



Advanced Orthopedic
.....
& Sports Medicine Specialists

James D. Ferrari, MD

Work Experience

- 2001-Present Advanced Orthopedic and Sports Medicine Specialists
Denver, CO
- Clinical Professor of Orthopedic Surgery
University of Colorado Health Science Center – Denver, CO
- 1998-2001 Denver Health Medical Center, Director of Sports Medicine
Denver, CO
- Assistant Professor of Orthopedic Surgery
University of Colorado Health Science Center – Denver, CO

Boards

- Board Certified – American Board of Orthopedic Surgeons
- Subspecialty Certificate of Additional Qualification in
Orthopedic Sports Medicine
- Level II Workman’s Compensation Certified

Education

Fellowship

- 1997-1998 Rush-Presbyterian-St. Luke’s Medical Center
Sports Medicine Fellowship
Chicago, IL

Residency

- 1993-1997 University of Connecticut Coordinated Program
Orthopedic Surgery
Farmington, CT

Internship

- 1992-1993 University of Connecticut Coordinated Program
General Surgery
Farmington, CT

Medical School

1988-1992 University of Massachusetts Medical School
Worcester, MA
Graduated with Honors
Thesis: Posterior Ossification of the Shoulder: The Bennett Lesion,
Etiology, Diagnosis and Treatment

Under Graduate

1982-1986 Amherst College – Amherst, MA
Graduated Cum Laude, Biology
Thesis: The Derivation of Useful Monoclonal Antibodies
Using Lipopolysaccharide Stimulation

Professional Affiliations

American Academy of Orthopedic Surgeons Fellow

American Orthopedic Society of Sports Medicine

Arthroscopy Association of North America

Review Boards and Consulting

July 2003 – Present Editorial Board Member, *The Journal of Knee Surgery*

2001 – 2002 Consultant, Alphatec Manufacturing Corporation, Carlsbad, California

1999 – 2010 State of Colorado Fund Raising Volunteer, Orthopaedic Research and Education Foundation

1996 – 1998 Reviewer, Williams & Wilkins Publishing Company

1997 – Present Reviewer, Arthroscopy. The Journal of Arthroscopic and Related Surgery

1997 Section Editor, Orthopaedic Grand Rounds Arthroscopy CD-ROM, American Academy of Orthopaedic Surgeons

Committees

2012 – Present Board Member, Hampden Surgery Center

2008 – 2010 Board Member, Lincoln Surgery Center

2007 – Present Medical Advisory Committee, Lowry Surgery Center

1998 – 2001 American Academy of Orthopaedic Surgeons Knee Injury Work Study Group

- 1998 – 2002 Aequalis Shoulder Study Group
- 1998 – 2001 University of Colorado Orthopaedic Program Resident
Selection Committee
- 1999 – 2001 University of Colorado Orthopaedic Program Research Committee

Course Faculty

- 2002 Associate Master Instructor, Arthroscopy Association of North America
Fall Course, Palm Desert, California, November 17-20, 2002.
- 2002 Instructor and Lecturer, American Academy of Orthopaedic Surgeons
Meeting: Surgical Treatment of Complex Knee Ligament, Patellofemoral,
and Articular Cartilage Disorders, Rosemont, Illinois, April 12-14, 2002.
- 2001 Associate Master Instructor, Arthroscopy Association of North America
Advanced Shoulder Course, November 16-18, 2001.
- 2001 Instructor and Lecturer, American Academy of Orthopaedic Surgeons
Meeting: Complex Knee Problems: Surgery for the Active Knee,
Rosemont, Illinois, July 27-29, 2001.
- 2001 Lecturer, Annual Chicago Arthroplasty Course, Rosemont, Illinois,
June 15-16, 2001.
- 2000 Lecturer, "Sports Medicine for the Primary Care Provider", Breckenridge,
Colorado, July 27-29, 2000.
- 2000 Lecturer, Annual Chicago Arthroplasty Course, Rosemont, Illinois,
April 1-2, 2000.
- 1999 Lecturer, "Surgical Management for Common Disorders of the Shoulder",
AAOS Learning Center, Rosemont, Illinois, December 11, 1999.
- 1999 Lecturer and Lab Instructor, "Open and Arthroscopic Surgery:
Approaches for the New Millenium", AAOS Learning Center, Rosemont,
Illinois, December 10-12, 1999.
- 1999 Associate Master Instructor, Arthroscopy Association of North America
Comprehensive Knee Course, Rosemont, Illinois, October 8-10, 1999.
- 1999 Associate Master Instructor, Arthroscopy Association of North America
Advanced Shoulder Course, Rosemont, Illinois, February 26-28, 1999.
- 1998 Associate Master Instructor, Arthroscopy Association of North America
Advanced Knee Course, Rosemont, Illinois, July 17-19, 1998.

- 1998 Instructor, Meniscal Allograft Transplantation Course, Orthopaedic Learning Center, Rosemont, Illinois, June 27, 1998.
- 1998 Associate Master Instructor, Arthroscopy Association of North America Advanced Shoulder Course, Rosemont, Illinois, February 13-15, 1998.
- 1997 Lab Instructor, American Academy of Orthopaedic Surgeons Arthroscopic and Open Shoulder Surgery Course, Rosemont, Illinois, December 5-7, 1997.

Awards

- 1995 Arthroscopy Association of North America - Mitek Surgical Products Scholarship, August 1995.

Athletic Team Coverage

- 1998-Present Orthopaedic Care Coordinator, Denver Public Schools
- 1997 – 1998 Team physician, Oak Park High School, Oak Park, Illinois
- 1995 – 1996 Team physician, Kingswood-Oxford School football team

Research

- 1986-1988 Head Hybridoma Technician, Department of Immunology and Rheumatology, Brigham & Women's Hospital, Boston, Massachusetts, 1986-1988. K. Frank Austin, M.D., Department Chairman.

Grants

- 2001 American Orthopaedic Society for Sports Medicine First Time Investigator Grant: The Role of the Iliotibial Band and Biceps Femoris in Controlling Abnormal Varus and External Rotation in the Knee: A Biomechanical Study. \$19,000. Awarded February 23, 2001

Publications

- 2001 Ferrari JD. Percutaneous Pinning of Proximal Humerus Fractures. Operative Techniques in Orthopaedics 2001; 11:233-242.
- 2001 Ferrari JD, Bach BR, Jr., Bush-Joseph CA, Wang T, Bojchuk J. ACL Reconstruction in Men and Women: An Outcome Analysis Comparing Gender. Arthroscopy 2001;17(6): 588-596.

- 2001 Mickelsen PL, Morgan SJ, Johnson WA, Ferrari JD. Patellar tendon rupture 3 years after anterior cruciate ligament reconstruction with a central one third bone-patellar tendon-bone graft. *Arthroscopy* 2001;17(6): 648-652.
- 2000 Meyers T, Smith W, Ferrari JD, Morgan S, Fanciose R, Echeverri JA. "Avulsion of the Pubic Branch of the Inferior Epigastric Artery: A Cause of Hemodynamic Instability in Minimally Displaced Fractures of the Pubic The Rami", *Journal of Trauma, Injury, Infection, and Critical Care*, 49: 750-753, 2000.
- 2000 Wexler G, Bach BR, Jr., Bush-Joseph CA, Smink D, Ferrari JD, Bojchuk J. Outcomes of ACL Reconstruction in Patients with Worker's Compensation Claims. *Arthroscopy* 16:49-58, 2000.
- 1999 Ferrari JD, Bach BR Jr. Posterolateral instability of the knee: Diagnosis and treatment of acute and chronic instabilities. *Sports Medicine and Arthroscopy Review* 7(4): 273-288, 1999.
- 1999 Ferrari JD, Bush-Joseph CA, Bach BR, Jr. Anterior Cruciate Ligament Reconstruction Using Bone-Patellar Tendon -Bone Grafts. Endoscopic Autograft and Allograft Techniques and Two-Incision Autograft Technique. *Operative Techniques in Sports Medicine*. 7:156-171, 1999.
- 1998 Ferrari JD, Bush-Joseph CA, Bach BR, Jr. Endoscopic anterior cruciate ligament reconstruction with patellar tendon autograft: Surgical technique. *Techniques in Orthopaedics*. 1998; 13(3): 262-274.
- 1998 Ferrari JD, Bush-Joseph CA, Bach BR, Jr. Arthroscopic assisted ACL reconstruction using patellar tendon autograft substitution - Two-incision technique. *Techniques in Orthopaedics*. 1998; 13(3): 242-252.
- 1998 Ferrari JD, Bach BR, Jr. Bone graft procurement for patellar defect grafting in anterior cruciate ligament reconstruction. *Arthroscopy*. 1998; 14: 543-545.
- 1998 Ferrari JD, Bach BR Jr. Knee pain in adults: When to manage, when to refer. *J Musculoskeletal Medicine*. 1998; 15: 52-63.
- 1997 Ferrari JD, Miranda MA. Operative treatment of patella fractures. *Techniques in Orthopaedics*. 1997; 12(3): 210-219.
- 1994 Ferrari DA, Ferrari JD, Coumas J. Posterolateral instability of the knee. *J Bone J Surg (Br)* 1994; 76-B: 187-192.

- 1994 Ferrari JD, Ferrari DA, Coumas J, Pappas AM. Posterior ossification of the shoulder: The Bennett lesion. Etiology, diagnosis, and treatment. *Am J Sports Med* 1994; 22: 171-176.
- 1991 Ferrari JD, Ferrari DA. The Semitendinosus: Anatomic Considerations in Tendon Harvesting. *Orthopaedic Review* 1991; XX: 1085-1088.

Submissions

Ferrari JD, Turco VJ. Coalitions of the Posterior Facet of the Talocalcaneal Joint: An Unrecognized Cause of Hindfoot Pain. Submitted to *The Journal of Bone and Joint Surgery, American volume*.

Ferrari JD, DeLuca PA, Davis RB, Romness MA, Ounpuu S. Treatment of Torsional Malalignment in Cerebral Palsy with Ipsilateral Femoral and Tibial Derotational Osteotomies: Results Using Gait Analysis. Submitted to *The Journal of Pediatric Orthopaedics*.

Book Chapters

- 2002 Ferrari JD. Chapter 4. Associated Injuries. In *Multiple Ligamentous Injuries of the Knee in the Athlete*, pp. 31-42, ed. Schenck RC, Jr. American Academy of Orthopaedic Surgeons, Rosemont, Illinois, 2002.
- 2001 Ferrari JD, Bach BR, Jr. Chapter 88. Isolated Anterior Cruciate Ligament Injury. In *Chapman's Operative Orthopaedics, Third Edition, Volume 3*, pp. 2347-2392, ed. Chapman MW. Lippincott-Raven, Inc., Philadelphia, PA, 2001.

Presentations

- 2000 Wade R. Smith, MD; Laura A. Caton, MD; Bruce Ziran, MD; Steven J. Morgan, MD; James D. Ferrari, MD "Efficacy of Composite Allograft and Demineralized Bone Matrix in the Treatment of High Energy Tibial Plateau Fractures with Extensive Bone Loss". Orthopaedic Trauma Association Annual meeting San Antonio, TX. October 2000
- 2000 A Davis K. Hurley, MD; Steven J Morgan, MD; Timothy Meyers, MD; Wade R. Smith, MD; James D. Ferrari, MD; Frederick N. Meyer, MD. Retrograde Femoral Nailing: An Understanding Of The Intercondylar Insertion Site. Presented at the Western Orthopaedic Association Annual Meeting Phoenix, Arizona October 21 - 25, 2000
- 1999 Ferrari JD, Bach BR, Jr., Bush-Joseph CA, Wang T, Bojchuk J. Outcome Analysis of the Effect of Gender in Arthroscopic-Assisted and Endoscopic Anterior Cruciate Ligament Reconstruction. Presented at The Arthroscopy Association of North America's Annual Meeting, April 18, 1999, Vancouver, British Columbia, Canada.

- 1999 Ferrari JD, Wexler G, Bach BR, Jr., Bush-Joseph CA, Smink D, Bojchuk J. Outcomes of ACL Reconstruction in Patients with Worker's Compensation Claims. Presented at the American Academy of Orthopaedic Surgeon's Annual Meeting, February 5, 1999, Anaheim, California.
- 1998 Ferrari JD, Bach BR, Jr., Bush-Joseph CA, Wang T, Bojchuk J. Outcome Analysis of the Effect of Gender in Arthroscopic-Assisted and Endoscopic Anterior Cruciate Ligament Reconstruction. Presented at The Residents and Fellows Arthroscopy Conference, Scottsdale, Arizona, April 19, 1998.
- 1997 Ferrari JD, Turco VJ. Coalitions of the Posterior Facet of the Talocalcaneal Joint: An Unrecognized Cause of Hindfoot Pain. Presented at The American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, California, February 14, 1997.
- 1996 Ferrari JD, DeLuca PA, Davis RB, Romness MA, Ounpuu S. Treatment of Torsional Malalignment in Cerebral Palsy with Ipsilateral Femoral and Tibial Derotational Osteotomies: Results Using Gait Analysis. Presented at The American Academy of Orthopaedic Surgeons Annual Meeting, Atlanta, Georgia, February 23, 1996.
- 1992 Ferrari JD, Ferrari DA, Coumas J, Pappas AM. Posterior Ossification of the Shoulder: The Bennett Lesion. Etiology, Diagnosis, and Treatment. Presented at the 18th Annual Meeting of the AOSSM, San Diego, California, 1992.

Poster Exhibits

- 2001 Davis K. Hurley, MD; Steven J Morgan, MD; Timothy Meyers, MD; Wade R. Smith, MD; James D. Ferrari, MD; Frederick N. Meyer, MD. Retrograde Femoral Nailing: An Understanding of the Intercondylar Insertion Site. American Academy of Orthopaedic Surgeons Meeting, San Francisco, California, February 28 - March 4, 2001
- 2000 Steven J Morgan, MD; Kim Furry, MD; James D. Ferrari, MD; Jennifer Kummer, BA; Wade R. Smith, MD; Frederick N. Meyer, MD. Deltoid Muscle Insertion: An Anatomic Description. Western Orthopaedic Association Annual Meeting, Phoenix, Arizona, October 21 - 25, 2000
- 1999 Smink D, Wexler G, Bach BR, Jr., Bush-Joseph CA, Ferrari JD, Bojchuk J. Outcomes of ACL Reconstruction in Patients with Worker's Compensation Claims. Exhibited at the American Academy of Orthopaedic Surgeon's Annual Meeting, February 6, 1999, Anaheim, CA.

1999 Ferrari JD, Bach BR, Jr., Bush-Joseph CA, Wang T, Bojchuk J. Outcome Analysis of the Effect of Gender in Arthroscopic-Assisted and Endoscopic Anterior Cruciate Ligament Reconstruction. Exhibited at the American Academy of Orthopaedic Surgeon's Annual Meeting, February 5, 1999, Anaheim, CA.

Instructional Course Lectures

- 2005 **Arthroscopic Shoulder Reconstruction: Labral Repair, SLAP Repair, and Capsular Shift.** Given at the Arthrex Surgical Skills Training Center, Scottsdale, Arizona, August 20, 2005.
- 2005 **Complications and Pitfalls of Hemiarthroplasty of the Shoulder.** Given at the Presbyterian-St. Lukes's Tornier Rocky Mountain Shoulder Arthroplasty Course, Denver, Colorado, March 4, 2005.
- 2003 **Shoulder Hemiarthroplasty with the Arthrex Uniers Fracture Prosthesis.** Given at the Arthrex Surgical Skills Training Center, Scottsdale, Arizona, March 22, 2003.
- 2002 **Patellofemoral Instability Problems: Treatment and Outcomes.** Given at American Academy of Orthopaedic Surgeons Meeting: Surgical Treatment of Complex Knee Ligament, Patellofemoral, and Articular Cartilage Disorders, Rosemont, Illinois, April 14, 2002.
- 2002 **Treatment Options for Posterolateral Corner Injuries.** Given at American Academy of Orthopaedic Surgeons Meeting: Surgical Treatment of Complex Knee Ligament, Patellofemoral, and Articular Cartilage Disorders, Rosemont, Illinois, April 13, 2002.
- 2002 **Quadriceps Tendon Harvest.** Given at American Academy of Orthopaedic Surgeons Meeting: Surgical Treatment of Complex Knee Ligament, Patellofemoral, and Articular Cartilage Disorders, Rosemont, Illinois, April 12, 2002.
- 2001 **Anteromedialization of the Tibial Tubercle.** Given at American Academy of Orthopaedic Surgeons Meeting: Complex Knee Problems: Surgery for the Active Knee, Rosemont, Illinois, July 28, 2001.
- 2001 **Postoperative Management and Complications of Hemiarthroplasty for Proximal Humerus Fractures.** Given at The Annual Chicago Shoulder Arthroplasty Course, Orthopedic Learning Center, Rosemont, Illinois, June 16, 2001.
- 2001 **When is Glenoid Replacement Necessary?** Given at The Annual Chicago Shoulder Arthroplasty Course, Orthopedic Learning Center, Rosemont, Illinois, June 15, 2001.

- 2000 **Multiple Ligament Knee Injuries. The "Dislocated" Knee.** Given at the Rocky Mountain Chapter of the Western Orthopaedic Society, Steamboat Springs, Colorado, August 3, 2000.
- 2000 **Shoulder Injuries and Common Shoulder Problems.** Given at Sports Medicine for the Primary Care Provider, Breckenridge, Colorado, July 28, 2000.
- 2000 **The Shoulder Exam.** Given at Sports Medicine for the Primary Care Provider, Breckenridge, Colorado, July 27 and 28, 2000.
- 2000 **Early Experience with Acute Repair and Chronic Reconstruction of Posterolateral Instability of the Knee.** Given at University of Connecticut Orthopaedic Residency Graduation, June 2, 2000, Farmington, Connecticut.
- 2000 **Postoperative Management and Complications of Hemiarthroplasty for Proximal Humerus Fractures.** Given at The Annual Chicago Shoulder Arthroplasty Course, Orthopedic Learning Center, Rosemont, Illinois, April 2, 2000.
- 2000 **When is Glenoid Replacement Necessary?** Given at The Annual Chicago Shoulder Arthroplasty Course, Orthopedic Learning Center, Rosemont, Illinois, April 1, 2000.
- 1999 **Acromioclavicular Joint Separations and Distal Third Clavicle Fractures.** Given at "Open and Arthroscopic Surgery: Approaches for the New Millenium", AAOS Learning Center, Rosemont, Illinois, December 12, 1999.
- 1999 **Acromioclavicular Joint Separations and Distal Third Clavicle Fractures.** Given at "Surgical Management for Common Disorders of the Shoulder", AAOS Learning Center, Rosemont, Illinois, December 11, 1999.
- Grand Rounds**
- 2001 ***Multiple Ligament Knee Injuries. The "Dislocated" Knee.*** Given at the Multidisciplinary Trauma Conference, Denver Health Medical Center, April 18, 2001.
- 1999 Biomechanics of Fractures, Biomechanics of Fracture Fixation, and Biomechanics of Fracture Healing. ***Given at 1st Annual Sports Medicine Basic Science Conference, Aspen, Colorado, September 11, 1999.***

- 1999 ***Emergency Room Treatment of Shoulder Injuries.*** Given at Emergency Department Grand Rounds, Denver Health Medical Center, August 17, 1999.
- 1999 ***Common Shoulder Problems – Diagnosis and Treatment.*** Given at Rheumatology Grand Rounds, University of Colorado Health Science Center, May 11, 1999.
- 1999 ***Knee Injuries - When to Refer.*** Given at Mt. San Rafael Hospital, Trinidad, Colorado, February 24, 1999.
- 1998 ***Bone-Patellar Tendon-Bone Vs. Hamstring Tendons for ACL Reconstruction.*** Given at The University of Colorado Health Science Center Orthopaedic Grand Rounds, November 18, 1998.
- 1998 ***Meniscal Allografts.*** Given at Rush-Presbyterian-St. Luke's Medical Center Sports Medicine Conference, March, 1998.
- 1997 ***Posterior Cruciate Ligament Injuries: Current Concepts and Evolving Strategies.*** Given at Rush-Presbyterian-St. Luke's Medical Center Sports Medicine Conference, November, 1997.
- 1997 ***Neurologic Injuries About the Shoulder.*** Given at Rush-Presbyterian-St. Luke's Medical Center Sports Medicine Conference, October, 1997.
- 1997 ***Anatomic and Physiologic Constraints to Shoulder Instability.*** Given at University of Connecticut Orthopaedic Basic Science Conference, April, 1997.
- 1997 ***Current Concepts in Tibia Fracture Management.*** Given at University of Connecticut Orthopaedic Basic Science Conference, January, 1997.
- 1996 ***Evaluation and Management of Talus Fractures.*** Given at University of Connecticut Orthopaedic Basic Science Conference, November, 1996.
- 1996 ***The Diagnosis and Treatment of Posterolateral Instability of the Knee.*** Given at University of Connecticut Orthopaedic Basic Science Conference, September, 1996.
- 1996 ***Hip Fractures in Children.*** Given at University of Connecticut Orthopaedic Basic Science Conference, January, 1996.

Continuing Medical Education Hours

- 1998 Arthroscopy Association of North America (AANA) Advanced Shoulder Course Rosemont, Illinois, February 13-15, 1998 - 18.5 hours
- AANA Knee Course, Rosemont, Illinois, July 17-19, 1998 - 18.5 hours
- AANA Specialty Day, New Orleans, Louisiana, March 22, 1998 - 7.5

hours

American Orthopaedic Society for Sports Medicine (AOSSM) Specialty Day, New Orleans, Louisiana, March 22, 1998 - 7.75 hours

American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, New Orleans, Louisiana, March 19-24, 1998 - 28.5 hours

AAOS Instructional Course Lectures (ICLs): CPT Coding - 2 hours

Database Management - 2 hours

Posterolateral Knee Instability - 2 hours

Posterior Cruciate Ligament Injury - 2 hours

American Shoulder and Elbow Society (ASES) Specialty Day, New Orleans, Louisiana, March 22, 1998 - 7.5 hours

AOSSM Annual Meeting, Vancouver, British Columbia, Canada, July 12-15, 1998 - 14 hours

AOSSM ICLs: Statistics - 1.5 hours

Shoulder Injuries in the Throwing Athlete - 1.5 hours

Knee Dislocations - 1.5 hours

Total Hours 1998: 114.5 hours

1999

Zimmer Trauma Upper Extremity Course, Vail, Colorado, January 14-17, 1999 - 13 hours

AAOS Annual Meeting, Anaheim, California, February 4-8, 1999 - 28.5 hours

Academy ICLs: AC Joint Reconstruction - 2 hours

Complex Knee Ligament Injuries - 2 hours

AOSSM Specialty Day, February 7, 1999 - 7.75 hours

AANA Specialty Day, February 7, 1999 - 7.25 hours

AANA Advanced Shoulder Course, Rosemont, Illinois, February 26-28, 1999 - 18.5 hours

AANA Annual Meeting, Vancouver, British Columbia, Canada, April 16-18, 1999 - 16.5 hours

AANA Instructional Course, Computers in Orthopaedics, April 16, 1999 - 1.5 hours

AOSSM Annual Meeting, Traverse City, Michigan, June 19-22, 1999 - 15 hours

1st Annual Sports Medicine Basic Science Conference, Aspen, Colorado, September 10-11, 1999 - 6 hours

AANA Comprehensive Knee Course, Rosemont, Illinois, October 8-10, 1999 - 19.5 hours

AAOS Open and Arthroscopic Shoulder Surgery Course, Rosemont, Illinois, December 10-12, 1999 - 21 hours

Total Hours 1999: 158.5 hours

2000

American Academy of Orthopaedic Surgeons Annual Meeting, Orlando, Florida, March 15-19, 2000 - 24.5 hours

Arthroscopy Association of North America Specialty Day, Orlando, Florida, March 18, 2000 - 7 hours

American Orthopaedic Society for Sports Medicine Specialty Day, Orlando, Florida, March 18, 2000 - 7 hours

- Annual Chicago Arthroplasty Course, Rosemont, Illinois, April 1-2, 2000
- 12 hours
American Orthopaedic Society for Sports Medicine Annual Meeting, Sun Valley, Idaho, June 18-21, 2000 - 13.5 hours
Rocky Mountain Chapter of the Western Orthopaedic Society Annual Meeting, Steamboat Springs, Colorado, August 3-4, 2000 - 8 hours
Total Hours 2000: 72.0 hours
- 2001 Annual Chicago Arthroplasty Course, Rosemont, Illinois, June 15-16, 2001 - 12 hours
American Orthopaedic Society for Sports Medicine Annual Meeting, Keystone, Colorado, June 28-July 1, 2001 – 16 hours
American Academy of Orthopaedic Surgeons Meeting: Complex Knee Problems: Surgery for the Active Knee, July 27-29, 2001, Rosemont, Illinois – 23 hours
AANA Advanced Shoulder Course, Rosemont, Illinois, November 16-18, 2001 - 18.5 hours
Total Hours 2001: 69.5 hours
- 2002 American Academy of Orthopaedic Surgeons Meeting: Surgical Treatment of Complex Knee Ligament, Patellofemoral, and Articular Cartilage Disorders, Rosemont, Illinois, April 14, 2002. – 22 hours
University of Colorado School of Medicine Level II Accreditation Workman’s Compensation Course, April 26-27, 2002 – 14 hours
American Orthopaedic Society for Sports Medicine Annual Meeting, Lake Buena Vista, Florida, June 30 – July 3, 2002 – 14 hours
Arthroscopy Association of North America Fall Course, Palm Desert, California, November 17-20 – 12 hours
Total Hours 2002: 62 hours
- 2003 American Orthopaedic Society for Sports Medicine Annual Meeting, San Diego, California, July 20-23 – 14 hours
Total Hours 2003: 14 hours
- 2004 Symposium on Treatment of Complex Shoulder Problems, Tampa, Florida, January 15-17 – 20 hours
American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, CA, March 10-14 – 24 hours
Arthroscopy Association of North America Specialty Day, San Francisco, CA, March 13 – 7 hours
American Orthopaedic Society for Sports Medicine Specialty Day, San Francisco, CA, March 13 – 7 hours
Total Hours 2004: 58 hours
- 2005 American Orthopaedic Society for Sports Medicine Annual Meeting, Keystone, Colorado, July 14-17 – 14 hours
Arthroscopy Association of North America 24th Annual Fall Course, Phoenix, Arizona December 1-3 – 13 hours

Total Hours 2005: 27 hours

2006 State of Colorado Level II Re-Accreditation Workmen's Compensation Course, On-Line – 14 hours

Total Hours 2006: 14 hours

2007 American Orthopaedic Society for Sports Medicine Annual Meeting, Calgary, Alberta, Canada, July 12-15 – 14 hours
Instructional Course Lecture 206, The Throwing Athlete, at the American Orthopaedic Society for Sports Medicine Annual Meeting, Calgary, Alberta, Canada, July 13, 2007 – 1.5 hours
American Academy of Orthopaedic Surgeons Board Maintenance of Certification Preparation and Review #3124, La Jolla, California, November 9-11, 2007 – 23 hours
American Academy of Orthopaedic Surgeons Board Maintenance of Certification Preparation and Review #3124 Pre and Post Test, La Jolla, California, November 9-11, 2007 – 4 hours
American Academy of Orthopaedic Surgeons 2004 Sports Medicine Self Assessment Examination – 10 hours
American Academy of Orthopaedic Surgeons 2005 Upper Extremity Self Assessment Examination – 15 hours
Total Hours: 67.5 hours

2008 American Academy of Orthopaedic Surgeons Annual Meeting, San Francisco, California, March 5-9, 2008 – 31 hours

Arthroscopy Association of North America Specialty Day, March 8, 2008, San Francisco, California – 3 hours

American Orthopaedic Society for Sports Medicine Specialty Day, March 8, 2008, San Francisco, California – 3 hours

American Shoulder and Elbow Surgeons Specialty Day, March 8, 2008, San Francisco, California – 4 hours

The American Orthopaedic Society for Sports Medicine Annual Meeting, Orlando, Florida, July 10-13 – 14 hours

2007 Sports Medicine Examination Scored & Recorded, September 7 – 10 hours

2008 Upper Extremity Examination Scored & Recorded, September 8 – 15 hours

Arthroscopy Association of North America Annual Fall Meeting, Scottsdale, Arizona, November 20 – 4 hours

State of Colorado Level II Re-Accreditation Workmen's Compensation Course, On-Line – 14 hours

Total Hours 2008 – 98 hours

- 2009 American Orthopaedic Society for Sports Medicine Annual Meeting, July 9-12, Keystone, CO – 15 hours
- American Orthopaedic Society for Sports Medicine 2008 Self-Assessment Exam, October 25 – 12 hours
- Subspecialty Certificate in Orthopaedic Sports Medicine, November 5, 2009 – 25 hours

Total Hours 2009 – 52 hours

- 2010 Orthopaedic Knowledge Update Self-Study and Orthopaedic Self-Assessment Exam Scored and Recorded, February 2, 2010 – 70 hours
- 2010 AAOS Scored and Recorded Sports Medicine Self-Assessment Exam - 10 hours
- Recertification for American Board of Orthopaedic Surgery – 25 hours

Total Hours 2010 – 105 hours

- 2011 Failure to Communicate – Pearls in Clinician Patient Communication by COPIC. Littleton Hospital, Littleton, Colorado, February 1, 2011 – 1 hour
- Arthroscopy Association of North America Annual Meeting, San Francisco, California, April 13-17 – 15.5 hours
- State of Colorado Workman’s Compensation Level II Reaccreditation On-Line Course – 16 hours

Total Hours 2011 – 32.5 hours

- 2012 COPIC Colorado Open Claims Meeting, June 21, 2012 – 6 hours
- AAOS Upper Extremity Scored and Recorded Self-Assessment Examination 2011 – 15 hours

Total Hours 2012 – 21 hours

- 2013 CPOE Training, Littleton Hospital, January 21, 2013 – 3 hours
- American Orthopedic Society for Sports Medicine Annual Meeting, Chicago, Illinois, July 11-14 – 13.5 hours
- AAOS Orthopedic Self-Assessment Examination – 20 hours

AAOS Orthopedic Knowledge Update Home Study Syllabus – 50 hours

AANA Fall Meeting, Las Vegas Nevada, November 7, 2013 – 4 hours

Total Hours 2013 – 90.5 hours

2014

Level II ReAccreditation Seminar, The University of Colorado School of Medicine, Denver, Colorado – 12.75 hours

Total Hours 2014 – 12.75 hours