BC, 7/96.
13. "Diagnosis and Treatment of Posterior Labral Injury in Contact Athletes", 9th Congress of the European Society for Surgery of Shoulder and Elbow, Nottingham, UK, 9/96.
14. "Humeral Retroversion in the Throwing Arm of Baseball Pitchers", 9th Congress of the European Society for Surgery of Shoulder and Elbow, Nottingham, UK, 9/96.
15. "Medial Scapular Border Syndrome: Anatomical Investigation of the Soft Tissue Etiologies", The 13th Congress of the European Society for Surgery of the Shoulder and Elbow, Hague, Netherlands, 9/99.

Invited Course Faculty:

1. AAOS Shoulder and Elbow Update Course, Vancouver, BC, 7/96.
2. AAOS Course on Shoulder and Knee: The Athletic Perspective on Treatment, Controversies and Problem Solving, Steamboat Springs, CO, 3/97.
3. AAOS Orthopaedic Learning Center Course on Open and Arthroscopic Shoulder Surgery: Current Concepts and Techniques, Rosemont, IL, 12/97.
4. AAOS Orthopaedic Learning Center Shoulder “Course Within A Course”, Rosemont, IL, 12/97.
5. University of South Florida College of Medicine, “Current Concepts of Shoulder and Elbow Surgery”, Tampa, FL, 1/98.
6. University of South Florida College of Medicine, “The Degenerative Rotator Cuff”, Tampa, FL, 5/98.
7. Aequalis Shoulder Arthroplasty Course, “Rehabilitation Following Shoulder Arthroplasty”, Chicago, IL, 5/98.
8. 14th Annual Hilton Head Symposium in Internal Medicine, “Primary Care Sports Medicine: Management of the Shoulder”, “Primary Care Sports Medicine: Management of the Knee”, Hilton Head, SC, 6/98.
9. American College of Sports Medicine 45th Annual Meeting, “What is the Role of Imaging and When Should it be Done?”, “Examination of the Shoulder”, “Current Concepts - Treatment of Acute Shoulder Injuries”, “Musculoskeletal Concerns in the Older Athlete”, Orlando, FL, 6/98.
10. University of South Florida College of Medicine, “Current Concepts of Shoulder and Elbow Surgery”, Tampa, FL, 1/98.
11. American College of Sports Medicine 46th Annual Meeting, “Examination of the Shoulder”, Seattle, WA, 6/99.
12. American Orthopedic Society of Sport Medicine, 1999 Annual meeting, instructional course on the shoulder
13. American Orthopedic Society of Sport Medicine, 2000 Annual meeting, instructional course on the shoulder
14. Lake Tahoe Knee and Shoulder Update, November 2000, “Arthroscopic Treatment of the Degenerative Knee”.
15. AAOS-AOSSM Sports Medicine Update, January 2001, “ Treatment of Failed anterior instability repairs”, Pathoanatomy of Rotator Cuff Tears”, “Posterior labral tears: diagnosis and treatment”.

Instructional Courses:

1. “Basic Science & Clinical Application of Shoulder Rehab”, AAOS Annual Meeting, Atlanta, GA, 2/96.
2. “Current Research & Clinical Applications in Shoulder Rehab” and “Exam of the Shoulder”, American College of Sports Medicine Annual Meeting, Cincinnati, OH, 5/96.
3. “Functional Shoulder Rehabilitation- Part I: Physiological, Biomechanical and Research Basis; Part II: Specific Protocols and Outcomes”, AOSSM Annual Meeting, Lake Buena Vista, FL, 6/96.
4. “Indications for Expected Outcomes from Shoulder Surgery” and “Treatment Considerations for Instability of the Shoulder”, American College of Sports Medicine Annual Meeting, Denver, CO, 5/97.

5. “The Science of Rehabilitation: Neurology of the Rehabilitative Effort”, National Athletic Trainers’ Association Annual Meeting, Salt Lake City, UT, 6/97.
6. “Shoulder Arthroplasty for Arthritis and Fractures”, Aequalis Shoulder Arthroplasty Symposium, Durham, NC, 2/98.
7. “Evaluation and Management of Rotator Cuff Disease in Athletes”, AOSSM Annual Meeting, Traverse City, MI, 6/99.
8. “The Science of Shoulder Rehabilitation”, National Athletic Trainers’ Association Annual Meeting
9. American Orthopedic Society of Sport Medicine, 1999 Annual meeting, instructional course on the shoulder
10. American Orthopedic Society of Sport Medicine, 2000 Annual meeting, instructional course on the shoulder