

CURRICULUM VITAE  
**Mininder S. Kocher, M.D, M.P.H.**

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**EDUCATION**

<i>McQuaid Jesuit High School</i> Rochester, New York			September 1981 - June 1985
<i>Dartmouth College</i> Hanover, New Hampshire	A.B.	(Biology & Psychology)	September 1985 - June 1989
<i>Duke University School of Medicine</i> Durham, North Carolina	M.D.		August 1989 - May 1993
<i>Harvard School of Public Health</i> Boston, Massachusetts	M.P.H.	(Clinical Epidemiology)	January 1999 - August 1999 September 2000 – January 2001

**GRADUATE MEDICAL EDUCATION**

**Internship and Residency:**

<i>General Surgery Internship</i> Beth Israel Hospital, Harvard Medical School Boston, Massachusetts			July 1993 - June 1994 William T. Silen, MD director
<i>Harvard Combined Orthopaedic Surgery Residency Program</i> Massachusetts General Hospital, Brigham & Women's Hospital Children's Hospital, Beth Israel Hospital Boston, Massachusetts			July 1994 - June 1998 Henry J. Mankin, MD director

**Clinical Fellowships:**

<i>Pediatric Orthopaedics: Chief Residency &amp; Fellowship</i> Children's Hospital, Harvard Medical School Boston, Massachusetts			January 1998 - July 1999 James R. Kasser, MD director
<i>Sports Medicine &amp; Arthroscopy Fellowship</i> Steadman Hawkins Clinic Vail, Colorado			August 1999 - July 2000 Richard J. Hawkins, MD director

**Research Fellowships:**

<i>Health Services Research Fellowship</i> American Academy of Orthopaedic Surgeons & Orthopaedic Research and Education Foundation Harvard School of Public Health Boston, Massachusetts			January 1999 - August 1999 September 2000 - January 2001 Matthew H. Liang, MD, MPH James R. Kasser, MD advisors
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## **LICENSURE/ BOARD CERTIFICATION**

1996- Massachusetts State Medical License (Registration Number 151662)  
1998 Part I (written): American Board of Orthopaedic Surgery  
1999- Colorado State Medical License (Registration Number 37721)  
2002 Part II (oral): American Board of Orthopaedic Surgery  
2002- American Board of Orthopaedic Surgery: Orthopaedic Surgery  
2009- American Board of Orthopaedic Surgery: Orthopaedic Sports Medicine

## **APPOINTMENTS**

### **Academic:**

1993-1994 Clinical Fellow in Surgery, Harvard Medical School, Boston, MA  
1994-1998 Clinical Fellow in Orthopaedic Surgery, Harvard Medical School, Boston, MA  
2000-2003 Instructor of Orthopaedic Surgery, Harvard Medical School, Boston, MA  
2003-2006 Assistant Professor of Orthopaedic Surgery, Harvard Medical School, Boston, MA  
2006- Associate Professor of Orthopaedic Surgery, Harvard Medical School, Boston, MA

### **Hospital:**

8/2000- Assistant in Orthopaedic Surgery, Department of Orthopaedic Surgery, Children's Hospital, Boston MA  
9/2004- Orthopaedic Surgeon, Department of Orthopaedic Surgery, Beth Israel Deaconess Medical Center, Boston MA  
2/2005- Associate Director, Division of Sports Medicine, Children's Hospital, Boston MA

## **HONORS AND AWARDS**

1985-1986 Varsity Letter: Basketball and Track & Field teams (1985-1986) (Dartmouth College)  
1985-1989 National Merit Scholarship (Dartmouth College)  
1985-1989 L.G. Balfour National Honor Society Scholarship (Dartmouth College)  
1985-1989 Rochester Teacher Association's Peter Castle Memorial Scholarship (Dartmouth College)  
1988-1989 Rufus Choate Scholar, John Jay National Scholar (Dartmouth College)  
1986-1989 Beta Theta Pi fraternity (Dartmouth College)  
1989 Phi Beta Kappa (Dartmouth College)  
1989 magna cum Laude (Dartmouth College)  
1989 Nathan Smith Society (Dartmouth College)  
1993 Glaxo Medical Student Research Award (Proprioception following anterior cruciate ligament reconstruction.) (Duke University School of Medicine)  
1994 Wilburt C. Davison Award for clinical excellence (Duke University School of Medicine)  
1994 25<sup>th</sup> Annual Harris S. Yett Award for clinical excellence in Orthopedics (Harvard Combined Orthopaedic Program)  
1997 Smith & Nephew Resident Research Award (Osteoarticular Allograft Reconstruction of the Distal Radius after Skeletal Tumor Excision.)  
1997 10th Annual American Orthopaedic Association-Zimmer Resident Research Travel Award Finalist (Osteoarticular Allograft Reconstruction of the Distal Radius after Skeletal Tumor Excision.)  
1997 Arthroscopy Association of North America Resident Award to attend the "Masters Experience General Shoulder Arthroscopy Course: 10/97" (Arthroscopy Association of North America)  
1998 Von L. Meyer Award for housestaff (Boston Children's Hospital)  
1999 12th Annual American Orthopaedic Association-Zimmer Resident Research Travel Award Recipient (Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm)  
1999 Best Paper Award. American Orthopaedic Association's 32nd Annual Residents' Conference. March 1999, Chapel Hill, NC. (Differentiating between Septic Arthritis

- and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm)
- 1999 Richard Kilfoyle Award of the New England Orthopaedic Society for research. November 1999, Boston MA. (Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm)
- 2000 Resident/ Fellow Clinical Research Essay Award of the Arthroscopy Association of North America. April 2000, Miami FL. (Diagnostic Performance of Clinical Examination and Selective Magnetic Resonance Imaging in the Evaluation of Intra-articular Knee Disorders in Children and Adolescents)
- 2000 Vernon Thompson Research Award of the Western Orthopaedic Association. October 2000, Scottsdale AZ. (Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm)
- 2000 Resident/ Fellow Clinical Research Award of the Eastern Orthopaedic Association. October 2000, Orlando FL. (Diagnostic Performance of Clinical Examination and Selective Magnetic Resonance Imaging in the Evaluation of Intra-articular Knee Disorders in Children and Adolescents)
- 2001 Resident/ Fellow Clinical Research Award of the Arthroscopy Association of North America. April 2001, Seattle WA. (Determinants of Patient Satisfaction after Anterior Cruciate Ligament Reconstruction).
- 2003 Harvard Combined Orthopaedic Residency Program Thesis Day Clinical Research Award. May 2003, Boston, MA. (Outcomes Assessment in the Shoulder). James O'Holleran, M.D.- recipient (thesis advisor).
- 2003 Marquis' Who's Who in America
- 2004 The 2<sup>nd</sup> Annual Angela M. Kuo Award of the Pediatric Orthopaedic Society of North America. (\$13,000). April 2004, St Louis, MO. (for excellence and promise in research).
- 2004 Marquis' Who's Who in The World
- 2004 Strathmore's Who's Who
- 2005 Kappa Delta Award/ OREF Clinical Research Award of the American Academy of Orthopaedic Surgeons, Orthopaedic Research and Education Foundation, and the Orthopaedic Research Society. (\$20,000). February 2005, Washington, DC. (for a body of work representing distinguished excellence in clinical research)
- 2005 America's Top Physicians- Orthopedic Surgery, Consumers' Research Council of America
- 2006 Marquis' Who's Who in Medicine and Healthcare
- 2007 Best Doctors in America (Orthopaedic Surgeon), Best Doctors Inc.
- 2007 Best of Boston (Orthopaedic Surgeon), Boston Magazine
- 2008 America's Top Doctors (Orthopaedic Surgeon), Castle-Connolly

## **VISTING PROFESSORSHIPS**

1. Visiting Professor. Carrie Tingley Hopital, University of New Mexico. January 2004, Albuquerque, NM. 1. Knee Injuries in the Pediatric Athlete: An Overview. 2. Orthopaedic Clinical Effectiveness: Applied Clinical Epidemiology.
2. Visiting Professor. University of Cincinnati. May 2004, Cincinnati, OH. 1. Knee Injuries in the Pediatric Athlete. 2. Orthopaedic Clinical Effectiveness: Applied Epidemiological and Biostatistical Methods.
3. Visiting Professor/ Grand Rounds. University of Pittsburgh. October 2004, Pittsburgh, PA. Knee Injuries in the Pediatric Athlete.
4. Thomas B. Dameron Lectureship in Orthopaedics. Wake Forest University School of Medicine. April 2005, Raleigh, NC. 1. Upper Extremity Injuries in the Pediatric Athlete. 2. Knee Injuries in the Pediatric Athlete.
5. Visiting Professor/ Grand Rounds. Columbia University. May 2005, New York, NY. Knee Injuries in the Pediatric Athlete.
6. Michael Demerich Memorial Lecturer/ Visiting Professor for the 8th Annual What's New in Pediatric Orthopaedics conference. Albany Medical College, October 2005, Albany, NY. 1. Knee Injuries in the Pediatric Athlete. 2. Upper Extremity Injuries in the Pediatric Athlete.
7. Visiting Professor/ Grand Rounds. Dartmouth Hitchcock Medical Center. April 2006, Lebanon, NH. Knee Injuries in the Pediatric Athlete.

8. Visiting Professor/ Grand Rounds. New England Baptist Hospital. September 2006, Boston, MA. Knee Injuries in the Pediatric Athlete.
9. Joseph C. Wilson Visiting Professor. Los Angeles Childrens Hospital, University of Southern California Medical School. March 2007, Los Angeles, CA. 1. Knee Injuries in the Pediatric Athlete. 2. ACL Injuries in the Skeletally Immature Athlete. 3. Orthopaedic Clinical Effectiveness: Applied Clinical Epidemiological Research.
10. Visiting Professor. Orthopaedic Day. Denver Children's Hospital, University of Colorado School of Medicine. April 2007, Denver, CO. 1. Knee Injuries in the Pediatric Athlete. 2. Orthopaedic Clinical Effectiveness: Applied Clinical Epidemiological Research.
11. Visiting Professor for Integrated Annual Research Day. Army and Navy Orthopaedic Residency Programs. Walter Reed Army Hospital. June 2007, Washington, DC. 1. Knee Injuries in the Pediatric Athlete. 2. Orthopaedic Clinical Effectiveness: Applied Clinical Epidemiological Research.
12. Visiting Professor. University of Basel. August 2007, Basel, Switzerland. Knee Injuries in the Pediatric Athlete.
13. Visiting Professor. Pediatric Orthopaedic Society of India. January 2008, Mumbai, Baroda, Coimbatore, India.
14. Robert Johnson Visiting Lecturer. University of Vermont, February 2008, Burlington, VT. 1. Clinical Effectiveness: Applied Clinical Epidemiological Methods. 2. Knee Injuries in the Pediatric Athlete.
15. Visiting Professor/Grand Rounds. University of California San Francisco, May 2008, San Francisco, CA. 1. Clinical Effectiveness: Applied Clinical Epidemiological Methods. 2. Knee Injuries in the Pediatric Athlete.
16. Visiting Professor. Hiroshima University School of Medicine. August 2008, Hiroshima, Japan. ACL Injuries in Children and Adolescents.
17. Visiting Professor. Mexican Society of Pediatric Orthopaedics. Septemeber 2008, Ixtapa, Mexico. 1. ACL Injuries in Children and Adolescents. 2. Juvenile Osteochondritis Dissecans of the Knee. 3. Hip Arthroscopy in Pediatric Patients. 4. Shoulder Instability in the Young Athlete.
18. Visiting Professor. British Society for Children's Orthopaedic Surgery. March 2009. London, England. 1. The Adolescent Knee: Overuse injuries in the paediatric athlete 2. The Adolescent Knee: Juvenile Osteochondritis of the Knee 3. ACL injuries in the Skeletally Immature Patient 4. The David Trevor Lecture: Clinical Effectiveness: Applied Orthopaedic Clinical Epidemiology Research 5. The Adolescent Hip: Is there a role for Hip Arthroscopy? 6. The Adolescent Hip: The Management of FAI in the USA 7. Infection: Septic arthritis – the USA perspective.
19. David Trevor Visiting Professor. Children's Hopsital of Philadelphia. March 2009. Philadelphia, PA. 1. The Adolescent Knee: Juvenile Osteochondritis of the Knee 2. ACL injuries in the Skeletally Immature Patient 3. Clinical Effectiveness: Applied Orthopaedic Clinical Epidemiology Research
20. Kern Visiting Professor. Resident Research Day. University of Washington. Department of Orthopaedics and Sports Medicine. 1. Knee Injuries in the Pediatric Knee. 2. Clinical Effectiveness: Applied Clinical Epidemiological Methods.

## **ORGANIZATIONS, COMMITTEES, & ACTIVITIES**

Academic Children's Orthopaedic Resource Network	1999-	member
ACL Study Group	2001-	invited member
	2007-	travelling scientist committee
American Academy of Orthopaedic Surgeons	1994-1998	resident member
	1998-2003	candidate member
	2003-	fellow
	2004	levels of evidence task force
	2007-	evidence-based medicine committee
	2008-	chairman, diaphyseal pediatric femur fracture clinical practice guidelines subcommittee
	2008	co-chair, aaos/posna orthopaedic learning center course: pediatric sports medicine
	2009	chair, aaos/posna orthopaedic learning center course: pediatric sports medicine
American Association for the History of Medicine	1995-	member
American College of Sports Medicine	2003-	member
American Orthopaedic Association	2006-	invited member
American Orthopaedic Society for Sports Medicine	2000-2001	candidate member

	2001-	active member
	2000-	international knee documentation committee
	2003-2007	research committee
	2004-	chair, pediatric acl subcommittee
	2005-2006	chair, awards subcommittee
	2006-	youth sports committee
	2006-	council of delegates
	2006	grant review subcommittee
	2008-	youth sports injury initiative committee
	2009-2011	board of directors
	2009	director, pre-course symposium: pediatric sports medicine
American Medical Association	1989-	member
Arthritis Foundation, Massachusetts Chapter	2008-	board of directors
Dartmouth College	1993-1994	officer, alumni club of Boston
	1993-1996	alumni interviewer
Duke University School of Medicine	1990-1991	class president
	1991-1993	Davison council, graduate & prof student council
	1998	chairman, 5th year class reunion
Hawkins Shoulder Society	1999-	invited member
Herodicus Society	2007-	invited member
International Knee Documentation Committee (IKDC)	2000-	invited member
LeadingMD.com	2000-	medical advisory council (MAC)
Massachusetts Medical Society	1993-	member
	1994-1995	officer, resident physician section
Mensa	1984-	
Pediatric Orthopaedic Society of North America	2001-2003	candidate member
	2003-	active member
	2001-2006	clinical effectiveness committee
	2004-2005	chair, clinical effectiveness committee
	2003-2006	JBJS subspecialty update editor
	2005-2006	board of directors
	2005-2006	endowment committee
	2005-2006	awards committee
	2006-2008	long range planning committee
	2007	nominating committee
	2009	local host, posna annual meeting
ReGen Biologics	2003-	scientific advisory board
Steadman Hawkins Sports Medicine Foundation	2000-	scientific advisory committee (SAC)
	2000-	consultant in clinical epidemiology

## **REVIEW BOARDS**

Aircast Foundation	2003	grant reviewer
<i>American Journal of Sports Medicine</i>	2003	consultant reviewer
American Orthopaedic Society for Sports Medicine	2003-	grant reviewer
	2003-	research awards reviewer
<i>Archives of Disease in Childhood</i>	2002-	reviewer
<i>Arthroscopy</i>	2003-	consultant reviewer
Bloorview Medical Foundation	2002-	grant reviewer
<i>Clinical Orthopaedics and Related Research</i>	2004-	consultant reviewer
Hong Kong Research Grants Council (RGC)	2004-	grant reviewer
<i>Journal of Bone and Joint Surgery (American)</i>	1999-	consultant reviewer
	2003-2006	pediatric subspecialty update editor
<i>Journal of Orthopaedic Research</i>	2006-	consultant reviewer
<i>Journal of Musculoskeletal Medicine</i>	1998-	consultant reviewer
<i>Journal of Pediatric Orthopaedics</i>	2006-	consultant reviewer
<i>Journal of Shoulder and Elbow Surgery</i>	2009-	consultant reviewer
<i>Operative Techniques in Orthopaedics</i>	2007-	advisory board
Pediatric Orthopaedic Society of North America	2005-	research awards reviewer
	2005-	annual meeting program abstracts reviewer

Primary Care  
eMedicine  
eMedicineHealth  
Sports Medicine

2009- consultant reviewer  
2003- medical editor, orthopaedic surgery  
2004- medical editor, sports medicine  
1998- consultant reviewer

## **RELATED CLINICAL ACTIVITIES**

Babson College (Wellesley, MA)	2005-	head team physician
Boston Ballet	1994-	assistant physician (LJ Micheli, head physician)
Boston Public Schools (9 high schools)	2002-	director, sports medicine initiative
	2002-	head team physician
Boston Marathon	2002-	finish line physician (LJ Micheli, head physician)
Colorado Rockies (Major League Baseball)	1999-2000	assistant physician (RJ Hawkins, head physician)
Denver Broncos (NFL Football)	1999-2000	assistant physician (RJ Hawkins, head physician)
Dover-Sherborn Regional High School	2007-	head team physician
Lasell College (Newton, MA)	2000-	head team physician
	2001-	medical director, athletic training program
Northeastern University	2009-	head team physician, football
Roxbury Latin School	2005-	team physician
USA Track and Field	2003-	physician
US Figure Skating Association	2001-	physician
US Men's Alpine Ski Team	1999-2000	physician (JR Steadman, head physician)
US Womens's Alpine Ski Team	1999-2000	physician (WI Sterett, head physician)
US Disabled Ski Team	1999-	physician (RJ Hawkins, head physician)

## **INTRAMURAL CLINICAL ACTIVITIES**

Children's Hospital	2000-2004	Trauma Committee
	2000-2001	Septic Arthritis/ Osteomyelitis CPG committee
	2001-	Adverse Drug Event Committee
	2005-	Director, Children's Hospital Fitness and Wellness Center
	2006-	Physicians Leadership Council
	2007-	Community Health Council
	2007-	Chairman, Surgical Clinical Research Council
Department of Orthopaedic Surgery	2000-	Departmental IRB
	2000-	Director, Children's Hospital Orthopedic Institute for Clinical Effectiveness
	2002	EPOS travelling fellows coordinator
	2003	Grice Day coordinator
Division of Sports Medicine	2005-	Associate Director
	2005-	Finance Committee
	2009	Secretary, Children's Sports Medicine Foundation
Harvard Combined Orthopaedic Residency Program	1998	Residency Selection Committee
	2004-	Research Committee
	2008	Residency Selection Committee

## **CONSULTING**

2005	external departmental review (Department of Orthopaedic Surgery, The Children's Hospital, Denver CO)
2005-	consultant (ReGen Biologics)
2007-	consultant (Smith and Nephew Endoscopy)
2007-	consultant (ConMed Linvatec)
2007-2008	consultant (Scandius Biomedical)
2007-	consultant (EBI Biomet)
2008-	consultant (Covidien)
2009-	consultant (OrthoPediatics)

## **PROFESSIONAL DEVELOPMENT**

2003 Program in Leadership Development for Physicians and Scientists (*Harvard Medical School*).

## **TEACHING**

2000-2003 Julius Bishop, BS *Harvard Medical School*. Academic Societies' Committee Research Award. Research Sponsor. "Prophylactic Pinning versus Watchful Waiting of the Contralateral Hip after Unilateral Slipped Capital Femoral Epiphysis: Expected-Value Decision Analysis."

2000-2003 James O'Holleran, MD *Harvard Combined Orthopaedic Residency Program*. Thesis Day Clinical Research Award. Thesis Advisor: "Outcomes Assessment in the Shoulder."

2002 Bryce Weed *Harvard University*. Research Advisor. "Predictors of Delay in Diagnosis of Slipped Capital Femoral Epiphysis."

2001-2003 Rahul Mandiga, BS *Tufts University*. Research Advisor. "Lateral versus Medial-Lateral Pinning of Displaced Supracondylar Humerus Fractures in Children: A Randomized Clinical Trial."

2003 Michelle Ciarlo *Stonehill College*. Research Advisor. "Immediate Spica Casting for Femur Fractures in Children: Impact on Family"

2003-2004 Laura Dichtel, AB *Harvard College*. Research Advisor. "Orthopaedic Board Certification and Physician Performance."

2003-2004 Colleen Sabatini, MPH *Harvard Medical School/ Harvard School of Public Health*. Thesis Advisor. "Position of Immobilization for Displaced Distal Radius Fractures in Children: A Randomized Clinical Trial."

2003-2004 Kate Doughty, MPH *Tufts University School of Medicine/ School of Public Health*. Thesis Advisor. "Racial Variation in Time to Reduction and Analgesia in the Management of Displaced Distal Radius Fractures in Children."

2003-2004 Kanu Okike, BS *Harvard Medical School*. HMS medical student research grant advisor. "Conflict of Interest and Positive Results in Orthopaedic Research."

2003-2004 Craig May, BS *Harvard Medical School*. Research Advisor. "Adequacy of Documentation of Neurovascular Status in Type 3 Supracondylar Humerus Fractures in Children."

2003-2004 Joseph Czarnecki, MD *Harvard Combined Orthopaedic Residency Program*. Thesis Advisor: "Functional and Radiographic Outcomes of Fixation for Juvenile Osteochondritis Dissecans of the Knee."

2003-2004 Sean Rassman, MD *Harvard Combined Orthopaedic Residency Program*. Thesis Advisor: "Prevalence of Meniscal and Chondral Injuries with ACL Tears in Skeletally Immature Patients."

2004 Patrick Siparsky, BS *University of Colorado School of Medicine*. Summer Research Advisor: "Hip Arthroscopy in Children and Adolescents."

2004 Chien Chow, BS *Tufts University School of Medicine*. Summer Research Elective Advisor: "Pelvic Apophyseal Fractures in Children and Adolescents."

2004-2005 Jenna Godfrey, BS *University of Colorado School of Public Health*. MPH Thesis Advisor, Thesis Committee: "Reliability, Validity, and Responsiveness of the American Shoulder and Elbow Surgeons' Shoulder Scale."

2005 Kathryn Brustowicz *Rivers School*. Advisor, Senior Project: "Emotional Impact of Injury in Adolescent Female Athletes."

2003-2004 Jeremy Smith, BS *Harvard Medical School*. Research Advisor. "Transphyseal ACL Reconstruction with Hamstrings autograft in Skeletally Immature Adolescent Athletes."

2005-2006 Bojan Zoric, MD *Harvard Combined Orthopaedic Residency Program*. Thesis Advisor: "Transphyseal anterior cruciate ligament reconstruction in skeletally immature pubescent adolescents."

- 2005-2007 Kanu Okike, BS *Harvard Medical School.* Honors Thesis Advisor: "Conflict of interest in orthopaedic research. An association between findings and funding in scientific presentations." "The legal and ethical issues surrounding financial conflict of interest in orthopaedic research."
- 2006-2007 Charles Petit, MD *Harvard Combined Orthopaedic Residency Program.* Thesis Advisor: "Operative Management of Displaced Intra-articular Calcaneal Fractures in Children."
- 2006-2007 Jason Andersen, AB *Harvard College.* "Nonoperative Treatment of Juvenile Osteochondritis Dissecans."
- 2007-2008 Ramin Tabbador, MD *Harvard Combined Orthopaedic Residency Program.* Thesis Advisor: "Bioabsorbable Fixation of Juvenile Osteochondritis Dissecans of the Knee."
- 2008-2009 Robert Fullick, MD *Harvard Combined Orthopaedic Residency Program.* Thesis Advisor: "Nonoperative Treatment of Juvenile Osteochondritis Dissecans of the Knee: A Prospective Cohort Comparison of Three Methods."
- 2008-2009 Katherine Grannatt, MD *Harvard Combined Orthopaedic Residency Program.* Thesis Advisor: "Outcome of the Galeazzi Procedure for Management of Patellofemoral Instability in Skeletally Immature Patients."

### **EXTRAMURAL GRANT SUPPORT**

- 1998 *American Academy of Orthopaedic Surgeons/ Orthopaedic Research and Education Foundation Health Services Research Fellowship Grant* (recipient) (\$85,000)
- 1998 *American Fracture Association Resident Research Grant* (principle investigator) (\$3,000): The Effect of Pinning across the Physis for Stabilization of Fractures in Children: A Prospective MRI Evaluation of the Distal Humeral Physis after Pinning of Supracondylar Humerus Fractures.
- 1998 *AO North America Resident Trauma Research Grant* (principle investigator) (\$3,500): The Effect of Pinning across the Physis for Stabilization of Fractures in Children: MRI Evaluation of the Distal Radial Physis after Pinning of Distal Radial Metaphyseal Fractures."
- 2002 *American Shoulder and Elbow Society/ Orthopaedic Research and Education Foundation Research Grant* (principle investigator) (\$8,500): Reliability, Validity, and Responsiveness of the ASES Shoulder Score for Patients with Instability, Rotator Cuff Disease, and Osteoarthritis.
- 2002 *Orthopaedic Research and Education Foundation* (co-investigator) (\$49,887) ADAMTS-4 Activation and the Chondrocyte Response to Joint Injury.
- 2003 *ACL Study Group* (principal investigator) (\$8,000) The Effect of Skeletal Maturity on the biologic response to ACL rupture in humans.
- 2004 *American Orthopaedic Society for Sports Medicine* (principal investigator) (\$45,000): Reliability, Validity, and Responsiveness of the International Knee Documentation Committee knee scale in children and adolescents.
- 2005 *International Rugby Board.* (co-principal investigator) (\$38,000): Epidemiology of American Collegiate Rugby Injuries.
- 2007 *ConMed Linvatec.* (principal investigator) (\$10,000): Bioabsorbable Fixation of Unstable Juvenile Osteochondritis Dissecans Lesions of the Knee.

## PUBLICATIONS

### BOOKS

1. Micheli LJ and **Kocher MS** (eds). The Pediatric and Adolescent Knee. Philadelphia: Saunders, 2006.
2. **Kocher MS**. Operative Techniques in Orthopaedics: Pediatric Orthopaedics. Philadelphia: Elsevier Science, 2006.
3. Kleinman P, Kan H, **Kocher MS**, Gebhardt MC. Pediatric Musculoskeletal MRI Imaging. New York: Springer, 2007.

### BOOK CHAPTERS

1. Lephart SM, **Kocher MS**. The role of exercise in the prevention of shoulder disorders. In Matsen FA (ed.): The Shoulder: Balance of Mobility and Stability. Rosemont: American Academy of Orthopedic Surgery, 1993, pp. 597-620.
2. **Kocher MS**, Fu FH, Harner CD. Neuropathophysiology. In Fu FH, Harner CD, and Vince KG (eds.): Knee Surgery. Baltimore: Williams & Wilkins, 1994, pp. 231-252.
3. Harner CD, Bradley JP, McMahon PJ, **Kocher MS**. Baseball injuries. In Fu FH and Stone DA (eds.): Sports Injuries: Mechanisms, Prevention and Treatment. Baltimore: Williams & Wilkins, 1994, pp. 191-208.
4. **Kocher MS**, Micheli LJ. Upper extremity and trunk injuries. In Armstrong N and van Mechelen W (eds.): Pediatric Exercise Science and Medicine. Oxford: Oxford University Press, 2000, 417-436.
5. **Kocher MS**, Micheli LJ. The pediatric knee: Evaluation and treatment. In Insall JN and Scott WN (eds.): Surgery of the Knee, 3rd edition. New York: Churchill-Livingstone, 2001, pp. 1356-1397.
6. Millis MB, **Kocher MS**. Hip, pelvis, femur: Pediatric aspects. In Koval KJ (ed.): Orthopaedic Knowledge Update 7. Chicago: American Academy of Orthopaedic Surgeons, 2002, pp. 387-394.
7. Millis MB, **Kocher MS**. Hip and pelvic injuries in the young athlete. In DeLee JC, Drez D, Miller MD (eds.): DeLee & Drez's Orthopaedic Sports Medicine (2<sup>nd</sup> Ed). Philadelphia: WB Saunders Co, 2003, 1463-1480.
8. Zillmer D, **Kocher MS**. Family violence. In Instructional Course Lectures, Volume 52. Rosemont: American Academy of Orthopaedic Surgeons, 2003.
9. **Kocher MS**, O'Holleran J. Shoulder Disorders in Pediatric Athletes. In Krishnan S, Hawkins RJ, Warren RF (eds.): The Shoulder and the Overhead Athlete. Baltimore: Lippincott, William & Wilkins, 2004.

10. **Kocher MS.** Intra-articular Injuries of the Knee. In Beaty JH, Kasser JR (eds). Rockwood and Wilkins Fractures in Children (6<sup>th</sup> ed). Philadelphia: Lippincott William & Wilkins, 2005.
11. **Kocher MS.** Evaluation of the medical literature. In Morrissy RT, Weinstein SL (eds.). Lovell and Winter's Pediatric Orthopaedics, 6<sup>th</sup> Edition. Philadelphia: Lippincott William & Wilkins, 2005.
12. **Kocher MS,** Klingele K. Meniscal Disorders. In Insall JN and Scott WN (eds.): Surgery of the Knee, 4th edition. Philadelphia: Elsevier, 2005.
13. Iobst C, **Kocher MS.** Cartilage Injury in the Skeletally Immature Athlete. In Mirzayan R (ed.): Cartilage Injury in the Athlete. New York: Thieme, 2006.
14. Iobst C, **Kocher MS.** Cartilage Injuries and Osteochondral Fractures. In Micheli LJ and Kocher MS (eds). The Pediatric and Adolescent Knee. Philadelphia: Saunders, 2006.
15. Katz DA, **Kocher MS.** Infection. In Micheli LJ and Kocher MS (eds). The Pediatric and Adolescent Knee. Philadelphia: Saunders, 2006.
16. **Kocher MS.** Technical Note: ORIF Tibial Tubercle Fracture. In Micheli LJ and Kocher MS (eds). The Pediatric and Adolescent Knee. Philadelphia: Saunders, 2006.
17. **Kocher MS.** Technical Note: Meniscoplasty and Repair of Discoid Lateral Meniscus. In Micheli LJ and Kocher MS (eds). The Pediatric and Adolescent Knee. Philadelphia: Saunders, 2006.
18. **Kocher MS,** Micheli LJ. ACL Reconstruction in the Skeletally Immature Patient. In ElAttrache NS, Harner CD, Mirzayan R, Sekiya JK. (eds). Surgical Techniques in Sports Medicine. Philadelphia: Lippincott Williams & Wilkins, 2007, p 383-404.
19. **Kocher MS,** Tucker R. Hip and Pelvis Injuries. In Frontera WR, Micheli LJ, Herring SA, Silver JK (eds.). Clinical Sports Medicine. Philadelphia: Elsevier, 2007, 391-411.
20. **Kocher MS,** Dolan M, Weinberg J. Pediatric Orthopaedic Infections. In Abel MF (ed.). Pediatric Orthopaedic Knowledge Update 3. Chicago: American Academy of Orthopaedic Surgeons, 2006., 57-74.
21. **Kocher MS.** Anterior cruciate ligament reconstruction in children and adolescents. Operative Techniques in Orthopaedics. Philadelphia: Elsevier, 2006.
22. **Kocher MS,** Tucker R, Siparsky P. The Pediatric Athlete. In Johnson D and Mair S (eds.): Clinical Sports Medicine. Philadelphia: Elsevier, 2006.
23. **Kocher MS,** Czarnecki JJ. Management of osteochondritis dissecans. In Williams R (ed.): Cartilage Repair Strategies. Totowa NJ: Humana Press, 2007, 253-270.

24. **Kocher MS**, Weiss J. Physseal-sparing anterior cruciate ligament reconstruction. In Tolo VT, Skaggs DL (eds.): Master Techniques in Orthopaedic Surgery: Pediatrics. Philadelphia: Lippincott William & Wilkins, 2008, 277-288.
25. Poolman RW, **Kocher MS**, Bhandari. Pediatric femoral fractures: A systematic review of 2422 cases. In Poolman RW: Moving towards Evidence-Based Orthopaedic Surgery. Amsterdam: Buijten & Schipperheijn, 2007, p 241-253.
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1. **Kocher MS**, Lephart SM, Warner JJP, Harner CD, Winge S, Fu FH. Proprioceptive sensation in the shoulder: Normative data and future directions. *Pittsburgh Orthopaedic Journal*, 1992, 3:134-135.
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3. **Kocher MS**. Children's hospital orthopaedic clinical effectiveness research group. *Orthopaedic Journal at Harvard Medical School*, 2001, 3: 74-78.
4. Bishop J, **Kocher MS**. Expected-value decision analysis in orthopaedic surgery: A review. *Orthopaedic Journal at Harvard Medical School*, 2002, 4: 65-69.
5. **Kocher MS**, Zurakowski D. Clinical epidemiology and biostatistics. Part I. *Orthopaedic Journal at Harvard Medical School*, 2002, 5: 23-30.

#### PRESENTATIONS

#### MEETINGS & CONFERENCES

1. **Kocher MS**, Lephart SM, Warner JP, Fu FH. Normal shoulder proprioception in college-age individuals. Poster Presentation at the Ninth Combined Meeting of the Orthopaedic Association of the English-Speaking World. June 1992, Toronto, Canada.

2. **Kocher MS**, Lephart SM, Harner CD, Fu FH. Normal knee proprioception in college-age individuals. Poster Presentation at the Ninth Combined Meeting of the Orthopaedic Association of the English-Speaking World. June 1992, Toronto, Canada.
3. Lephart SM, Warner JP, Fu FH, **Kocher MS**. Shoulder proprioception. Podium Presentation at the American Orthopaedic Society for Sports Medicine. July 1992, San Diego, CA.
4. **Kocher MS**, Fu FH, Harner CD, Lephart SM. Quadriceps strength and functional capacity following patellar tendon autograft and allograft ACL reconstruction. Poster Presentation at the 60th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 1993, San Francisco, CA.
5. Lephart SM, **Kocher MS**, Harner CD, Fu FH. Proprioception following ACL reconstruction. Podium Presentation at the 60th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 1993, San Francisco, CA.
6. **Kocher MS**, Lephart SM, Warner JP, Fu FH. Proprioception in patients with glenohumeral instability. Poster Presentation at the 39th Annual Meeting of the Orthopedic Research Society. February 1993, San Francisco, CA.
7. **Kocher MS**, Gebhardt MC, Mankin HJ. Osteoarticular Allograft Reconstruction of the Distal Radius after Skeletal Tumor Excision. Poster Presentation at the 64th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 1997, San Francisco, CA.
8. **Kocher MS**, Feagin JA, Jr. Shoulder injuries during alpine skiing. Poster Presentation at the 64th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 1997, San Francisco, CA.
9. **Kocher MS**, Gebhardt MC, Mankin HJ. Osteoarticular Allograft Reconstruction of the Distal Radius after Skeletal Tumor Excision. Podium Presentation at the American Orthopaedic Association's 30th Annual Residents' Conference. March 1997, New York City, NY.
10. **Kocher MS**, Feagin JA, Jr. Shoulder injuries during alpine skiing. Podium Presentation at the American Orthopaedic Association's 30th Annual Residents' Conference. March 1997, New York City, NY.
11. **Kocher MS**, Ewald FC. Revision of Failed Capitulocondylar Total Elbow Arthroplasty. Poster Presentation at the 65th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 1998, New Orleans, LA.
12. **Kocher MS**, Erens G, Thornhill TS, Ready JE. Clinical Utility of Routine Pathologic Examination of Surgical Specimens from Primary Total Joint Replacement for Osteoarthritis. Poster Presentation at the 66th Annual Meeting of the American Academy of Orthopaedic Surgeons. February 1999, Anaheim, CA.
13. **Kocher MS**, Zurakowski D, Kasser JR. Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-based Clinical Prediction

Algorithm. Podium Presentation at the American Orthopaedic Association's 32nd Annual Residents' Conference. March 1999, Chapel Hill, NC.

14. **Kocher MS**, Zurakowski D, DiCanzio J, Micheli LJ. Diagnostic Performance of Clinical Examination and Selective Magnetic Resonance Imaging in the Evaluation of Intra-Articular Knee Disorders in Children and Adolescents. Podium Presentation at the American Orthopaedic Association's 32nd Annual Residents' Conference. March 1999, Chapel Hill, NC.
15. **Kocher MS**, Erens G, Thornhill TS, Ready JE. Utility of Routine Pathologic Examination of Surgical Specimens from Primary Total Joint Replacement for Osteoarthritis. Podium Presentation at the American Orthopaedic Association's 32nd Annual Residents' Conference. March 1999, Chapel Hill, NC.
16. **Kocher MS**, Liang MH, Sledge CB. Differences in Pre-Operative Disease Severity between African-Americans and Caucasians Undergoing Primary Total Hip or Total Knee Arthroplasty. Poster Presentation at the American Orthopaedic Association's 32nd Annual Residents' Conference. March 1999, Chapel Hill, NC.
17. **Kocher MS**, Zurakowski D, Kasser JR. Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm. Invited Poster Presentation at the American Orthopaedic Association's 112<sup>th</sup> Annual Meeting. June 1999, Sun Valley, ID.
18. **Kocher MS**. Ligament Healing and Augmentation. Invited Podium Presentation for Basic Science of Tissue Healing and Augmentation Symposium at the 50th Annual National Athletic Trainers' Association Meeting. June 1999, Kansas City, MO.
19. **Kocher MS**, Zurakowski D, Kasser JR. Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm. Podium Presentation at the American Academy of Pediatrics 1999 Annual Meeting, Section on Orthopaedics. October 1999, Washington DC.
20. **Kocher MS**, DiCanzio J, Zurakowski D, Micheli LJ. Diagnostic Performance of Clinical Examination and Selective Magnetic Resonance Imaging in the Evaluation of Intra-Articular Knee Disorders in Children and Adolescents. Podium Presentation at the American Academy of Pediatrics 1999 Annual Meeting, Section on Orthopaedics. October 1999, Washington DC.
21. **Kocher MS**, Zurakowski D, Kasser JR. Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm. Richard Kilfoyle Award Podium Presentation at the Annual Meeting of the New England Orthopaedic Society. November 1999, Boston, MA.
22. **Kocher MS**, Zurakowski D, Kasser JR. Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm. Podium Presentation at the 67th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2000, Orlando, FL.
23. **Kocher MS**, Micheli LJ. Partial Anterior Cruciate Ligament Injuries in Children and Adolescents: Predictors of Failure of Nonoperative Management. Podium

Presentation at the 67th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2000, Orlando, FL.

24. **Kocher MS**, Steadman JR, Zurakowski D, Briggs K, Sterett WI, Hawkins RJ. Determinants of Patient Satisfaction after Anterior Cruciate Ligament Reconstruction. Podium Presentation at the 2000 US/ Canadian Ski Team Physicians' Meeting. April 2000, Vail, CO.
25. **Kocher MS**, DiCanzio J, Zurakowski D, Micheli LJ. Diagnostic performance of clinical examination and selective magnetic resonance imaging in the evaluation of intra-articular knee disorders in children and adolescents. Podium Presentation for the 2000 Resident/ Fellow Clinical Research Essay Award of the Arthroscopy Association of North America. April 2000, Miami, FL.
26. **Kocher MS**. Clinical Trials. Instructional Course Lecture Invited Faculty (J.G. Wright (moderator)) at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2000, Vancouver, Canada.
27. **Kocher MS**, Steadman JR, Zurakowski D, Briggs K, Sterett WI, Hawkins RJ. Determinants of Patient Satisfaction after Anterior Cruciate Ligament Reconstruction. Podium Presentation at the ACL Study Group Annual Meeting. May 2000, Rhodes, Greece.
28. **Kocher MS**, Hawkins RJ, Saxon HS, Hovis WD. Management and Complications of Anterior Cruciate Ligament Injuries in Skeletally Immature Patients: A Survey of The Herodicus Society and The ACL Study Group. Podium Presentation at the ACL Study Group Annual Meeting. May 2000, Rhodes, Greece.
29. **Kocher MS**, DiCanzio J, Zurakowski D, Micheli LJ. Diagnostic Performance of Clinical Examination and Selective Magnetic Resonance Imaging in the Evaluation of Intra-articular Knee Disorders in Children and Adolescents. Podium Presentation for the 2000 Resident/ Fellow Research Award, 31<sup>st</sup> Annual Meeting of the Eastern Orthopaedic Association, October 2000, Orlando FL.
30. **Kocher MS**, Zurakowski D, Kasser JR. Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm. Podium Presentation for the 2000 Resident/ Fellow Research Award, Annual Meeting of the Western Orthopaedic Association, October 2000, Scottsdale AZ.
31. **Kocher MS**, DiCanzio J, Zurakowski D, Micheli LJ. Diagnostic Performance of Clinical Examination and Selective Magnetic Resonance Imaging in the Evaluation of Intra-articular Knee Disorders in Children and Adolescents. Poster Presentation at the 68th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2001, San Francisco, CA.
32. **Kocher MS**, Sterett WI, Briggs KK, Zurakowski D, Steadman JR. Effect of Functional Bracing on Knee Injury in ACL-deficient Professional Skiers. Poster Presentation at the 68th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2001, San Francisco, CA.

33. **Kocher MS**, Luke A, Marshall R, Hawkins RJ. Operative vs Nonoperative Management of Acute Achilles Tendon Ruptures: Expected-Value Decision Analysis. Poster Presentation at the 68th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2001, San Francisco, CA.
34. **Kocher MS**, Steadman JR, Zurakowski D, Briggs K, Sterett WI, Hawkins RJ. Determinants of Patient Satisfaction after Anterior Cruciate Ligament Reconstruction. Poster Presentation at the American Orthopaedic Society for Sports Medicine Specialty Day Meeting. March 2001, San Francisco, CA.
35. **Kocher MS**, Luke A, Zurakowski D, Micheli LJ. Partial Tears of the Anterior Cruciate Ligament in Children and Adolescents. Podium Presentation at the American Orthopaedic Society for Sports Medicine Specialty Day Meeting. March 2001, San Francisco, CA.
36. **Kocher MS**, Sterett WI, Briggs KK, Zurakowski D, Steadman JR. Effect of Functional Bracing on Knee Injury in ACL-deficient Professional Skiers. Podium Presentation at the American Orthopaedic Society for Sports Medicine Specialty Day Meeting. March 2001, San Francisco, CA.
37. **Kocher MS**, Zurakowski D, Micheli LJ, Yaniv M. Functional and Radiographic Outcome of Juvenile Osteochondritis Dissecans of the Knee Treated with Transarticular Arthroscopic Drilling. Podium Presentation at the American Orthopaedic Society for Sports Medicine Specialty Day Meeting. March 2001, San Francisco, CA.
38. Ring D, **Kocher MS**, Koris M. Failed Total Elbow Arthroplasty. Podium Presentation at the American Shoulder and Elbow Society Specialty Day Meeting. March 2001, San Francisco, CA.
39. **Kocher MS**, Luke A, Marshall R, Hawkins RJ. Operative vs Nonoperative Management of Acute Achilles Tendon Ruptures: Expected-Value Decision Analysis. Podium Presentation at the American Orthopaedic Foot and Ankle Society Specialty Day Meeting. March 2001, San Francisco, CA.
40. **Kocher MS**. Orthopaedic Aspects of Child Abuse. Podium Presentation at AAOS Symposium: "Comprehensive Fracture Care: The Cause, Not The Case." 68th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2001, San Francisco, CA.
41. **Kocher MS**, Steadman JR, Zurakowski D, Briggs K, Sterett WI, Hawkins RJ. Determinants of Patient Satisfaction after Anterior Cruciate Ligament Reconstruction. Podium Presentation for the 2001 Resident/ Fellow Clinical Research Essay Award of the Arthroscopy Association of North America. April 2001, Seattle, WA.
42. **Kocher MS**. Valgus Overload Injury Continuum of the Elbow: Special Concerns of the Pediatric Athlete. Invited Podium Presentation at the Johnson & Johnson Symposium at the 52<sup>nd</sup> Annual National Athletic Trainers' Association Meeting. June 2001, Los Angeles, CA.

43. **Kocher MS**, Steadman JR, Zurakowski D, Briggs K, Sterett WI, Hawkins RJ. Determinants of Patient Satisfaction after Anterior Cruciate Ligament Reconstruction. Poster Presentation at the 69<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2002, Dallas, TX.
44. **Kocher MS**, Zurakowski D, Micheli LJ, Yaniv M. Functional and Radiographic Outcome of Juvenile Osteochondritis Dissecans of the Knee Treated with Transarticular Arthroscopic Drilling. Podium Presentation at the 69<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2002, Dallas, TX.
45. **Kocher MS**, Hawkins RJ, Saxon HS, Hovis WD. Management and Complications of Anterior Cruciate Ligament Injuries in Skeletally Immature Patients: A Survey of The Herodicus Society and The ACL Study Group. Podium Presentation at the 69<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2002, Dallas, TX.
46. **Kocher MS**, Steadman JR, Briggs KK, Zurakowski D, Sterett WI, Hawkins RJ. Relationship between Objective Assessment of Stability and Subjective Assessment of Symptoms and Function after ACL Reconstruction. Podium Presentation at the 69<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2002, Dallas, TX.
47. Cameron M, Hawkins RJ, Horan M, **Kocher MS**. Relationship between Duration of Instability and Arthrosis in Glenohumeral Instability. Podium Presentation at the 69<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2002, Dallas, TX.
48. **Kocher MS**. Orthopaedic Aspects of Child Abuse. Podium Presentation at AAOS Instructional Course Lecture: "Domestic Violence." 69<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2002, Dallas, TX.
49. **Kocher MS**, Zurakowski D, Micheli LJ, Yaniv M. Functional and Radiographic Outcome of Juvenile Osteochondritis Dissecans of the Knee Treated with Transarticular Arthroscopic Drilling. Podium Presentation at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2002, Salt Lake City, UT.
50. **Kocher MS**, Kasser JR, Murphy J, Sundel R, Goldmann D, Harper M. Efficacy of a Clinical Practice Guideline on Process and Outcome for Septic Arthritis of the Hip in Children. Podium Presentation at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2002, Salt Lake City, UT.
51. **Kocher MS**, Steadman JR, Briggs KK, Zurakowski D, Sterett WI, Hawkins RJ. Relationship between Objective Assessment of Stability and Subjective Assessment of Symptoms and Function after ACL Reconstruction. Podium Presentation at the 28th Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2002, Orlando, FL.
52. O'Holleran J, **Kocher MS**, Horan M, Briggs KK, Hawkins RJ. Determinants of Patient Satisfaction with Outcome after Rotator Cuff Surgery. Poster Presentation at the 28th Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2002, Orlando, FL.

53. **Kocher MS.** Shoulder Pain and Instability in the Pediatric Athlete. Invited Presentation at the 5<sup>th</sup> Annual International Pediatric Orthopaedic Symposium. December 2002, Orlando, FL.
54. **Kocher MS.** When to Order an MRI for Knee Disorders in Children and Adolescents. Invited Presentation at the 5<sup>th</sup> Annual International Pediatric Orthopaedic Symposium. December 2002, Orlando, FL.
55. **Kocher MS.** Meniscal Injuries in Children. Invited Presentation at the 5<sup>th</sup> Annual International Pediatric Orthopaedic Symposium. December 2002, Orlando, FL.
56. Waters PM, **Kocher MS.** Workshop: Arthroscopy of the Shoulder. Invited Presentation at the 5<sup>th</sup> Annual International Pediatric Orthopaedic Symposium. December 2002, Orlando, FL.
57. Waters PM, **Kocher MS.** Workshop: Arthroscopy of the Elbow, Wrist, Hip, and Ankle. Invited Presentation at the 5<sup>th</sup> Annual International Pediatric Orthopaedic Symposium. December 2002, Orlando, FL.
58. **Kocher MS,** Hresko MT, Gerbino PG, Micheli LJ. Tibial Spine Fractures in Children: Prevalence of Meniscal Entrapment. Podium Presentation at the 70<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2003, New Orleans, LA.
59. **Kocher MS,** Bishop JB, Hresko, MT, Millis MB, Kasser JR. Prophylactic Pinning versus Watchful Waiting of the Contralateral Hip after Unilateral Slipped Capital Femoral Epiphysis: Expected-Value Decision Analysis. Podium Presentation at the 70<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2003, New Orleans, LA.
60. **Kocher MS,** Mandiga R, Murphy J, Sundel R, Ecklund K, Goldmann D, Harper M, Kasser JR. Efficacy of a Clinical Practice Guideline for Septic Arthritis of the Hip in Children on Process and Outcome for Septic Arthritis of the Hip. Podium Presentation at the 70<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2003, New Orleans, LA.
61. **Kocher MS,** Mandiga R, Klingele KE, Bley L, Gerbino P, Micheli LJ. Anterior Cruciate Ligament Injury versus Tibial Spine Fracture in the Skeletally Immature Knee: A Comparison of Skeletal Maturity and Notch Width Index. Podium Presentation at the 70<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2003, New Orleans, LA.
62. **Kocher MS,** Bishop JB, Weed B, Hresko MT, Millis MB, Kasser JR. Predictors of Delay in Diagnosis of Slipped Capital Femoral Epiphysis. Poster Presentation at the 70<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2003, New Orleans, LA.
63. **Kocher MS,** Bergmann T, Poss R, Katz JN. Differences in Pre-operative Disease Severity between African-Americans and Caucasians undergoing Primary Total Hip Replacement and Total Knee Replacement for Osteoarthritis. Poster Presentation at

the 70<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2003, New Orleans, LA.

64. **Kocher MS**, O'Holleran J, Horan M, Briggs KK, Hawkins RJ. Determinants of Patient Satisfaction with Outcome after Rotator Cuff Surgery. Poster Presentation at the 70<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. February 2003, New Orleans, LA.
65. **Kocher MS**. Osteochondritis Dissecans: State of the Art. Invited Podium Presentation at the Pediatric Orthopaedic Society of North America Specialty Day Meeting. February 2003, New Orleans, LA.
66. **Kocher MS**. Arthroscopic Assistance in the Care of Pediatric Fractures. Invited Podium Presentation at the Annual Pediatric Orthopaedic Society of North America's One Day Course: Pediatric Orthopaedic Trauma: State of the Art 2003: Innovations and Controversies. May 2003, Amelia Island, FL.
67. **Kocher MS**, Zurakowski D, Mandiga R, Barnewolt C, Kasseer JR. Validation of a Clinical Prediction Rule for the Differentiation of Septic Arthritis and Transient Synovitis of the Hip in Children. Podium Presentation at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2003, Amelia Island, FL.
68. **Kocher MS**, Hresko MT, Gerbino P, Micheli LJ. Tibial Spine Fractures in Children: Prevalence of Meniscal Entrapment. Podium Presentation at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2003, Amelia Island, FL.
69. **Kocher MS**. Injuries in the Young Athlete's Knee: Articular Cartilage Injuries. Invited Symposium Podium Presentation at the Annual Meeting of the American College of Sports Medicine. May 2003, San Francisco, CA.
70. **Kocher MS**, Steadman JR, Briggs KK, Sterett WI, Hawkins. Reliability, Validity, and Responsiveness of the Lysholm Knee Scale for Chondral Disorders of the Knee. Podium Presentation at the 29<sup>th</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2003, San Diego, CA.
71. **Kocher MS**. Observational Studies: Case Reports, Case Series, Cross-Sectional Surveys, Case-Control Studies, and Cohort Studies. Invited Podium Presentation at the Precourse Symposium at the 29<sup>th</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2003, San Diego, CA.
72. **Kocher MS**, Rassman S, Mandiga R, Gerbino P, Micheli LJ. Prevalence of Meniscal and Chondral Injuries with ACL Tears in Skeletally Immature Patients. Podium Presentation at the 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2004, San Francisco, CA.
73. **Kocher MS**. Shoulder Instability. Podium Presentation at AAOS Instructional Course Lecture "Pediatric Sports Medicine." 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2004, San Francisco, CA.
74. O'Holleran J, **Kocher MS**, Horan M, Briggs KK, Hawkins RJ. Determinants of Patient Satisfaction with Outcome after Surgery for Anterior Instability of the

Shoulder. Poster Presentation at the 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2004, San Francisco, CA.

75. **Kocher MS.** Tibial Spine Fracture. Podium Presentation at AAOS Instructional Course Lecture "Pediatric Sports Medicine." 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2004, San Francisco, CA.
76. **Kocher MS.** Cartilage and Meniscus Injuries. Podium Presentation at AAOS Instructional Course Lecture "Pediatric Knee." 71<sup>st</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2004, San Francisco, CA.
77. **Kocher MS,** Mandiga R, Klingele KE, Bley L, Gerbino P, Micheli LJ. Anterior Cruciate Ligament Injury versus Tibial Spine Frcture in the Skeletally Immature Knee: A Comparison of Skeletal Maturity and Notch Width Index. Podium Presentation at the Annual Pediatric Orthopaedic Society of North America Specialty Day Meeting. March 2004, San Francisco, CA.
78. **Kocher MS.** Anterior Cruciate Ligament Injury in the Skeletally Immature Athlete. Invited Podium Presentation at the Annual Pediatric Orthopaedic Society of North America Specialty Day Meeting. March 2004, San Francisco, CA.
79. **Kocher MS,** Klingele KE, Hresko MT, Gerbino PG, Micheli LJ. Discoid Lateral Meniscus: Prevalence of Peripheral Rim Instability. Podium Presentation at the Annual Meeting of the Pediatric Orthopaedic Society of North America. April 2004, St Louis, MO.
80. **Kocher MS,** Micheli LJ, Millis MB, Kim YJ, Kasser JR. Hip arthroscopy in children and adolescents. Podium Presentation at the Annual Meeting of the Pediatric Orthopaedic Society of North America. April 2004, St Louis, MO.
81. **Kocher MS,** Steadman JR, Briggs KK, Zurakowski D, Sterett WI, Hawkins RJ. Relationship between Objective Assessment of Stability and Subjective Assessment of Symptoms and Function after ACL Reconstruction. Podium Presentation at the ACL Study Group Meeting. June 2004, Sardinia, Italy.
82. **Kocher MS.** Throwing Shoulder and Elbow Injuries. Invited Podium Presentation at Symposium "Orthopaedic Considerations for the Young Athlete." Annual Meeting of the National Athletic Trainers' Association. June 2004, Baltimore, MD.
83. **Kocher MS.** Observational Studies: Case Reports, Case Series, Cross-Sectional Surveys, Case-Control Studies, and Cohort Studies. Invited Podium Presentation at the Precourse Symposium at the 30<sup>th</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine. June 2004, Quebec City, Canada.
84. O'Holleran J, **Kocher MS,** Horan M, Briggs KK, Hawkins RJ. Determinants of Patient Satisfaction with Outcome after Surgery for Anterior Instability of the Shoulder. Poster Presentation at the 30<sup>th</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine. June 2004, Quebec City, Canada.
85. **Kocher MS.** Clinical Effectiveness: An Evidence-Based Approach to Improving the Process and Outcome of Management of Septic Arthritis of the Hip in Children.

Kappa Delta/ OREF Clinical Research Award. 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Annual Meeting of the Orthopaedic Research Society. February 2005, Washington, DC.

86. **Kocher MS**, Millis MB, Mandiga R, Micheli LJ, Kim YJ, Kasser JR. Hip Arthroscopy in Children and Adolescents. Podium Presentation at the 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Annual Meeting of the Orthopaedic Research Society. February 2005, Washington, DC.
87. **Kocher MS**, Micheli LJ, Garg S. Physeal-Sparing ACL Reconstruction in Prepubescent Children. Podium Presentation at the 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Annual Meeting of the Orthopaedic Research Society. February 2005, Washington, DC.
88. **Kocher MS**, Czarnecki J, Dichtel L, Micheli LJ. Functional Outcome of Juvenile Osteochondritis of the Knee treated with Internal Fixation. Podium Presentation at the 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Annual Meeting of the Orthopaedic Research Society. February 2005, Washington, DC.
89. **Kocher MS**, Bhandari M, Okike K, Mehlman C. Conflict of Interest and Positive Clinical Research Findings in Orthopaedic Surgery. Podium Presentation at the 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Annual Meeting of the Orthopaedic Research Society. February 2005, Washington, DC.
90. **Kocher MS**, Hawkins RJ, O'Holleran J, Briggs KK, Horan M. Reliability, Validity, and Responsiveness of the American Shoulder and Elbow Surgeons' shoulder scale. Podium Presentation at the 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, Annual Meeting of the Orthopaedic Research Society. February 2005, Washington, DC.
91. **Kocher MS**, Waters PM, Bae DM, Kasser JR, Snyder BD, Karlin L, Kim YJ, Emans JB, Hresko MT, Hedequist D, Gerbino P, Millis MB. Lateral Entry vs Medial and Lateral Entry Pinning for Type 3 Supracondylar Humerus Fractures in Children: A Randomized Clinical Trial. Podium Presentation at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2005, Ottawa, Canada.
92. **Kocher MS**, Garg S, Micheli LJ. Physeal Sparing ACL Reconstruction of the Knee in Prepubescent Children. Podium Presentation at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2005, Ottawa, Canada.
93. **Kocher MS**. Juvenile Osteochondritis of the Knee: An Update. Invited presentation Pediatric Sports Medicine Symposium at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2005, Ottawa, Canada.
94. **Kocher MS**, Shea K. Cases Studies. Invited presentation at Pediatric Sports Medicine Symposium at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2005, Ottawa, Canada.
95. **Kocher MS**. Observational Studies: Case Reports, Case Series, Cross-Sectional Surveys, Case-Control Studies, and Cohort Studies. Invited Podium Presentation at

the Precourse Symposium at the 31<sup>st</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2005, Keystone, CO.

96. **Kocher MS.** Fractures. Invited presentation at Instructional Course Lecture: The Pediatric Knee at the 31<sup>st</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2005, Keystone, CO.
97. **Kocher MS.** Epidemiology of Knee Injuries and General Considerations. Invited presentation at Instructional Course Lecture: The Pediatric Knee at the 31<sup>st</sup> Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2005, Keystone, CO.
98. **Kocher MS.** Sports Injuries in the Young Adult. Invited presentation at the Association of periOperative Registered Nurses (AORN) 2005 Annual Meeting. October 2005, Boston, MA.
99. **Kocher MS.** Snapping Hip and Hip Pain: Imaging Studies & Arthroscopy. Invited presentation at the International Pediatric Orthopaedic Symposium. November 2005, Orlando, FL.
100. **Kocher MS.** Overview of Musculoskeletal Infections. Invited presentation at the International Pediatric Orthopaedic Symposium. November 2005, Orlando, FL.
101. **Kocher MS.** Septic Arthritis vs Transient Synovitis. Invited presentation at the International Pediatric Orthopaedic Symposium. November 2005, Orlando, FL.
102. **Kocher MS, Stanitski C.** Pediatric Knee Problems. Invited presentation at the International Pediatric Orthopaedic Symposium. November 2005, Orlando, FL.
103. **Kocher MS.** Shoulder Injuries. Invited presentation. Instructional Course Lecture: Pediatric Sports Medicine: Operative Challenges and Solutions. 72<sup>nd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2006, Chicago, IL.
104. **Kocher MS.** ACL Reconstruction in the Skeletally Immature Patient. Invited Podium Presentation. Instructional Course Lecture: Pediatric Sports Medicine: Operative Challenges and Solutions. 73<sup>rd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2006, Chicago, IL.
105. **Kocher MS, Waters PM, Bae DM, Kasser JR, Snyder BD, Karlin L, Kim YJ, Emans JB, Hresko MT, Hedequist D, Gerbino P, Millis MB.** Podium Presentation. Lateral Entry vs Medial and Lateral Entry Pinning for Type 3 Supracondylar Humerus Fractures in Children: A Randomized Clinical Trial. Podium Presentation at the 73<sup>rd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2006, Chicago, IL.
106. **Kocher MS.** Shoulder Injuries. Invited Podium Presentation. Instructional Course Lecture: Operative Management of Pediatric Upper Extremity Fractures. 73<sup>rd</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2006, Chicago, IL.

107. **Kocher MS.** Complications of ACL Injuries and Tibial Spine Fractures. Invited Podium Presentation. One Day Course: Complications in Pediatric Orthopaedic Surgery. Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2006, San Diego, CA.
108. **Kocher MS.** ACL Injuries in Skeletally Immature Patients: Treatment Algorithm based on Maturity. Invited Podium Presentation. Pediatric Sports Medicine Symposium. Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2006, San Diego, CA.
109. **Kocher MS,** Czarnecki J, Micheli LJ. Internal Fixation of Juvenile Osteochondritis Dissecans of the Knee. Podium Presentation. Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2006, San Diego, CA.
110. **Kocher MS,** Mahan S, May C. Flexion Supracondylar Humerus Fractures: Increased Incidence of Ulnar Nerve Injuries and Need for Open Reduction. Podium Presentation. Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2006, San Diego, CA.
111. **Kocher MS.** Validation of Clinical Outcome Instruments. Invited Podium Presentation. Outcomes Assessment Symposium. Annual Meeting of the American Orthopaedic Society for Sports Medicine. June 2006, Hershey, PA.
112. **Kocher MS.** ACL Reconstruction in Skeletally Immature Patients. Invited Podium Presentation. Instructional Course Lecture: Controversies in ACL Surgery. Annual Meeting of the American Orthopaedic Society for Sports Medicine. June 2006, Hershey, PA.
113. **Kocher MS,** Czarnecki J, Micheli LJ. Internal Fixation of Juvenile Osteochondritis Dissecans of the Knee. Podium Presentation. Annual Meeting of the American Orthopaedic Society for Sports Medicine. June 2006, Hershey, PA.
114. **Kocher MS.** Meniscal Disorders. Invited Presentation. International Pediatric Orthopaedic Symposium. November 2006, Orlando, FL.
115. **Kocher MS.** ACL Injury in Skeletally Immature Athletes. Invited Presentation. International Pediatric Orthopaedic Symposium. November 2006, Orlando, FL.
116. **Kocher MS.** Tibial Eminence Fractures. Invited Presentation. International Pediatric Orthopaedic Symposium. November 2006, Orlando, FL.
117. **Kocher MS.** Shoulder Instability in the Adolescent Athlete. Invited Presentation. International Pediatric Orthopaedic Symposium. November 2006, Orlando, FL.
118. **Kocher MS.** Hip Arthroscopy in Children and Adolescents. Invited Presentation. International Pediatric Orthopaedic Symposium. November 2006, Orlando, FL.

119. **Kocher MS.** Clinical Prediction Rules to Differentiate between Septic Arthritis and Transient Synovitis of the Hip in Children. Invited Presentation. International Pediatric Orthopaedic Symposium. November 2006, Orlando, FL.
120. **Kocher MS,** Dichtel L, Holm I, Kasser J. Osteogenesis Imperfecta Misdiagnosed as Child Abuse. Podium Presentation. 74<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2007, San Diego, CA.
121. **Kocher MS,** Smith JS, Lee B, Micheli LJ. Transphyseal anterior cruciate ligament reconstruction in skeletally immature pubescent adolescents. Podium Presentation. 74<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2007, San Diego, CA.
122. **Kocher MS.** Anterior Cruciate Ligament Injury in Skeletally Immature Patients: A Management Algorithm Based on Physiological Age. Invited Presentation. Symposium V: Management of Sports Injuries in the Adolescent Athlete. 74<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2007, San Diego, CA.
123. **Kocher MS.** Shoulder Injuries. Invited Presentation. Instructional Course Lecture 268: The Operative Management of Pediatric Upper Extremity Fractures. 74<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2007, San Diego, CA.
124. **Kocher MS.** Juvenile Osteochondritis Dissecans of the Knee. Invited Presentation. Instructional Course Lecture 403: Pediatric Sports Medicine Operative Challenges and Solutions: A Case Based Approach. 74<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2007, San Diego, CA.
125. **Kocher MS.** Arthroscopic Management of Femoral Acetabular Impingement. Invited Presentation. Specialty Day: Pediatric Orthopaedic Society of North America. February 2007, San Diego, CA.
126. **Kocher MS.** Pediatric Trauma: Upper Extremity. Invited Presentation. American Osteopathic Orthopaedic Association Annual Meeting. April 2007, Atlanta, GA.
127. **Kocher MS.** Pediatric Truma: Lower Extremity. Invited Presentation. American Osteopathic Orthopaedic Association Annual Meeting. April 2007, Atlanta, GA.
128. **Kocher MS.** Unstable Shoulder. Invited Presentation. One Day Course. Pediatric Orthopaedic Society of North America Annual Meeting. May 2007, Hollywood, FL.
129. **Kocher MS,** Dichtel L, Holm I, Kasser J. Osteogenesis Imperfecta Misdiagnosed as Child Abuse. Podium Presentation. Pediatric Orthopaedic Society of North America Annual Meeting. May 2007, Hollywood, FL.
130. **Kocher MS,** Smith JS, Lee B, Micheli LJ. Transphyseal anterior cruciate ligament reconstruction in skeletally immature pubescent adolescents. Podium

- Presentation. Pediatric Orthopaedic Society of North America Annual Meeting. May 2007, Hollywood, FL.
131. **Kocher MS.** Arthroscopic Management of Femoral-Acetabular Impingement. Breakout Session. Pediatric Orthopaedic Society of North America Annual Meeting. May 2007, Hollywood, FL.
  132. **Kocher MS.** Management of ACL Injuries in Children and Adolescents: Why Kids are not Little Adults! Invited Podium Presentation. Annual Meeting of the National Athletic Trainers' Association. June 2007, Anaheim, CA
  133. **Kocher MS.** ACL Injuries in Children and Adolescents. Invited Podium Presentation. ICL 101: Pediatric Elbow/ Knee Injuries. Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2007, Calgary, Canada.
  134. **Kocher MS.** Habits of Highly Effective Sports Medicine Surgeons: Balancing Clinical Practice and Research. Invited Podium Presentation. Annual Meeting of the American Orthopaedic Society for Sports Medicine. July 2007, Calgary, Canada.
  135. **Kocher MS.** Hip Arthroscopy in Children and Adolescents. Invited Podium Presentation. 37<sup>th</sup> Annual Arthroplasty Course. Harvard Medical School CME Course. September 2007, Boston, MA.
  136. **Kocher MS.** Osteochondritis Dissecans of the Talus. Invited Podium Presentation. International Pediatric Orthopaedic Symposium. November 2007, Orlando, FL.
  137. **Kocher MS.** Anterior Cruciate Ligament Injuries. Invited Podium Presentation. ICL: Knee Injuries. International Pediatric Orthopaedic Symposium. November 2007, Orlando, FL.
  138. **Kocher MS.** Shoulder Instability. ICL: Shoulder Injuries. International Pediatric Orthopaedic Symposium. November 2007, Orlando, FL.
  139. **Kocher MS.** Hip Arthroscopy in Children and Adolescents. ICL: Hip Injuries. International Pediatric Orthopaedic Symposium. November 2007, Orlando, FL.
  140. **Kocher MS.** Orthopaedic Aspects of Child Abuse. Invited Podium Presentation. POSNA-POSI Combined Conference, January 2008, Baroda, India.
  141. **Kocher MS.** Orthopaedic Aspects of Child Abuse. Invited Podium Presentation. POSNA-POSI Combined Conference, January 2008, Baroda, India.
  142. **Kocher MS.** Cases: Hip, Pelvis, and Femur Injuries. Invited Podium Presentation. POSNA-POSI Combined Conference, January 2008, Baroda, India.
  143. **Kocher MS.** Knee and Tibia Injuries. Invited Podium Presentation. POSNA-POSI Combined Conference, January 2008, Baroda, India.

144. **Kocher MS.** Septic Arthritis of the Hip. Invited Podium Presentation. POSNA-POSI Combined Conference, January 2008, Baroda, India.
145. **Kocher MS.** Complications of Elastic Nailing of Pediatric Fractures. Invited Podium Presentation. POSI Annual Meeting, January 2008, Coimbatore, India.
146. **Kocher MS.** Knee Injuries in the Pediatric Athlete. Invited Podium Presentation. POSI Annual Meeting, January 2008, Coimbatore, India.
147. **Kocher MS.** Clinical Effectiveness: Applied Clinical Epidemiological Methods. Invited Podium Presentation. POSI Annual Meeting, January 2008, Coimbatore, India.
148. **Kocher MS.** The Role of Hip Arthroscopy in Pediatric and Adolescent Patients. Invited Podium Presentation. Vail Hip Arthroscopy Course. February 2008, Vail, CO.
149. **Kocher MS.** Outcome Measures for Hip Arthroscopy. Invited Podium Presentation. Vail Hip Arthroscopy Course. February 2008, Vail, CO.
150. **Kocher MS.** Juvenile Osteochondritis Dissecans of the Knee. Invited Podium Presentation. Instructional Course Lecture: Pediatric Sports Medicine Operative Challenges and Solutions. 75<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2008, San Francisco, CA.
151. **Kocher MS.** Shoulder Injuries. Invited Podium Presentation. Instructional Course Lecture: Operative Management of Pediatric Upper Extremity Fractures. 75<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2008, San Francisco, CA.
152. **Kocher MS.** Rehabilitation and Management of Shoulder Instability. Invited Podium Presentation. Specialty Day. Orthopaedic Rehabilitation Association. 75<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2008, San Francisco, CA.
153. **Kocher MS.** Drilling and Microfracture for Juvenile OCD and Chondral Defects of the Knee. Specialty Day. Pediatric Orthopaedic Society of North America. 75<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2008, San Francisco, CA.
154. **Kocher MS.** ACL Injuries in the Pediatric Athlete. Invited Presentation. Herodicus Meeting, April 2008, Naples, FL.
155. **Kocher MS.** Shoulder Instability. Invited Presentation. One-Day Course. Annual Meeting of the Pediatric Orthopaedic Society of North America, April 2008, Albuquerque, NM.
156. **Kocher MS.** Juvenile Osteochondritis Dissecans of the Knee. Invited Presentation. One-Day Course. Annual Meeting of the Pediatric Orthopaedic Society of North America, April 2008, Albuquerque, NM.

157. **Kocher MS.** ACL Injuries in the Skeletally Immature Athlete. Invited Presentation. One-Day Course. Annual Meeting of the Pediatric Orthopaedic Society of North America, April 2008, Albuquerque, NM.
158. **Kocher MS.** Hip Injuries in the Young Athlete. Invited Presentation. One-Day Course. Annual Meeting of the Pediatric Orthopaedic Society of North America, April 2008, Albuquerque, NM.
159. **Kocher MS.** Management of ACL Injuries in the Skeletally Immature Patient. Invited Presentation. AAOS Course: Surgical Techniques for Managing Pediatric Orthopedic Sports. June 2008, Orthopaedic Learning Center, Rosemont, IL.
160. **Kocher MS.** Drilling for Juvenile Osteochondritis Dissecans of the Knee. Invited Presentation. AAOS Course: Surgical Techniques for Managing Pediatric Orthopedic Sports. June 2008, Orthopaedic Learning Center, Rosemont, IL.
161. **Kocher MS.** Arthroscopic Labral Repair of the Shoulder. Invited Presentation. AAOS Course: Surgical Techniques for Managing Pediatric Orthopedic Sports. June 2008, Orthopaedic Learning Center, Rosemont, IL.
162. **Kocher MS.** 1. Council on Sports Medicine & Fitness Program and Section on Orthopedics Joint Program. 2. Sports Injuries in the Adolescent Athlete. American Academy of Pediatrics National Conference & Exhibition. October 2008, Boston, MA.
163. **Kocher MS.** Surgical Techniques for ACL and Tibial Spine Injuries in Very Young Athletes. Invited Presentation. 5<sup>th</sup> Annual International Pediatric Orthopaedic Symposium presented by POSNA and AAOS. December 2008, Orlando, FL.
164. **Kocher MS.** First Time Shoulder Dislocation in the Young Contact Athletes: Surgery or Bracing in External Rotation. Invited Presentation. 5<sup>th</sup> Annual International Pediatric Orthopaedic Symposium presented by POSNA and AAOS. December 2008, Orlando, FL.
165. **Kocher MS.** Pediatric Sports Medicine Operative Challenges and Solutions: A Case Based Approach. Invited Presentation. 276<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2009, Las Vegas, NV
166. **Kocher MS.** Juvenile and Adult Osteochondritis Dissecans. Cases for the Best Operative and Non-Operative Treatment. Invited Presentation. 76<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2009, Las Vegas, NV
167. **Kocher MS.** Juvenile Osteochondritis Dissecans of the Knee. Invited Presentation. Annual Meeting of the Pediatric Orthopaedic Society of North America, April 2009, Boston, MA.

## LECTURES

1. **Kocher MS\***, Gebhardt MC, Mankin HJ. Osteoarticular Allograft Reconstruction of the Distal Radius after Skeletal Tumor Excision. Invited Lecture at the 9th Annual Richard J. Smith MD Memorial Hand Surgery Lecture Symposium. November 1997, Massachusetts General Hospital, Boston, MA.
2. **Kocher MS\***. Elbow Fractures in Children. Core Fracture Conference. Children's Hospital, Boston, MA. January 1998-present (every 6 months)
3. **Kocher MS\***. Knee Injuries in Children. Core Fracture Conference. Children's Hospital, Boston, MA. March 1998-present (every 6 months)
4. **Kocher MS\***, Zurakowski D, Kasser JR. Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-based Prediction Algorithm. Invited Lecture at the 13th Annual David Grice MD Memorial Pediatric Orthopaedic Lecture Symposium. November 1998, Children's Hospital, Boston, MA.
5. **Kocher MS\***, Ewald FC. Revision of Failed Capitellocondylar Total Elbow Arthroplasty. Invited Lecture at the 10th Annual Richard J. Smith MD Memorial Hand Surgery Lecture Symposium. November 1998, Massachusetts General Hospital, Boston, MA.
6. **Kocher MS\***. Invited Lecture for University of Toronto Surgical Epidemiology Grand Rounds. June 1999, Toronto, Ontario, Canada:
7. Cost-Effectiveness of Routine Pathologic Examination of Surgical Specimens from Primary Total Joint Replacement for Osteoarthritis.
8. Differentiating between Septic Arthritis and Transient Synovitis of the Hip in Children: An Evidence-Based Clinical Prediction Algorithm.
9. **Kocher MS\***. Knee Disorders in the Pediatric Athlete. Grand Rounds. Vail Valley Medical Center, Steadman Hawkins Clinic, Vail, CO. August 1999.
10. **Kocher MS\***. Outcomes after ACL Reconstruction. AOA North American Travelling Fellows Syposium Day. Steadman Hawkins Clinic, Vail, CO. October 1999.
11. **Kocher MS\***, Zurakowski D, Briggs K, Hawkins RJ, Katz JN, Steadman JR. Determinants of Patient Satisfaction after Anterior Cruciate Ligament Reconstruction. Podium Presentation at the 10<sup>th</sup> Annual Steadman Hawkins Fellows' Conference. December 1999, Vail, CO.
12. **Kocher MS\***. Clinical Epidemiology and Biostatistics: An Overview. Steadman Hawkins Clinic Academic Conference. Steadman Hawkins Clinic, Vail, CO. August 2000.
13. **Kocher MS\***. Pediatric Sports Medicine. Boston Children's Hospital pediatric CME lecture. Lexington, MA. September 2000.
14. **Kocher MS\***. Advanced Epidemiologic Methods: Expected-Value Decision Analysis. Invited Lecture at the 15<sup>th</sup> Annual David Grice MD Memorial Pediatric Orthopaedic Lecture Symposium. November 2000, Children's Hospital, Boston, MA.

15. **Kocher MS\***. Clinical Prediction Rules. EPI242ab Seminar. Harvard School of Public Health. December 2000, Boston, MA.
16. **Kocher MS\***. Orthopaedic Physical Examination: Ankle and Foot. Massachusetts League of Community Health Centers Seminar. Boston, MA. December 2000.
17. **Kocher MS\***. Clinical Epidemiology and Biostatistics: An Overview. Basic Science Conference. Children's Hospital, Boston, MA. December 2000.
18. **Kocher MS\***. Hip Arthroscopy. Harvard Orthopaedic Residency CORE Curriculum Conference. Boston, MA. January 2001.
19. **Kocher MS\***. Skiing Injuries. Keynote Address at Harvard Orthopaedic Residency Annual Ski Day. Waterville Valley, NH. February 2001.
20. **Kocher MS\***. Pediatric Femur Fractures: Current Controversies in Management. Orthopaedic Grand Rounds. Elliot Hospital. Manchester, NH. June 2001.
21. **Kocher MS\***. Orthopaedic Clinical Effectiveness: Applied Clinical Epidemiology and Biostatistics. Grand Rounds. Steadman Hawkins Clinic/ Vail Valley Medical Center. Vail, CO. July 2001.
22. **Kocher MS\***. Knee Injuries. Team Physician Course. Harvard Combined Orthopaedic Program. Boston, MA August 2001.
23. **Kocher MS\***. Shoulder Injuries. Team Physician Course. Harvard Combined Orthopaedic Program. Boston, MA August 2001.
24. **Kocher MS\***. Orthopaedic Aspects of Child Abuse. Core Fracture Conference. Children's Hospital, Boston, MA. March 2001-present (every 6 months).
25. **Kocher MS\***. Orthopaedic Clinical Effectiveness: Applied Clinical Epidemiology and Biostatistics. Grand Rounds. Harvard Combined Orthopaedic Program. Boston, MA. September 2001.
26. **Kocher MS\***. Orthopaedic Aspects of Child Abuse. Harvard Orthopaedic Residency CORE Curriculum Conference. Boston, MA. October 2001.
27. **Kocher MS\***. Little League Elbow. Children's Hospital Physical Therapy Department Seminars. Boston, MA. January 2002.
28. **Kocher MS\***. Knee Injuries in the Pediatric Athlete. Invited Lecture at the 2<sup>nd</sup> Annual Meeting of the New Hampshire Musculoskeletal Institute. Stowe, VT. March 2002.
29. **Kocher MS\***. Controversies in Pediatric Femur Fractures. Invited Lecture at the 2<sup>nd</sup> Annual Meeting of the New Hampshire Musculoskeletal Institute. Stowe, VT. March 2002.

30. **Kocher MS\***. Intoeing, Out-toeing, Bow-Legs and Knock-Knees. Boston Children's Hospital pediatric CME lecture. Peabody, MA. April 2002.
31. **Kocher MS\***. Knee Injuries in the Pediatric Athlete. Harvard Orthopaedic Residency CORE Curriculum Conference. Boston, MA. May 2002- (every 2 years).
32. **Kocher MS\***. Ethics. Harvard Orthopaedic Residency CORE Curriculum Conference. Boston, MA. May 2002- (every 2 years).
33. **Kocher MS\***. Orthopaedic Clinical Effectiveness: Improving Process and Outcome for Septic Arthritis of the Hip in Children. 16<sup>th</sup> Annual David Grice Lecture Day Series. Boston Children's Hospital. Boston, MA. November 2002.
34. **Kocher MS\***. Common Knee Injuries in the Youth Athlete. Children's Hospital/ NSTAR Symposium. Lexington, MA. April 2003.
35. **Kocher MS\***. Throwing Injuries in the Youth Athlete. Children's Hospital/ NSTAR Symposium. Lexington, MA. April 2003.
36. **Kocher MS\***. Knee Injuries in the Pediatric Athlete. Grand Rounds. New England Medical Center- Tufts Medical School. Boston, MA May 2003.
37. **Kocher MS\***. Injuries in the Pediatric and Adolescent Athlete: An Overview for Primary Care Physicians. Beverly Summit. Beverly, MA. October 2003.
38. **Kocher MS\***. Prediction Rules and Clinical Practice Guidelines: Clinical Effectiveness or Clinical Coersion? Annual Grice Day Lecture Series. Children's Hospital, Boston, MA. November 2003.
39. **Kocher MS\***. Hip Arthroscopy. Combined Sports Medicine/ Radiology Conference. Children's Hospital, Boston, MA. January 2004.
40. **Kocher MS\***. Upper Extremity Injuries in the Pediatric Athlete. Sports Medicine Conference. New England Medical Center- Tufts University School of Medicine. Boston, MA. January 2004.
41. **Kocher MS\***. Orthopaedic Clinical Effectiveness. ASG Visiting Fellow Conference. Harvard Combined Orthopaedic Residency Program. Boston, MA. March 2004.
42. **Kocher MS\***. Knee Injuries in the Pediatric Athlete. Sports Medicine- Shoulder Conference. Massachusetts General Hospital/ Harvard Combined Orthopaedic Program. Boston, MA. May 2004.
43. **Kocher MS\***. Labral Tears of the Hip. Physical Therapy Conference. Children's Hospital. Boston, MA. May 2004.
44. **Kocher MS\***. Psychometrics: Reliability, Validity, and Responsiveness of Outcome Instruments. Steadman Hawkins Sports Medicine Foundation Scientific Advisory Committee Meeting. Vail, CO. August 2004.

45. **Kocher MS\***. Pediatric Sports Medicine for the Primary Care Physician. Grand Rounds. South Shore Medical Center, Weymouth, MA. March 2005.
46. **Kocher MS**. Elbow Injuries. Harvard Orthopaedic Residency CORE Curriculum Conference. Boston, MA, April 2005.
47. **Kocher MS**. Knee Injuries in the Pediatric Athlete. Grand Rounds. Harvard Combined Orthopaedic Program. Boston, MA, April 2005.
48. **Kocher MS**. Knee Injuries in the Pediatric Athlete. Inaugural Marino Lecture and Sports Medicine Symposium. Children's Hospital Boston, Boston MA, September 2005.
49. **Kocher MS**. Pediatric Sports Medicine: Case Studies. Inaugural Marino Lecture and Sports Medicine Symposium. Children's Hospital Boston, Boston MA, September 2005.
50. **Kocher MS**. Clinical Epidemiology and Biostatistics: A Primer. *Arthroscopy* Editors Meeting. Winston-Salem, NC, October 2005.
51. **Kocher MS**. Decision Analysis and Cost-Effectiveness Analysis. *Arthroscopy* Editors Meeting. Winston-Salem, NC, October 2005.
52. **Kocher MS**. Clinical Effectiveness. Applied Clinical Epidemiology. Lecture to the Albany Medical College Orthopaedic Residency Program. Albany, NY, October 2005.
53. **Kocher MS**. Pediatric Sports Medicine. Postgraduate Course: Advances in Pediatric Health Care. Children's Hospital Boston. Braintree, MA, November 2005.
54. **Kocher MS**. Shoulder Injuries in the Adolescent Athlete: Evaluation prior to Referral. *Frontiers in Pediatric Surgical Specialties*. Waltham, MA, March 2006.
55. **Kocher MS**. ACL Injuries in the Skeletally Immature Athlete. Grand Rounds. Harvard Combined Orthopaedic Surgery Program. Boston, MA, September 2006.
56. **Kocher MS**. Shoulder Injuries in the Pediatric and Adolescent Athlete. 2<sup>nd</sup> Annual Marino Lecture and Pediatric Sports Medicine Symposium. Boston Children's Hospital. Boston, MA. September 2006.
57. **Kocher MS**. Case Studies: Pediatric and Adolescent Sports Medicine. 2<sup>nd</sup> Annual Marino Lecture and Pediatric Sports Medicine Symposium. Boston Children's Hospital. Boston, MA. September 2006.
58. **Kocher MS**. Upper Extremity Injuries in the Pediatric and Adolescent Athlete. Pediatric Grand Rounds. South Shore Hospital, Weymouth, MA. November 2006.
59. **Kocher MS**. Overuse Injuries in the Pediatric Athlete. Pediatric Grand Rounds. Cambridge Hospital. Cambridge, MA. November 2006.

60. **Kocher MS.** Orthopaedic Clinical Effectiveness: Applied Epidemiological Methods. Annual David Grice Lecture. Children's Hospital Boston. Boston, MA. November 2006.
61. **Kocher MS.** Knee Injuries in the Pediatric and Adolescent Athlete. Northeastern University Distinguished Lecture Series. May 2007, Boston, MA.
62. **Kocher MS.** Clinical Effectiveness Research. Invited Podium Presentation. Annual David Grice Lecture Series. October 2007, Boston, MA.
63. **Kocher MS.** Throwing Injuries of the Shoulder and Elbow. Harvard Medical School- 3rd year student lecture. October 2007, Boston, MA.
64. **Kocher MS.** Clinical Epidemiology and Biostatistics. Harvard Combined Orthopaedic Program, CORE Lecture. November 2007, Boston, MA.
65. **Kocher MS.** Knee Injuries in the Pediatric Athlete. Invited Lecture. Massachusetts Orthopaedic Association. April 2008, Waltham, MA.
66. **Kocher MS.** Knee Injuries in the Pediatric Athlete. Grand Rounds. New England Baptist Hospital, May 2008, Boston, MA.
67. **Kocher MS.** ACL Injuries in the Skeletally Immature Patient. Invited Lecture. New England Sports Medicine Fellows Conference. June 2008, Martha's Vineyard, MA.
68. **Kocher MS.** Juvenile Osteochondritis Dissecans of the Knee. Invited Lecture. New England Sports Medicine Fellows Conference. June 2008, Martha's Vineyard, MA.
69. **Kocher MS.** Clinical Epidemiology and Biostatistics. Invited Lecture. Steadman-Hawkins Research Foundation. July 2008, Vail, CO.
70. **Kocher MS.** Knee Injuries in the Young Athlete. Invited Lecture. Caritas Good Samaritan Medical Center. September 2008, Brockton, MA.
71. **Kocher MS.** Orthopedic Conditions and Injuries. Epidemiology of Diseases and Disorders of Childhood and Young Adults. Invited Lecture. Harvard School of Public Health. February 2009, Boston, MA.
72. **Kocher MS.** Orthopaedic Clinical Effectiveness: Applied Clinical Epidemiological Methods. Case presentations: 1. ACL injuries in Childrens and Adolescents 2. Juvenile OCD of the Knee. Invited Lecture. Department of Medicine. Children's Hospital Boston. March 2009, Boston, MA.
73. **Kocher MS.** Hip Injuries in Hoskey Players. Invited Presentation. 1st Annual Northeastern University Hockey Summit. Northeastern University, April 2009, Boston, MA.
74. **Kocher MS.** Clinical Epidemiology and Biostatistics. Harvard Combined Orthopaedic Program, CORE Lecture. May 2009, Boston, MA.

## CONFERENCES ORGANIZED

1. **Kocher MS.** 16<sup>th</sup> Annual David Grice Lecture Day Series. Boston Children's Hospital. Boston, MA. November 2002.
2. **Kocher MS.** EPOS Visiting Fellows Conference. Boston Children's Hospital. Boston, MA. April 2003.
3. Shea K, **Kocher MS.** Pediatric Sports Medicine Symposium at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2005, Ottawa, Canada.
4. **Kocher MS.** 1<sup>st</sup> Annual Marino Lecture and Pediatric Sports Medicine Symposium. Boston Children's Hospital. Boston, MA. September 2005.
5. **Kocher MS,** Busch M. Pediatric Sports Medicine Symposium at the Annual Meeting of the Pediatric Orthopaedic Society of North America. May 2006, San Diego, CA.
6. **Kocher MS.** 2<sup>nd</sup> Annual Marino Lecture and Pediatric Sports Medicine Symposium. Boston Children's Hospital. Boston, MA. September 2006.
7. **Kocher MS.** Instructional Course Lecture 403: Pediatric Sports Medicine Operative Challenges and Solutions: A Case Based Approach. 74<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2007, San Diego, CA.
8. **Kocher MS.** Symposium V: Management of Sports Injuries in the Adolescent Athlete. 74<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, February 2007, San Diego, CA.
9. **Kocher MS.** 3<sup>rd</sup> Annual Marino Lecture and Pediatric Sports Medicine Symposium. Boston Children's Hospital. Boston, MA. September 2007.
10. **Kocher MS.** Instructional Course Lecture: Knee Injuries in the Pediatric and Adolescent Athlete. International Pediatric Orthopaedic Symposium. November 2007, Orlando, FL.
11. **Kocher MS.** Instructional Course Lecture: Shoulder Injuries in the Pediatric and Adolescent Athlete. International Pediatric Orthopaedic Symposium. November 2007, Orlando, FL.
12. **Kocher MS.** Instructional Course Lecture: Hip Arthroscopy. International Pediatric Orthopaedic Symposium. November 2007, Orlando, FL.
13. **Kocher MS.** Instructional Course Lecture: Pediatric Sports Medicine Operative Challenges and Solutions. 75<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2008, San Francisco, CA.

14. **Kocher MS.** Cartilage Injuries in the Pediatric Athlete Symposium. Specialty Day. Pediatric Orthopaedic Society of North America. 75<sup>th</sup> Annual Meeting of the American Academy of Orthopaedic Surgeons, March 2008, San Francisco, CA
15. Chambers H, **Kocher MS.** AAOS-POSNA Orthopaedic Learning Center Course: Pediatric Sports Medicine, June 2008, Chicago, IL.
16. **Kocher MS.** 4<sup>th</sup> Annual Marino Lecture and Pediatric Sports Medicine Symposium. Boston Children's Hospital. September 2008, Boston, MA.
17. **Kocher MS,** Kasser JM. Local Hosts. Pediatric Orthopaedic Society of North America. April 2009, Boston, MA.
18. **Kocher MS,** Stuart M. Preserving the Future of Sport: From Prevention to Treatment of Youth Overuse Sports Injuries. Pre-Conference Symposium. AOSSM Annual Meeting. July 2009, Keystone, CO.
19. **Kocher MS.** 5<sup>th</sup> Annual Marino Lecture and Pediatric Sports Medicine Symposium: Dance Injuries. Boston Children's Hospital. September 2009, Boston, MA.

#### VIDEO/ MULTIMEDIA

1. **Kocher MS,** Sterett WI. Hip Arthroscopy: Indications, Technique, and Results. Video Presentation at the 68th Annual Meeting of the American Academy of Orthopaedic Surgeons. March 2001, San Francisco, CA.
2. **Kocher MS.** Physseal-Sparing ACL Reconstruction in the Prepubescent Patient. Video Journal of Orthopaedics, 2006, vol 21 (1).
3. **Kocher MS.** Transphyseal ACL Reconstruction in the Skeletally Immature Adolescent Patient. Video Journal of Orthopaedics, 2006, vol 21 (2).