

**Mark Ritter, M.D.**

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**EDUCATION:**

- 2005-2006 San Diego Arthroscopy and Sports Medicine Fellowship  
University of California, San Diego  
San Diego, California  
Directors: James P. Tasto, M.D., Robert Pedowitz, M.D.
- 2004-2005 Orthopaedic Trauma Fellow, Clinical Instructor  
Brown University, Department of Orthopaedics  
Rhode Island Hospital  
Providence, Rhode Island  
Director: Peter G Trafton, M.D.
- 2000-2004 Resident, Orthopaedic Surgery  
Brown University, Department of Orthopaedics  
Rhode Island Hospital  
Providence, Rhode Island  
Director: Michael G. Ehrlich, M.D.
- 1999-2000 Intern, General Surgery  
Brown University, Department of Surgery  
Rhode Island Hospital  
Providence, Rhode Island  
Director: Kirby Bland, M.D.
- 1995-1999 University of Iowa College of Medicine, Iowa City, Iowa  
Doctor of Medicine, May 1999.
- 1991-1995 Luther College, Decorah, Iowa  
B.A., Biology Major with Chemistry Minor
- 1987-1991 Pleasant Valley High School, Pleasant Valley, Iowa

**RESEARCH INTERESTS:**

1. "Effect of Intra-articular Bupivacaine on EMG response during Knee Perturbation Testing."  
Principle Investigators: Paul Fadale M.D. Braden Fleming, PhD.
2. "Outcomes of Ulnohumeral Arthroplasty for Arthritis."  
Principle Investigator: Andrew Green M.D.
3. "Bacterial Contamination of Surgical Extremity Tourniquets."  
Principle Investigator: Christopher DiGiovanni M.D.
4. "Access and Use of the Internet in a Hand Surgery Population."  
Principle Investigator: Edward Akelman M.D.
5. "Reduction of Stress Risers in Bone after Hardware Removal."

- Principle Investigator: Paul Fadale M.D.
6. "Lateral Approach to the Tibio-talar Joint for Ankle Arthroplasty."  
Principle Investigator: Christopher DiGiovanni M.D.
7. "Anti-Nociceptive Effects of Bipolar Radiofrequency Energy."  
Principle Investigator: James Tasto M.D.
8. "Bipolar versus Monopolar Radiofrequency energy."  
Principle Investigator: James Tasto M.D.

#### **PUBLICATIONS:**

1. Tashjian RZ, **Ritter M**, Wolf JM, Weiss AP, Green A. Functional Outcomes and General Health Status after Ulnohumeral Arthroplasty for Degenerative Elbow Arthritis. Journal of Shoulder and Elbow Surgery 8/2005. Primary
2. Nickisch F, **Ritter M**, Tashjian R, Terek R, DiGiovanni CW: "Primary Malignant Non-Hodgkin Lymphoma of the Talus: A case report" Foot & Ankle International, 7/2005
3. Walsh E, Mermel L., **Ritter M**, Mechrefe A, DiGiovanni CW. Extremity Tourniquets as Bacterial Carriers. Accepted: Orthopaedics, 2006.
4. Wolf JM, **Ritter M**, Weiss, APC, Akelman E, Access and use of the Internet in a hand surgery population. Published: Hand Surgery, 7/2004.
5. **Ritter M**, Nickisch F, DiGiovanni C, Posterior Blade Plate for Salvage of Failed Total Ankle Arthroplasty. Published Foot and Ankle International 4/2006.
6. Fleming B, Oksendahl H, Blanpied P, **Ritter M**, Hulstyn M, Fadale P. Intra-articular Anesthesia Does Not Alter Knee Muscle Reflex Patterns. Submitted Medicine and Science in Sports and Exercise 1/2006.
7. Takahashi N, Tasto J, **Ritter M**, Ochiai N, Ohtori S, Moriya H, Amiel D. Pain Relief through Anti-Nociceptive Effect after Radiofrequency Application. Accepted AJSM 9/2006.

#### **PRESENTATIONS:**

##### Athletic Injury Prevention

Grand Rounds University of California, San Diego School of Medicine  
San Diego, California, June 2006.

The Effect of Intra-Articular Bupivacaine on Muscle Response in the Knee  
Ritter M, Fleming B, Oksendahl H, Blanpied P, Hulstyn M, Fadale P.

Presented to ConMed Linvatec 13<sup>th</sup> Residents' and Fellow's Conference  
Palm Island, Florida May, 2006.

The Effect of Intra-articular Anesthesia on Leg Muscle Reaction during Perturbation Testing. Fleming B, Blanpied P, Ritter M, Oksendahl H, Hulstyn M, Fadale P.

Presented to Annual Meeting of Orthopaedic Research Society  
Chicago, Illinois March 2006.

Effects of Bupivacaine with Knee Joint Perturbation  
Danforth Oration, Brown University School of Medicine  
Providence, Rhode Island May 2005.

Effects of Intra-articular anesthesia on knee muscle reaction during perturbation.  
Oksendahl H, Fleming B, Ritter M, Blanpied P.  
Presented to American Physical Therapists Association  
San Diego, California February 2006.

Sideline Management of Sports Injuries.  
Presented to the Musculoskeletal Interest Group, Brown University School of Medicine  
Providence, Rhode Island May, 2003.

Grand Rounds: Sports Event Coverage.  
Presented to the Brown University School of Medicine, Department of Orthopaedics,  
Providence, Rhode Island April, 2003.

Functional Outcomes and General Health Status after Ulnohumeral Arthroplasty.  
Tashjian R, Ritter M, Wolf J, Weiss AP, Green A. Presented at Shoulder and Elbow  
Society Meeting, Las Vegas, Nevada November, 2003.

Access and use of the Internet in a hand surgery population. Wolf JM., Ritter M., Weiss, APC., Akelman E.  
Presented to the New England Hand Society Sturbridge, Massachusetts December 2001.

#### **TEACHING CONFERENCES:**

AANA Masters Experience Resident's Course. OLC. Laboratory Faculty. March 2006.  
San Diego Shoulder Meeting Dr. Jim Esch. Laboratory Faculty. June 2006.

#### **LECTURES:**

##### Applied Anatomy of the Knee

University of California, San Diego Sports Medicine Fellowship  
University of California, San Diego, September 2005.

##### Orthopaedic Basic Science Biomechanics

Brown University School of Medicine, Department of Orthopaedic Surgery  
Providence, Rhode Island, November, 2003.

##### Surgical Approaches to the Thoracolumbar Spine

Brown University School of Medicine, Department of Orthopaedic Surgery  
Providence, Rhode Island, September, 2003.

##### Mangled Extremities: Emergency Management and Treatment

Brown University School of Medicine, Department of Emergency Medicine  
Providence, Rhode Island, July, 2003.

##### Surgical Approaches to the Hand and Forearm

Brown University School of Medicine, Department of Orthopaedics  
Providence, Rhode Island, September, 2002.

##### Infected Arthroplasties: Evaluation and Treatment

Brown University School of Medicine, Department of Orthopaedics  
Providence, Rhode Island, May, 2002.

Evaluation and Treatment of Compartment Syndromes

Brown University School of Medicine, Department of Emergency Medicine  
Providence, Rhode Island, September, 2001.

Diagnosis and Evaluation of Common Hand Problems

Brown University School of Medicine, Department of Internal Medicine  
Providence, Rhode Island, October, 2001.

**ACDEMIC AND CLINICAL APPOINTMENTS**

- 2006 Clinical Instructor Methodist Sports Medicine Center Sports Medicine Fellowship, Indianapolis, Indiana.
- 2005-2006 Assistant Clinical Instructor in Sports Medicine, Veterans Affairs, San Diego, California.
- 2004-2005 Assistant Clinical Instructor in Orthopaedics, Brown Medical School.
- 2004-2005 Junior Attending Faculty, University Orthopaedics Incorporated.

**CONSULTING POSITIONS**

- 2005 Product testing for Pegasus Corporation
- 2004 Instructional Lecture for Opus Corporation
- 2003-2004 Product testing for Mitek Corporation

**ATHLETIC TEAM COVERAGE:**

- 2005-2006 San Diego Gulls Professional Hockey Team, East Coast Hockey League (Drs. Steven Tradonsky, Jonathon Myer, San Diego Sports Medicine)
- 2005-2006 San Diego Padres Professional Baseball Team, Major League Baseball (Drs. Jan Fronck, Heinz Hoenecke, Scripps Clinic Orthopaedics)
- 2005-2006 University of California, San Diego Team and Game Coverage (Dr. Robert Pedowitz, UCSD Sports Medicine)
- 2005-2006 San Diego State University Football, Soccer, and Basketball Teams (Drs. Chris Behr, Peter Wile, San Diego Orthopaedic Associates)
- 2005 Grossmont Community College Football Team and Game Coverage  
2005 Junior College National Champions.  
(Drs. James Tasto, Jonathon Myer, San Diego Sports Medicine)
- 2004-2005 Providence Bruins Professional Hockey Team, American Hockey League (Drs. Paul Fadale, Michael Hulstyn, Brown University Orthopaedics)
- 2003-2004 Brown University Bears Varsity Football Team and Game Coverage (Dr. Paul Fadale, Brown University Orthopaedics)
- 2002-2004 Brown University Bears Varsity Hockey Team and Game Coverage (Dr. Paul Fadale, Brown University Orthopaedics)
- 2000-2004 Central Providence Public High School Football Game Coverage (Dr. Michael Hulstyn, Brown University Orthopaedics)

**EVENT COVERAGE:**

- 2005 Thunderboat Races, Mission Bay, San Diego CA

- 2004 World Wrestling Entertainment- Raw, Dunkin' Donuts Center, Providence, RI
- 2004 NCAA Women's Ice Hockey Final Four, Dunkin Donuts Center Providence, RI

**CERTIFICATIONS:**

Advanced Cardiac Life Support  
Basic Life Support  
Advanced Trauma and Life Support

**COURSES:**

- June 2006: San Diego Shoulder Meeting. James Esch M.D.  
San Diego, CA.
- May 2006: ConMed Linvatec 13<sup>th</sup> Annual Resident's and Fellow's Conference.  
Palm Island, FL.
- April 2006: Ankle and Subtalar Arthroscopy  
Carlsbad, CA.
- January 2006: Comprehensive approaches to Articular Cartilage Repair and Management  
Carlsbad, CA.
- January 2006: International Cartilage Repair Society 6<sup>th</sup> Annual Symposium  
San Diego, CA.
- October 2005: Shoulder Surgery Controversies. Wesley Nottage, M.D.  
Newport Beach, CA.
- October 2005: Arthroscopic Shoulder Skills. Robert Hunter, M.D.  
Tucson, AZ.
- February 2005: American Academy of Orthopaedic Surgeon's Annual Meeting,  
Washington D.C.
- October 2003: Master's Experience, Comprehensive Knee Arthroscopic Skills Course,  
Rosemont, IL.
- February 2003: American Academy of Orthopaedic Surgeon's Annual Meeting, New Orleans, LA.
- October 2002: Orthotics and Prosthetics, University of Texas Southwestern Medical Center, Dallas, TX.
- May 2001: AO ASIF Principles of Fracture Management  
Ponte Verde Beach, FL.
- March 2001: Tufts University Orthopaedic Pathology Course, Boston, MA.

**COMMITTEES:**

- 2003-2004 Chairman; Teaching Conference Committee, Brown University Department of Orthopaedic Surgery. Coordinated daily resident teaching conferences, arthroscopy labs, and cadaver dissection.
- 2003-2004 Council of Chief Residents, Rhode Island Hospital.

**PROFESSIONAL ACTIVITIES**

Member: Indiana Orthopaedic Society  
Member: California Medical Society  
Member: American Academy of Orthopaedic Surgeons  
Member: American Medical Association

Member: Arthroscopy Association of North America  
Member: Phi Rho Sigma Medical Society  
Member: San Diego County Medical Society

**INTERESTS/PERSONAL:**

3 Younger Brothers (M.D., D.V.M., D.D.S.)  
Sports, Reading, Travel, Family, Woodworking