

CURRICULUM VITAE

Thomas Nelson Lindenfeld, M.D.

ADDRESS:

Mercy Health - Cincinnati SportsMedicine and Orthopaedic Center
10663 Montgomery Rd.
Cincinnati, OH 45242
Phone: (513) 347-9999
Fax: (513) 792-3230
E-mail: mrjohnson@mercy.com

EDUCATION:

Undergraduate: University of Michigan, Ann Arbor, Michigan
Degree: none (accepted without degree to Medical School),
Honors: James B. Angell Scholar (Top 5% of class)
1971-1974

Medical School: University of Michigan Medical School, Ann Arbor, Michigan
Degree: M.D.
1974-1978

Residency: University of Louisville, Louisville, Kentucky
General Surgery - Hiram Polk, Chairman
1978-1980 (first and second year residency)

University of Iowa Hospitals and Clinics, Iowa City, Iowa
Orthopaedic Surgery - Reginald R. Cooper, Chairman
1980-1983 (third through fifth year residency)

Fellowships: Sports Medicine Fellow
University of Iowa Hospitals and Clinics, Iowa City, Iowa
John P. Albright, M.D.
1983-1984

Hand and Microvascular Surgery Fellow
University of Iowa Hospitals and Clinics, Iowa City, Iowa
William F. Blair, M.D.
1983-1984

A.O. Scholar
Harborview Hospital, Seattle, Washington
Sig Hansen, M.D.
July, 1984

Other Positions: Staff Trauma Physician
University of Iowa
April, 1984

PRESENT POSITIONS:

Orthopaedic Surgeon, Mercy Health - Cincinnati Sports Medicine and Orthopaedic Center

Associate Director of Sports Medicine Fellowship, Cincinnati Sports Medicine and Orthopaedic Center

TEAM PHYSICIAN:

Northwest High School	1984 – 1998
Cincinnati Gymnastics Academy	1997 – 2011
Badin High School	1999 - 2012
Queen City Gymnastics	2000 - present

LICENSURE:

Kentucky	1978	#20423
Ohio	1984	#50263
Iowa	1983	#23611

HOSPITAL APPOINTMENTS:

Bethesda North Hospital
Bethesda Surgery Center
Jewish Hospital

BOARD CERTIFICATION:

American Board of Orthopaedic Surgery
July 26, 1986. Recertified through 2026

PAST COMMITTEE APPOINTMENTS:

Young Educators Committee, American Orthopaedic Society for Sports Medicine,
Member: 1988 to 1993

Research Committee, American Orthopaedic Society for Sports Medicine, Member:
1988 to 1994

OREF Review Committee, Orthopaedic Research and Education Foundation, Member:
1991 to 1997

FSMER's Peer Review Committee/Grant Committee, American Orthopaedic Society for
Sports Medicine, Member: 1991 to 1997

Awards Committee (O'Donoghue, Cabaud, Excellence in Research Awards), American
Orthopaedic Society for Sports Medicine, Member: 1988 to 1994, Chairman: 1991 to
1994

NFL Safety and Rules Committee, NFL Association, Member: December 1993 to 1998

Fellowship Examination Committee, American Orthopaedic Society for Sports Medicine, Member: 1993 to 1999, Chairman: 1994 to 1996

Recertification Examination Committee, American Board of Orthopaedic Surgery, Member: 1996 to 1999

Clinical Committee on Sports Medicine, American Academy of Orthopaedic Surgeons, Member: 1994 to 2001

Education Committee, American Orthopaedic Society for Sports Medicine, Member: 2000 to 2010.

Program Committee, Subcommittee on Sports Medicine/Arthroplasty, American Academy of Orthopaedic Surgeons, Member: 2000 to 2010.

OTHER MAJOR APPOINTMENTS:

Co-Chairman of AAOS/AOSSM Comprehensive Course: Shoulder and Knee: The Athletic Perspective to Treatment, Controversies and Problems Solving, 1999 - 2001.

Member of NIH Consensus Panel for the Prevention of ACL Injuries in Females, 1999

AWARDS:

Second Place Resident Research Paper: Histologic and Histochemical Changes in Exposed Articular Cartilage, Mid America Orthopaedic Society, 1984.

O'Donoghue Award: The Region of Most Isometric Femoral Attachments: Part I. Posterior Cruciate Ligament; Part II. ACL, Palm Desert, California, June 15, 1988.

O'Donoghue Award: The Effect of the Menstrual Cycle on ACL Injuries in Women as Determined by Hormone Levels. Keystone, Colorado, 2001.

SOCIETIES:

Academy of Medicine of Cincinnati, 1984 - present
American Academy of Orthopaedic Surgeons, 1988 - present
American Orthopaedic Society for Sports Medicine, 1987 - present
American Orthopaedic Association, 2000 - present
Herodicus Society, 1996 - present
Tri-State Orthopaedic Society, 1984 - present
American Orthopedic Association, 2001

REVIEWER:

American Journal of Sports Medicine
Arthroscopy: The Journal of Arthroscopic and Related Surgery
Journal of Bone and Joint Surgery

GRANTS:

OREF Grant: Co-Principle Investigator, The Effects of Sex Hormone Cycling on Knee Joint Laxity and Neuromuscular Performance in Female Athletes, 1998.

VISITING PROFESSOR:

Medical College of Ohio, Toledo, Ohio, September 17, 1988.

Senior Residents' Day, University of Iowa, Iowa City, Iowa, Invited Speaker, June 8-10, 1989.

Medical College of Ohio, Toledo, Ohio, March 18, 1995.

Yale University, New Haven, Connecticut, April 28, 2000.

University of Louisville, Louisville, Kentucky, August 8, 2000.

PUBLICATIONS:

Lindenfeld TN: Grand Rounds. The widening definition of familial polyposis. *Journal of Kentucky Medical Association*, 78(1):29-31, 1980.

Lindenfeld TN: Arthroscopically aided meniscal repair. *Orthopedics*, 10(9):1293-1296, 1987.

Noyes FR, Lindenfeld TN, Marshall MT: What determines an athletic injury (definition)? Who determines an injury (occurrence)? *American Journal of Sports Medicine*, 16(1):S65-268, 1988. Special Edition: Sports Injury Research. Noyes FR, Albright JP (eds), American Orthopaedic Society for Sports Medicine.

Lindenfeld TN, Noyes FR, Marshall MT: Components of injury reporting systems. *American Journal of Sports Medicine*, 16(1):S69-S80, 1988. Special Edition: Sports Injury Research. Noyes FR, Albright JP (eds), American Orthopaedic Society for Sports Medicine.

Lindenfeld TN: Arthroscopically aided meniscal repair. *American Journal of Knee Surgery*, 1(2):146-149, 1988.

Wroble RR, Lindenfeld TN: The stabilized Lachman test. *Clinical Orthopedics and Related Research*, 237:209-212, 1988.

Lindenfeld TN: The differentiation and treatment of ankle sprains. *Orthopedics*, 11(1):203-206, 1988.

Grood ES, Hefzy MS, Lindenfeld TN: Factors affecting the region of most isometric femoral attachments. Part I: The posterior cruciate ligament. Winner of the 1988 O'Donoghue Award. *American Journal of Sports Medicine*, 17(2):197-207, 1989.

Lindenfeld TN: Medial approach in elbow arthroscopy. *American Journal of Sports Medicine*, 18(4):413-417, 1990.

Oster DM, Lindenfeld TN: Meniscus: function and repair. *The Iowa Orthopaedic Journal*, 10:79-84, 1990.

Lindenfeld TN, Schmitt DJ, Hendy MP, Mangine RE, Noyes FR: Incidence of injury in indoor soccer. *American Journal of Sports Medicine*, 22(3):364-371, 1994.

Lindenfeld TN: *In: Wojtys EM (ed): The ACL Deficient Knee. AAOS Monograph Series, AAOS, Rosemont, IL, 1994.*

Lindenfeld TN, Bach BR Jr, Wojtys EM: Reflex sympathetic dystrophy and pain dysfunction in the lower extremity. *Journal of Bone and Joint Surgery*, 78A(12):1936-1944, 1996.

Lindenfeld TN, Bach BR Jr, Wojtys EM: Reflex Sympathetic Dystrophy and Pain Dysfunction in the Lower Extremity. *In: Springfield DS (ed): Instructional Course Lectures. Vol. 46, pgs. 261-268. AAOS: Rosemont, 1997.*

Bach BR Jr, Wojtys EM, Lindenfeld TN: Reflex sympathetic dystrophy, patella infera contracture syndrome, and loss of motion following anterior cruciate ligament surgery. *In: Springfield DS (ed): Instructional Course Lectures. Vol. 46, pgs. 251-260. AAOS: Rosemont, 1997.*

Wojtys EM, Oakes B, Lindenfeld TN, Bach BR Jr: Patella infera syndrome: An analysis of the patellar tendon pathology. *In: Springfield DS (ed): Instructional Course Lectures. Vol. 46, pgs. 241-250. AAOS: Rosemont, 1997.*

Lindenfeld TN, Hewett TE, Andriacchi TP: Joint loading with valgus bracing in patients with varus gonarthrosis. *Clinical Orthopaedics and Related Research*, 344:290-297, 1997.

Lindenfeld TN: Recognizing and managing reflex sympathetic dystrophy. *Journal of Musculoskeletal Medicine*, 15(4):41-53, 1998.

Nixon RT Jr, Lindenfeld TN: Early rehabilitation after a modified inferior capsular shift procedure for multidirectional instability of the shoulder. *Orthopedics*, 21(4):441-445, 1998.

Wojtys EM, Huston LJ, Lindenfeld TN, Hewett TE, Greenfield MLVH: Association between the menstrual cycle and anterior cruciate ligament injuries in female athletes. *American Journal of Sports Medicine*, 26(5):614-619, 1998.

Rubman MH, Lindenfeld TN: Arthroscopic meniscus repair: Inside-out technique. *In: Craig EV (ed): Clinical Orthopaedics. pgs. 732-740. Lippincott Williams and Wilkins: Philadelphia, 1999.*

Hewett TE, Lindenfeld TN, Riccobene JV, Noyes FR: The effect of neuromuscular training on the incidence of knee injury in female athletes. A prospective study. *American Journal of Sports Medicine*, 27(6):699-706, 1999.

Lindenfeld TN, Wojtys EM, Husain A: Operative treatment of arthrofibrosis of the knee. *Journal of Bone and Joint Surgery*, 81A(12):1772-1784, 1999.

Mannor DA, Lindenfeld TN: Spinal process apophysitis mimics spondylolysis: Case reports. *American Journal of Sports Medicine*, 28(2):257-260, 2000.

Lindenfeld TN, Wojtys EM, Husain A: Surgical treatment of arthrofibrosis of the knee. *In: Price CT (ed). Instructional Course Lectures*. Rosemont: AAOS; 49, 211-221, 2000.

Griffin LY, Agel J, Albohm MJ, Arendt EA, Dick R, Garrett WE, Garrick JG, Hewett TE, Huston L, Ireland ML, Johnson R, Kibler WB, Lephart S, Lewis JL, Lindenfeld TN et al.: Noncontact anterior cruciate ligament injuries: Risk factors and prevention strategies. *Journal of the American Academy of Orthopaedic Surgeons*, 8(3):141-150, 2000.

Hewett TE, Levy M, Lindenfeld TN, Noyes FR: Letter to the Editor, *American Journal of Sports Medicine*, 28(4):615-616, 2000.

Lindenfeld TN, Hewett TE: Developing dynamic knee stability in female athletes. How, When and Why. *Women's Health Orthopedic Edition*. 3(6):195-202, 2000.

Mehta S, Lindenfeld TN: Reflex sympathetic dystrophy. *In: DeLee JC, Drez D, Miller MD (eds): DeLee and Drez's Orthopaedic Sports Medicine*, 2nd edition, W. B. Saunders, Philadelphia, 2000.

Wojtys EM, Huston LJ, Boynton MD, Spindler KP, Lindenfeld TN: The effect of the menstrual cycle on anterior cruciate ligament injuries in women as determined by hormone levels. *Am J Sports Med* 30: 182-188, 2002.

Bey MJ, Hunter SA, Kilambi N, Butler DL, Lindenfeld TN. Structural and mechanical properties of the glenohumeral joint posterior capsule. *J Shoulder and Elbow Surgery*, 14(12): 201-206, 2005.

Lindenfeld TN, Parikh SN. Heel-thump test for syndesmotic ankle sprain. *Foot and Ankle International*, 26(5):406-8, 2005.

Lindenfeld TN. Inside-out meniscus repair. *In: Instructional Course Lectures*. Rosemont: AAOS; 54, 331-336, 2005.

Lindenfeld T: Inside-out meniscal repair. *In Ireland ML (ed.):Instructional Course Lectures, Sports Medicine, American Academy of Orthopaedic Surgeons, Rosemont, IL., 2006.*

Lindenfeld T: Surgical treatment of arthrofibrosis of the knee. *In Ireland ML (ed.): Instructional Course Lectures, Sports Medicine, American Academy of Orthopaedic Surgeons, Rosemont, IL., 2006.*

Chaudhari AM, Lindenfeld TN, Andriacchi TP, et al. Knee and hip loading patterns at different phases in the menstrual cycle: implications for the gender difference in anterior cruciate ligament injury rates. *Am J Sports Med*, 35(5): 793-800, 2007.

Austin JA, Hasan SS, Heckmann TP, Lindenfeld TN. Posterior Shoulder Instability. *In: The Athlete's Shoulder*, 2nd ed. Editors: Wilk KE, Reinold MM, Andrews JR. Churchill Livingstone Elsevier, 2009: Chapter 18, pp. 209-228.

Saxton DL, Lindenfeld TN. Complex regional pain syndromes including reflex sympathetic dystrophy and causalgia. *Orthopaedic Sports Medicine*, 3rd Edition, DeLee JC, Drez D, Miller MD (eds.), Elsevier, Philadelphia, 2009, pp. 351-369

Frush TJ, Lindenfeld TN. Peri-epiphyseal and overuse injuries in adolescent athletes. *Sports Health*, 2009 1(3): 201-211.

Saxton D, Lindenfeld TN, Noyes FR. Diagnosis and treatment of complex regional pain syndrome. *Noyes Knee Disorders: Surgery, Rehabilitation and Clinical Outcomes*, Noyes FR, Barber-Westin SD (eds.), Saunders, Philadelphia, 2009, pp. 1116-1133.

McCormack MA, Lindenfeld TN, Barber-Westin SD: Comparing two devices used to regain full range of motion following arthroscopic subacromial decompression for shoulder impingement. *J Athletic Training Sports Health Care*, 4(1): 21-28, 2012.

Ramsey JA, Aboka AM, Lindenfeld TN. Complex Regional Pain Syndromes. In: DeLee and Drez's *Orthopaedic Sports Medicine* 4th Edition. Miller MD, Thompson SR (eds.). Elsevier/Saunders, Philadelphia, 2014, pp. 254-266.

Lindenfeld TN, Fleckenstein CM, Levy MS, Grood ES, Frush TJ, Parameswaran AD. Reliability of a new clinical instrument for measuring internal and external glenohumeral rotation. *Sports Health*, 2015, 7(4): 312-317.

INSTRUCTIONAL COURSES PRESENTATIONS:

Lindenfeld TN (Moderator), Wojtys EM, Bach BR Jr: Diagnosis and Treatment of the Stiff and Painful Knee: RSD, Patella Infera, and Arthrofibrosis. AAOS Annual Meeting, Atlanta, Georgia, February 23, 1996.

Lindenfeld TN (Moderator), Wojtys EM, Bach BR Jr: Diagnosis and Treatment of the Stiff and Painful Knee: RSD, Patella Infera, and Arthrofibrosis. AAOS Annual Meeting, San Francisco, California, February 17, 1997.

Lindenfeld TN (Moderator), Grana WA, Terry GC, Ireland ML, Wojtys EM: Review of Gross and Surgical Anatomy of the Knee. AAOS Annual Meeting, New Orleans, Louisiana, March 20, 1998.

Lindenfeld TN (Moderator), Wojtys EM, Bach BR Jr: Diagnosis and Treatment of the Stiff and Painful Knee: RSD, Patella Infera, and Arthrofibrosis. AAOS Annual Meeting, New Orleans, Louisiana, March 21, 1998.

Lindenfeld TN (Moderator), Wojtys EM, Bach BR Jr: Diagnosis and Treatment of the Stiff and Painful Knee: RSD, Patella Infera, and Arthrofibrosis. AOSSM Annual Meeting, Vancouver, British Columbia, Canada, July 12-15, 1998.

Lindenfeld TN (Moderator), Wojtys EM, Bach BR Jr, DeHaven KE: Diagnosis and Treatment of the Stiff and Painful Knee: RSD, Patella Infera, and Arthrofibrosis. AAOS Annual Meeting, Anaheim, California, February 6, 1999.

Lindenfeld TN (Moderator), Wojtys EM, Bach BR Jr, DeHaven KE: Diagnosis and Treatment of the Stiff and Painful Knee: RSD, Patella Infera, and Arthrofibrosis. AOSSM Annual Meeting, Traverse City, Michigan, June 19-22, 1999.

Lindenfeld TN (Moderator), Miller MD, Harner CD, Wojtys EM: Meniscus Function: Repair and Restoration. 2000 AOSSM Annual Meeting, Sun Valley, Idaho, June 18, 2000.

Lindenfeld TN (Moderator), Miller MD, Harner CD, Wojtys EM: Meniscus Function: Repair and Restoration. 2001 AAOS Annual Meeting, San Francisco, California, March 2, 2001.

Wojtys EM (Moderator), LaPrade R, Lindenfeld TN: Posterolateral and Lateral Knee Injuries: A Review of the Anatomy, Biomechanics and Treatment Options. 2001 AAOS Annual Meeting, San Francisco, California, February 28, 2001.

Lindenfeld TN (Moderator), Miller MD, Harner CD, Wojtys EM: Meniscus Function: Repair and Restoration. 2002 AAOS Annual Meeting, Dallas, Texas, February 13, 2002.

Lindenfeld TN: Complications of ACL Surgery: Recognition, Prevention, Treatment. 2002 AAOS Annual Meeting, Dallas, Texas, February 13, 2002.

Lindenfeld TN: Closing Wedge High Tibial Osteotomy: Indications, Technique, Results. 2002 AAOS Annual Meeting, Dallas, Texas, February 13, 2002.

Lindenfeld TN: Posterolateral and Lateral Knee Anatomy. 2002 AOSSM Annual Meeting.

Lindenfeld TN: Meniscus Repair. 2002 AOSSM Annual Meeting.

Lindenfeld TN (Moderator), Miller MD, Noyes FR, Wojtys EM: Meniscus Function: Repair and Restoration. 2003 AAOS Annual Meeting, New Orleans, Louisiana, February 7, 2003.

Lindenfeld TN (Moderator), Miller MD, Harner CD, Wojtys EM: Meniscus Function: Repair and Restoration. 2004 AAOS Annual Meeting, San Francisco, California, March 11, 2004.

PRESENTATIONS:

The Injured Knee 1986-New Horizons and Treatment Concepts: AAOS Continuing Education Course. 1) Patient Presentations to Expert Panel. 2) Tibial Tubercle Elevation and Patellectomy. Hilton Head Island, South Carolina, May 28-31, 1986.

Orthoscience - The Knee: AAOS Continuing Education Course. 1) Patellofemoral Subluxations: Diagnosis and Treatment, Maximal Intervention Procedures; 2) Tibial Tubercle Elevation: Update on Techniques and Selection. Monterey, California, April 23-25, 1987.

AOSSM Educators Workshop on Sports Injury Research. 1) The Components of an Injury Reporting System. 2) Critical Analysis of Literature. Callaway Gardens Resort, Pine Mountain, Georgia, December 10-12, 1987.

Fifth Annual Hawkeye Sports Medicine Symposium. 1) History of Knee Bracing. 2) Elbow Arthroscopy. 3) Shoulder Instability. University of Iowa, May 19-21, 1988.

AOSSM Educators Workshop on Sports Injury Research. 1) Definition of Injury. 2) Data Collection Team. San Antonio, Texas, December 8-10, 1988.

Eighth Annual Meeting of the International Arthroscopy Association of North America. Medial Approach to Elbow Arthroscopy. Seattle, Washington, April 13-16, 1989.

Biennial Meeting of the International Arthroscopy Association. Medial Approach to Elbow Arthroscopy. Rome, Italy, May 7-8, 1989.

Annual Clinical Assembly of Osteopathic Specialists. St. Louis, Missouri. Invited Speaker, September 18, 1989.

APTA Faculty Conference. 1) Patellofemoral Evaluation, 2) Surgical Approaches to Patellofemoral Problems. Orlando, Florida, December 5-9, 1990.

Extrascholastic Sports (Soccer). NIH Conference. Incidence of Injury In Indoor Soccer. Bethesda, Maryland, April 7-8, 1991.

Combined Meeting of the Orthopaedic Research Societies of USA, Japan and Canada. Provisional Scientific Program. Symposium 2 - Biology and Repair of Tendons and Ligaments. The Bone Ligament Junction and Its Importance in Repair. Calgary/Banff, Canada, October 21-22, 1991.

Instructional Courses - Principles and Foundations: American Orthopaedic Society for Sports Medicine - Summer Session. 1) Injury Definitions, Anatomy, Pathology, Time-Loss. 2) Study Design - Data Collection Instruments. San Diego, California, July 5-9, 1992.

Instructional Courses - Principles and Foundations: American Orthopaedic Society for Sports Medicine - Summer Session. 1) Injury Definitions, Anatomy, Pathology, Time-Loss. 2) Study Design - Data Collection Instruments. Sun Valley, Idaho, July 9-15, 1993.

AAOS Sports Medicine: Santa Fe, New Mexico. 1) Meniscus Repair Techniques 2) Elbow Arthroscopy 3) Multidirectional Instability of the Shoulder - Surgical Techniques 4) Critical Evaluation of Impingement and Rotator Cuff Problems. July 13-17, 1994.

AAOS, Steamboat Springs, Colorado, January 4-8, 1995.

Faculty Member-Professional Healthcare Communication Telelecture Conference. Anterior Cruciate Ligament Repair - Procedure and Postop Rehabilitation. Virginia Commonwealth University. February - July 1995.

The Third IOC World Congress on Sports Science. Incidence of Indoor Soccer Injuries. Atlanta, Georgia, September 20, 1995.

AAOS Annual Meeting. Decrease in Knee Joint Loading with Unloader Brace Wear in Patients with Medial Compartment Gonarthrosis. Atlanta, Georgia, February 24, 1996.

AAOS/AOSSM Comprehensive Sports Medicine Course on the Knee and Lower Extremity. 1) Knee Anatomy, 2) Evaluating the Patient with an ACL Injury, 3) Complicating PCL Injury - Posteromedial and Posterolateral Injury, Varus Alignment, 4) Posterolateral and Posteromedial Repair. Phoenix, Arizona, March 14-17, 1996.

Orthopaedics and Radiology of Sports Medicine and Joint Injuries. 1) Shoulder Impingement: Differential Diagnosis and Treatment, 2) Posterolateral Knee: Anatomy and Recognition, 3) RSD for the Orthopedist, 4) Knee Bracing for Osteoarthritis. Santa Fe, New Mexico, July 25-28, 1996.

AAOS/AOSSM Shoulder and Knee: The Athletic Perspective on Treatment, Controversies and Problems Solving. 1) Evaluation of the ACL Injured Knee, 2) Knee Anatomy: A Guide to Open Ligament Surgery, 3) Graft Strength, Stiffness, Length, Fixation Considerations, 4) Posterolateral and Posteromedial Injury: Diagnosis and Treatment Guidelines. Steamboat Springs, Colorado, March 18-22, 1997.

National Athletic Trainer's Association Annual Meeting. The Stiff and Painful Knee: RSD, Patella Infera and Arthrofibrosis. Salt Lake City, Utah, June 18-21, 1997.

Iowa Hawkeye Symposium. 1) Evaluating the Patient with an ACL Injury, 2) The Stiff and Painful Knee, 3) MDI of the Shoulder: Surgical Techniques. Iowa City, Iowa, December 5-6, 1997.

AAOS/AOSSM Shoulder, Elbow, and Knee: The Athletic Perspective to Treatment, Controversies, and Problem-Solving. 1) Preoperative Planning in Complex Knee Injuries: Physical Exam, MRI, Graft Sources. 2) Anatomy Review: Medial and Lateral. Marco Island, Florida, February 4-8, 1998.

Herodicus Society Annual Meeting. A Prospective Study of the Relation of Neuromuscular Training to Injury in Female Athletes. Portland, Maine, June 11-13, 1998.

AAOS Annual Meeting. Symposium: Degenerative Disease in the Athlete's Knee. Unloading Braces. Anaheim, California, February 7, 1999.

AAOS/AOSSM Shoulder and Knee: The Athletic Perspective to Treatment, Controversies and Problem Solving. 1) Knee Anatomy. 2) Stiff Knee: Treatment Approaches. 3) Meniscal Repair: Simplified Surgical Approach. Steamboat Springs, Colorado, March 3-7, 1999.

The Zen of Orthopedic and Body MRI and CT - The Whole Thing. 1) Shoulder Arthroscopic and MR Anatomy. 2) Misc. Elbow Disorders and Elbow Management. Cincinnati, Ohio, October 16, 1999.

APTA Team Concept Meeting. Surgical Intervention for Partial Thickness Rotator Lesions in the Throwing Athlete. Cincinnati, Ohio, October 22, 1999.

HealthSouth Educational Symposium. Shoulder Pain in the Workplace. Cincinnati, Ohio, January 29, 2000.

AAOS/AOSSM Comprehensive Sports Medicine: An Athletic Perspective to Treatment, Controversies and Problem Solving. 1) Knee Anatomy. 2) Inside-Out Technique: Simplified Surgical Approach. 3) Stiff Knee: Treatment Approaches. Phoenix, Arizona, February 3-6, 2000.

AAOS Annual Meeting. Reconstruction for the Unstable Shoulder. Orlando, Florida, March 15-19, 2000.

AOSSM Annual Meeting. Patient Selection and Closing Wedge Technique. Sun Valley, Idaho, June 18-21, 2000.

University of Vermont Sports Medicine Conference: Current Concepts in the Treatment and Rehabilitation of Sports Injuries. 1) A Prospective Study of the Relationship of Neuromuscular Training to Injury in Female Athletes. 2) MDI of the Shoulder: Open Surgical Techniques. 3) The Stiff and Painful Knee: RSD and Arthrofibrosis. 4) Effects of Estrogen on the ACL. Burlington, Vermont, September 28-29, 2000.

AAOS/AOSSM Comprehensive Sports Medicine: An Athletic Perspective to Treatment, Controversies and Problem Solving. 1) The Problem: Incidence. 2) Lower Extremity Injury Prevention Training Programs. 3) Knee Anatomy. 4) Meniscal Repair: Inside-Out Technique: Surgical Approaches and Suture Technique. 5) The Stiff Knee. Lake Tahoe, Nevada, January 31-March 4, 2001.

20th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Review of Shoulder Anatomy. 2) Current Concepts in the Treatment of Impingement Problems. 3) Use of Mini-Open for Rotator Cuff Repairs. 4) Basic Elbow Anatomy and Arthroscopy. 5) Bankhart Repair and Open Treatment of Shoulder Instability. 6) Comprehensive Examination of the Shoulder - Hands on Demonstration. 7) What's New in Shoulder and Elbow Surgery? - Panelist. Hilton Head Island, South Carolina, May 29 - June 1, 2005.

21st Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Review of Shoulder Anatomy. 2) Current Concepts in the Treatment of Impingement Problems. 3) Rotator Cuff Repair: Role of Mini-Open. 4) Basic Elbow Anatomy and Arthroscopy. 5) Bankhart Repair and Open Treatment of Shoulder Instability. 6) Comprehensive Examination of the Shoulder - Hands on Demonstration. 7) What's New in Shoulder and Elbow Surgery? - Panelist. Hilton Head Island, South Carolina, May 28-31, 2006.

AOSSM Education Committee Pre-Conference Program: ACL Injury Outcome: Risk of DJD. Hershey, Pennsylvania, June 28, 2006.

University of Vermont Sports Medicine Conference: Prevention, Diagnosis, Treatment and Rehabilitation of Sports Injuries. 1) Variations of the Menstrual Cycle Do Not Influence Loading Patterns of the Knee or Hip: Implications for ACL Injuries. 2) The Effect of Neuromuscular Training on the Incidence of Knee Injury in Female Athletes. 3) Surgical Treatment of Arthrofibrosis of the Knee. 4) Procedure for Measuring Shoulder Rotation. 5) Material Properties of the Posterior Shoulder Capsule. 6) Treatment of Chronic Debilitating Epiphysitis of the Athletic Population. 7) Overuse Sports Injuries in Gymnastics. Burlington, Vermont, October 5-6, 2006.

22nd Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Review of Shoulder Anatomy. 2) Current Concepts in the Treatment of Impingement Problems. 3) Rotator Cuff Repair: Role of Mini-Open. 4) Basic Elbow Anatomy and Arthroscopy. 5) Bankhart Repair and Open Treatment of Shoulder Instability. 6) Comprehensive Examination of the Shoulder - Hands on Demonstration. 7) Arthroscopic Knot Tying and Suture Techniques - Panelist. 8)

Advances in Sports Medicine 2007. 9) Review of Knee Anatomy. Hilton Head Island, South Carolina, May 27-30, 2007.

23rd Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Review of Shoulder Anatomy. 2) Current Concepts in the Treatment of Impingement Problems. 3) Rotator Cuff Repair: Role of Mini-Open. 4) Basic Elbow Anatomy and Arthroscopy. 5) Open Treatment of Shoulder Instability Including Bankart Repair. 6) Comprehensive Examination of the Shoulder - Hands on Demonstration. 7) Arthroscopic Knot Tying and Suture Techniques - Panelist. 8) What's New in Shoulder and Elbow Surgery - Panelist. Hilton Head Island, South Carolina, May 25-28, 2008.

Team Concept Conference: 1) Socratic Debate: Early vs. Late Strengthening After Rotator Cuff Repair and 2) Diagnosis and Treatment Approaches for Traumatic vs. Atraumatic Shoulder Instability. Lake Buene Vista, Florida, December 5 – 6, 2008.

Fit to a T: What You Need to Know About Your Bone Health. Avery-Dennison Corporation, Hamilton, Ohio, February 18, 2009.

24th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Review of Shoulder Anatomy. 2) Subacromial Impingement in the Non-Thrower. 3) Open Rotator Cuff Repair and Managing the Irreparable Tear. 4) Review of Elbow Anatomy and Basic Arthroscopy. 5) Open Treatment of Shoulder Instability Including Bankart Repair. 6) Comprehensive Examination of the Shoulder - Hands on Demonstration. 7) Arthroscopic Knot Tying and Suture Techniques - Panelist. 8) What's New in Shoulder and Elbow Surgery - Panelist. Hilton Head Island, South Carolina, May 24-27, 2009.

Fit to T: What You Need to Know About Your Bone Health. Maple Knoll Village, Springdale, Ohio, August 14, 2009.

25th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Review of Shoulder Anatomy. 2) Subacromial Impingement in the Non-Thrower. 3) Open Rotator Cuff Repair and Managing the Irreparable Tear. 4) Review of Elbow Anatomy and Basic Arthroscopy. 5) Open Treatment of Shoulder Instability Including Bankart Repair. 6) Comprehensive Examination of the Shoulder - Hands on Demonstration. 7) What's New in Shoulder Surgery and Rehabilitation - Panelist. Hilton Head Island, South Carolina, May 30 - June 2, 2010.

26th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Review of Shoulder Anatomy. 2) Controversies in Rotator Cuff Tear Treatment: A Case Based Approach - Panelist. 3) Review of Elbow Anatomy and Basic Arthroscopy. 5) Arthroscopic Knot Tying Lab - Hands on Demonstration. 6) Comprehensive Examination of the Shoulder - Hands on Demonstration. 7) Open Treatment of Shoulder Instability Including Bankart Repair 8) Advances in Hip Arthroscopy: Diagnosis and Surgical Considerations. Hilton Head Island, South Carolina, May 29 - June 1, 2011.

36th Annual Herodicus Society Meeting. A New Clinical Instrument for Measuring Shoulder Internal and External Rotation. Sun Valley, Idaho, June 18-21, 2011.

27th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Shoulder Anatomy: What You Need to Know. 2) Controversies in the Management of Biceps/SLAP Injuries: Presentation of Cases to the Expert Panel - Panelist. 3) Controversies in Rotator Cuff

Tear Treatment: Presentation of Cases to the Expert Panel - Moderator. 4) New Trends in Rehabilitation Following Rotator Cuff Repair: Presentation of Cases to the Expert Panel - Panelist. 5) Shoulder Injection Techniques. 6) Review of Elbow Anatomy and Basic Arthroscopy. 7) Comprehensive Examination of the Shoulder - Hands on Demonstration. Hilton Head Island, South Carolina, May 27-30, 2012.

28th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Shoulder Anatomy: What You Need to Know. 2) Controversies in the Management of Biceps/SLAP Injuries: Presentation of Cases to the Expert Panel - Panelist. 3) Controversies in Rotator Cuff Tear Treatment: Presentation of Cases to the Expert Panel - Moderator. 4) New Trends in Rehabilitation Following Rotator Cuff Repair: Presentation of Cases to the Expert Panel - Panelist. 5) Shoulder Injection Techniques. 6) Advances in the Treatment of Shoulder Instability: Presentation of Cases to the Expert Panel - Panelist. 7) Review of Elbow Anatomy and Basic Arthroscopy. 8) Comprehensive Examination of the Shoulder - Hands on Demonstration. Hilton Head Island, South Carolina, May 26-29, 2013.

29th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Shoulder Anatomy: What You Need to Know. 2) Socratic Debate: GIRD in the Thrower's Shoulder: It's Important - It's Not Important. 3) Operative and Non-Operative Treatment of Rotator Cuff Tears: Presentation of Cases to the Expert Panel - Panelist. 4) Comprehensive Examination of the Shoulder - Hands on Demonstration. 5) Shoulder Injection Techniques. 6) Elbow Anatomy and Basic Arthroscopy. Hilton Head Island, South Carolina, May 25-28, 2014.

30th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Shoulder Anatomy: What You Need to Know. 2) SLAP Tears - Shouldn't We Tenodeses Them All? - Panelist 3) Shoulder Instability: Presentation of Cases to the Expert Panel - Panelist. 4) Comprehensive Examination of the Shoulder - Hands on Demonstration. 5) Shoulder Injection Techniques. 6) Controversies in the Shoulder: Presentation of Cases and Discussion with the Expert Panel - Panelist 7) Elbow Anatomy and Basic Arthroscopy. Hilton Head Island, South Carolina, May 24-27, 2015.

31st Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Shoulder Anatomy: What You Need to Know. 2) The Rotator Cuff: Case Based Symposium – Panelist. 3) Comprehensive Examination of the Shoulder - Hands on Demonstration. 4) Role of Ultrasound: Diagnosis of Sports Medicine Injuries and Injection Techniques – Panelist. 5) Elbow Anatomy and Basic Arthroscopy. Hilton Head Island, South Carolina, May 28-31, 2016.

32nd Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Shoulder Anatomy: What You Need to Know. 2) Treatment of the Overhead Athlete: Case Based Symposium – Panelist. 3) The Rotator Cuff: Case Based Symposium – Panelist. 4) Comprehensive Examination of the Shoulder – Hands on Demonstration. 5) Elbow Anatomy and Basic Arthroscopy. Hilton Head Island, South Carolina, May 27-30, 2017.

33rd Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Shoulder Anatomy Review – What You Need to Know. 2) Treatment of the Overhead Athlete: Case Based Symposium – Panelist. 3) Treatment of Massive Rotator Cuff Tears: Case Based Symposium – Panelist. 4) Comprehensive Examination of the Shoulder – Hands on

Demonstration. 5) Problem Shoulder Cases: What is the Best Treatment – Panelist. 6) Treatment of Shoulder Instability: Case Based Symposium – Panelist. 7) Elbow Anatomy and Basic Arthroscopy. Hilton Head Island, South Carolina, May 26-29, 2018.

34th Annual Advances on the Knee, Shoulder and Sports Medicine Conference. 1) Shoulder Anatomy Review – What You Need to Know. Treatment of the Overhead Athlete: Case Based Symposium – Panelist. 3) Treatment of Partial and Massive Rotator Cuff Tears: Case Based Symposium – Panelist. 4) Comprehensive Examination of the Shoulder – Hands on Demonstration. 5) Elbow Anatomy and Basic Arthroscopy. Hilton Head Island, South Carolina, May 25-28, 2019.

revised 1/24/20