

# SEAN BARAN, M.D.

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Denver, CO 80218  
303-321-1333

## CURRENT PRACTICE

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Western Orthopaedics, P.C. 2016 - Present  
Denver, CO

## PREVIOUS ACADEMIC APPOINTMENTS

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Visiting Instructor in Orthopedic Sports Medicine 2015 - 2016  
Department of Orthopedic Surgery, University of Utah, Salt Lake City, UT

## POST-GRADUATE MEDICAL TRAINING

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**Fellowship, Orthopedic Sports Medicine** 2015 – 2016  
▪ University of Utah, Department of Orthopedic Surgery  
▪ Salt Lake City, UT

**Internship and Residency** 2010 – 2015  
▪ Mayo Clinic, Department of Orthopedic Surgery  
▪ Rochester, MD

## EDUCATION

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**M.D., University of Colorado School of Medicine** 2006 – 2010  
▪ Aurora, CO  
▪ Alpha Omega Alpha (AOA)

**B.A., University of Colorado at Boulder** 2002 – 2006  
▪ Boulder, CO  
▪ Major: Biochemistry; Minor: Chemistry  
▪ *Summa Cum Laude*

## BOARD CERTIFICATION

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ABOS Part I - passed 2015  
USMLE Steps 1, 2 (CK and CS), and 3 - passed 2008 – 2011

## MEDICAL LICENSURE

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Colorado (Active)  
Utah (Active)  
DEA (Current)

## HONORS/AWARDS

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**Outstanding Achievement Award in Clinical Competence** 2015  
Mayo Clinic, Department of Orthopedic Surgery

**Administrative Chief Resident** 2015  
Mayo Clinic, Department of Orthopedic Surgery

**Best Poster, Tumor and Basic Science Division** 2014  
AAOS Annual Meeting, New Orleans, LA

**Alpha Omega Alpha** 2010  
University of Colorado School of Medicine

<b>William Winter Memorial Award for Outstanding Performance in Orthopedics</b>	2010
University of Colorado School of Medicine	
<b>Summa Cum Laude and Honors designation in Biochemistry</b>	2006
University of Colorado at Boulder	
<b>Dean's List, all semesters attended</b>	2002 – 2010
University of Colorado at Boulder	
<b>Jakob VanEk Scholar Award</b>	2005
Given for superior academic achievement and service to community	
University of Colorado at Boulder	
<b>Daniel L. Touff Scholar Award</b>	2005 and 2006
Given for outstanding student in Chemistry and Biochemistry	
University of Colorado at Boulder	
<b>Chris Severy Award for Excellence in Undergraduate Research</b>	2005
University of Colorado at Boulder	
<b>Outstanding Student Athlete of the Year</b>	2002
Colorado Springs Metro Wrestling Championships	

### SPORTS TEAM COVERAGE

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University of Utah Division I Football	2015 – 2016
<ul style="list-style-type: none"> <li>▪ Assistant team physician</li> <li>▪ Salt Lake City, UT</li> </ul>	
University of Utah Division I Athletics	2015 – 2016
<ul style="list-style-type: none"> <li>▪ Assistant team physician</li> <li>▪ Salt Lake City, UT</li> </ul>	
Herriman High School Varsity Football	2015
<ul style="list-style-type: none"> <li>▪ Team Physician</li> <li>▪ South Jordan, UT</li> </ul>	
Salt Lake City Area High Schools Pre-Participation Examinations	2016
<ul style="list-style-type: none"> <li>▪ Salt Lake City, UT</li> </ul>	
Rochester Ice Hawks Junior Hockey	2013 – 2015
<ul style="list-style-type: none"> <li>▪ Assistant team physician</li> <li>▪ Rochester, MN</li> </ul>	
Kingsland High School Varsity Football	2011 – 2014
<ul style="list-style-type: none"> <li>▪ Team Physician</li> <li>▪ Spring Valley, MN</li> </ul>	
Rochester Area High Schools Annual Sports Pre-Participation Examinations	2012, 2013
<ul style="list-style-type: none"> <li>▪ Mayo Clinic, Rochester, MN</li> </ul>	

### PEER-REVIEWED PUBLICATIONS

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- 1) **Baran S**, Belisle JG, Granger EK, Tashjian RZ. Functional and Radiographic Outcomes after Allograft Anatomic Coracoclavicular Ligament Reconstruction. *JOT*. In submission.
- 2) **Baran S**, Ramaesh R, Bringe KE, Shin AY, Kakar S. Does Immediately Following a Dirty Case with a Clean Case Predict Infection. *JHS*. In Submission.
- 3) Krych AJ, Shindle, **Baran S**, Warren RF. Isolated arthroscopic rotator interval closure for shoulder instability. *Arthrosc Tech*. 2013 Dec 14; 3(1):e35-8.
- 4) **Baran S**, Krych AJ, Dahm DL. Arthroscopic repair of the floating posterior-inferior glenohumeral ligament lesion. *Arthrosc Tech*. 2013 Jun 7;2(3):e209-12.
- 5) **Baran S**, Price C, Hak DJ. Diagnosing joint infections: synovial fluid differential is more sensitive than white blood cell count. *Eur J Orthop Surg Traumatol*. 2013 Oct [Epub ahead of print]

- 6) Krych AJ, **Baran S**, Kuzma SA, Smith HM, Johnson RL, Levy BA. Utility of multimodal analgesia with fascia iliaca blockade for acute pain management following hip arthroscopy. *Knee Surg Sports Traumatol Arthrosc.* 2014 Apr; 22(4):843-7.
- 7) Hak DJ, **Baran S**, Stahel P. Sacral fractures: current strategies in diagnosis and management. *Orthopedics.* 2009 Oct; 32(10).
- 8) Hieb AR, **Baran S**, Goodrich JA, Kugel JF. An 8 nt RNA triggers a rate-limiting shift of RNA polymerase II complexes in elongation. *EMBO J.* 2006 Jul 12; 25(13):3100-9.
- 9) Functional and Radiographic Outcomes After Allograft Anatomic Coracoclavicular Ligament Reconstruction. **Baran S**, Belisle JG, Granger EK, Tashjian RZ. *J Orthop Trauma.* 2018 Apr;32(4):204-210. doi: 10.1097/BOT.0000000000001079.PMID:
- 10) A Comprehensive Evaluation of Factors Affecting Healing, Range of Motion, Strength, and Patient-Reported Outcomes After Arthroscopic Rotator Cuff Repair. Wylie JD, **Baran S**, Granger EK, Tashjian RZ. *Orthop J Sports Med.* 2018 Jan 16;6(1):2325967117750104. doi: 10.1177/2325967117750104. eCollection 2018 Jan.
- 11) Factors influencing direct clinical costs of outpatient arthroscopic rotator cuff repair surgery. Tashjian RZ, Belisle J, **Baran S**, Granger EK, Nelson RE, Burks RT, Greis PE. *J Shoulder Elbow Surg.* 2018 Feb;27(2):237-241. doi: 10.1016/j.jse.2017.07.011. Epub 2017 Sep 28.

## NATIONAL/REGIONAL PRESENTATIONS

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- Poster presentation at the Mid-America Orthopedic Association Annual Meeting
  - Baran S, Krych AJ, Kuzma SA, Smith HM, Jonson RL, Levy BA. Utility of Fascia Iliacus Blocks for Early Postoperative Pain Management Following Hip Arthroscopy.
  - San Antonio, TX; April 23-27, 2014
- Podium presentation at the Mid-America Orthopedic Association Annual Meeting
  - Baran S, Ramaesh R, Bringe KE, Shin AY, Kakar S. Does Immediately Following a Dirty Case with a Clean Case Predict Infection?
  - San Antonio, TX; April 25, 2014
- Poster presentation at the American Academy of Orthopedic Surgeons
  - Baran S, Ramaesh R, Bringe KE, Shin AY, Kakar S. Does Immediately Following a Dirty Case with a Clean Case Predict Infection?
  - New Orleans, LA; March 11-15, 2014
- Poster presentation at the Orthopaedic Research Society Annual Meeting
  - Baran S, Ramaesh R, Bringe KE, Shin AY, Kakar S. Does Immediately Following a Dirty Case with a Clean Case Predict Infection?
  - New Orleans, LA; March 15-18, 2014
- Poster presentation at the American Academy of Orthopedic Surgeons
  - Hak DJ, Baran S, Price C. Diagnosing Joint Infection: Synovial Fluid Differential is More Sensitive than White Cell Count.
  - New Orleans, LA; March 9-13, 2010
- Poster presentation at the University of Colorado, Boulder Annual Research Symposium
  - Baran S. 5'mRNA Capping in Eukaryotic Transcription Regulation.
  - Boulder, CO; April 2006.

## PROFESSIONAL COURSES & MEETINGS

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- 2016 American Orthopaedic Society for Sports Medicine Annual Meeting
  - Colorado Springs, CO; July 6-10, 2016
- Stryker Hip Arthroscopy Course
  - Las Vegas, NV; May 20-21, 2016
- Arthrex Sports Medicine Fellowship Forum
  - Naples, FL; June 9-10, 2016

- 2014 Mid-America Orthopedic Association Annual Meeting
  - San Antonio, TX; April 23-27, 2014
- 2014 American Academy of Orthopaedic Surgeons Annual Meeting
  - New Orleans, LA; March 11-15, 2014
- Stryker Hip and Knee Course
  - Mahwah, NJ; August 8-10, 2013
- DePuy Introduction to Hip & Knee Arthroplasty
  - San Diego, CA; August 11-13, 2011
- AO Basic Principles and Techniques of Operative Fracture Management
  - Chicago, IL; August 4-7, 2011
- 2010 American Academy of Orthopaedic Surgeons Annual Meeting
  - New Orleans, LA; March 9-13, 2010

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### **PROFESSIONAL ORGANIZATION MEMBERSHIPS**

American Academy of Orthopedic Surgery (AAOS), Resident Member  
 American Orthopedic Society for Sports Medicine, Candidate Member  
 Arthroscopy Association of North American, Fellow Member (pending)  
 Alpha Omega Alpha, Member  
 Colorado Medical Alumni Association, Member

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### **OTHER LEADERSHIP POSITIONS / ACCOMPLISHMENTS**

Administrative Chief Resident	2015
<ul style="list-style-type: none"> <li>▪ Mayo Clinic, Department of Orthopedic Surgery</li> </ul>	
Nutrition and Preventative Health Student Interest Group, Co-President	2006 – 2008
<ul style="list-style-type: none"> <li>▪ University of Colorado School of Medicine</li> </ul>	
University of Colorado at Boulder Wrestling Club, Captain	2002 – 2006
<ul style="list-style-type: none"> <li>▪ Three-time National Collegiate Wrestling Association National Tournament qualifier</li> </ul>	

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### **OUTSIDE INTERESTS / HOBBIES**

Skiing, cycling, running, hiking, camping, reading, travel