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**Dr. Brian Solberg, MD**Board-Certified in Orthopaedic Surgery

Board-certified surgeon with more than 25 years of clinical expertise.

# **EDUCATION**

- Westminster College Salt Lake City, UT (1983-1987)
  Bachelor of Science in Chemistry (Cum Laude)
- University of Maryland College Park, MD (1989-1993)
  Doctor of Medicine (Magna Cum Laude)
- Yale University, School of Medicine New Haven, CT (1993-1994)
  General Internship
- Yale University, School of Medicine New Haven, CT (1994-1998)
  Orthopaedic Residency
- University of California, Davis Davis, CA (1998-1999)
  Orthopaedic Trauma Fellowship

### **PROFESSIONAL EXPERIENCE**

- Private Practice, Los Angeles, CA (2008-present)
- Keck USC School of Medicine Assistant Clinical Professor (2007-present)
- Cedars-Sinai Medical Center Director of Orthopaedic Trauma Services (2001-2008)
- OrthoMed Center Orthopaedic Surgeon (2000-2001)

# **LICENSURE AND CERTIFICATION**

- State Licensure: California (1998-present)
- Qualified Medical Examiner (2002-present)

### **PROFESSIONAL MEMBERSHIPS**

- Diplomate, National Board of Medical Examiners (1994)
- Diplomate, American Board of Orthopaedic Surgery (2004)
- Fellow, American Academy of Orthopaedic Surgeons (1998-present)
- Fellow, Orthopaedic Trauma Association (1999-present)
- Fellow, Yale Orthopaedic Association (1999-present)
- Fellow, California Orthopaedic Association (2000-present)
- Fellow, Western Orthopaedic Association (2005-present)
- AO North America Faculty (2003-present)

#### **HONORS AND AWARDS**

- Wayne W. Babcock Award for Excellence in Surgery (1993)
- Ira S. Goldenberg Junior Housestaff Award (1994)

### **RESEARCH & PUBLICATIONS**

# **Publications**

Patchen ML, MacVittee TJ, Solberg BD, Souza LM. Therapeutic administration of recombinant granulocyte colony stimulating factor (rhG-CSF) accelerates hemopoietic regeneration and enhances murine survival in a murine model of radiation-induced myelosuppression. 1990. *In J Cell Cloning* **8**:107-122

Patchen ML, MacVittee TJ, Solberg, BD, Souza LM. Survival enhancement and hemopoietic regeneration following radiation exposure. Therapeutic approach using Glucan and Granulocyte colony simulating factor. 1990 *Exp Hematol* **18:** 1042-4018

Patchen ML, MacVittee TJ, Solberg BD. Radioprotection by polysaccharides alone and in combination with aminothiols. 1992 *Adv Space Res* **12** (2): 233-248

Baumgaertner MR, Solberg BD. Awareness of tip-apex distance reduces failure of fixation of of of the hip. 1997 *J Bone Joint Surgery* **75-B** (6)

Solberg BD, Baumgaertner MR. The efficacy of gentamycin impregnated resorbable calcium phosphate cement in treating osteomyelitis in a rat model. 1999 *J Orthop Trauma* **13 (2)**: 102-106

Huo MH, Solberg BD, Zatorski LE, Keggi KJ. Total hip replacements done without cement after acetabular fractures: a 4 to 8-year follow-up study. 1999, *J Arthroplasty*, Oct 14(7); 827-31

Olson SA, Solberg BD. Biomechanics of injuries to the acetabulum, pelvic ring and fracture fixation. In American Academy of Orthopaedic Surgeons: Upadate on Trauma 2<sup>nd</sup> Ed. 2000

Solberg BD. Repair of Clavicular fractures, Cubside Consultations in Orthopaedics, Walter Virkus MD, ed, Slack Inc, Chicago, 2008

Solberg BD, Moon CN, Franco DP. Use of a trochanteric flip osteotomy improves outcomes in Pipkin IV fractures. *Clin Orthop Re/at Res.* 2009 Apr, 467(4) 929-33

Solberg BD, Moon CN, Franco DP, Paiement GD. Locked plating of 3- and 4- part proximal humerus fractures in older patients: the effect of initial fracture pattern on outcome. *J Orthop Trauma*, 2009 Feb; 23 (2): 113-9

Solberg BD, Moon CN, Franco DP, Margulies DP. Treatment of Implosion flail chest without thoracotomy: Technique and clinical outcomes. *Journal a/Trauma* 67(1):8-13, July 2009.

Solberg BD, Moon CN, Franco DP, Paiement DP. Surgical Treatment of Three and Four Part Proximal Humerus Fractures. *J Bone Joint Surg*, 2009 Jul, 91-A (7), 1689-1697

Solberg BD, Moon CN, Franco DP, Paiement DP. Comparison of Open vs. Closed reduction for intramedullary tibial nailing, *J Orthop Trauma* in press

# **National/Regional Presentations**

"Humeral Head Perforation: Is it really that Bad?" Poster Presentation, WOA Annual Meeting, Seattle, WA; July 2009

"Multipart Proximal Humerus Fractures: Which Ones Should We Fix?" Poster Presentation, WOA Annual Meeting, Seattle, WA; July 2009

"Humeral head osteonecrosis: Risk factors and outcomes in elderly patients" Podium Presentation, WOA Annual Meeting, Seattle, WA; July 2009

"Comparison of Open vs. Closed Reduction for IM tibial nailing" Podium Presentation, WOA Annual Meeting, Seattle, WA; July 2009

"Proximal Humerus fractures in osteoporotic patients: Hemi vs. ORIF?" Grand Rounds, Keck USC School of Medicine, Department of Orthopaedic Surgery, March 6, 2009

"Osteoporotic 3-and 4- part proximal humerus fractures: which ones should we plate?" Podium presentation AAOS annual meeting, Las Vegas, NV. Feb 2009

"Humeral head osteonecrosis: Risk Factors and outcomes in elderly patients." Podium presentation, AAOS annual meeting, Las Vegas, NV. Feb 2009

"Proximal Humerus fractures in osteoporotic patients: Hemi vs. ORIF?" OTA highlight paper, AAOS annual meeting, Las Vegas, NV. Feb 2009

"Comparison of Open vs. Closed Reduction for IM tibial nailing" Poster presentation, AAOS annual meeting, Las Vegas, NV. Feb 2009

"Humeral Head Perforation: Is it really that Bad?" Poster presentation, AAOS annual meeting, Las Vegas, NV. Feb 2009

"ORIF vs. Hemiarthroplasty for 3 and 4 part osteoporotic proximal humerus fractures" Podium Presentation, OTA annual meeting, Denver, CO Oct2008

"Repair of Implosion Flail Chest without Thoracotomy: Technique and Outcomes" Poster Presentation, AAST Annual Meeting, Kapalua, Hawaii, Sept 2008

"ORIF vs. Hemiarthroplasty for 3 and 4 part osteoporotic proximal humerus fractures" 6<sup>th</sup> Annual Orthopaedic Trauma Symposium, Instituto Nacional De Traumatologica e Orthopeda (INTO), Rio De Janeiro September 19, 2008

"ORIF vs. Hemiarthroplasty for 3 and 4 part osteoporotic proximal humerus fractures" Grand Rounds, University of New Mexico, September I 0, 2008

"Effects of malreduction on outcomes in osteoporotic proximal humerus fractures" Western Orthopaedic Association annual meeting, Kapalua, Maui, July 2007

"3 and 4 part proximal humerus fractures, ORIF vs. Hemiarthroplasty" OTA annual meeting, Boston, MA October 2007

"Use of locking implants for treatment of 3 and 4 part proximal humerus fractures" Invited Lecturer, International Summit for Orthopaedic Trauma, Guangzhou, China, March2007

"ORIF vs. Hemiarthroplasty for 3 and 4 part osteoporotic proximal humerus fractures" Podium presentation, AAOS annual meeting, San Diego, CA, Feb 2007

"Operative Treatment of Distal Humerus Fractures" Grand Rounds Presentation, Department of Orthopaedic Surgery, University of New Mexico, Nov 2006

"ORIF vs. Hemiarthroplasty for 3 and 4 part osteoporotic proximal humerus fractures" Podium presentation, OTA annual meeting, Scottsdale, AZ, Oct 2006

"Fracture Care Basics" Cedars Sinai Orthopaedic Center Symposium; "Office Orthopaedics" May 2006

"Proximal Humerus fractures: New Developments" California Orthopaedic Association annual

meeting, Carlsbad, CA May 2006

"Pelvic Fractures: Acute management:" AONA OR Personnel Course, Pasadena, CA February 2006

Acute Management of Pelvic Ring Injuries, Dept of Surgery Grand Rounds, Cedars Sinai Medical Center January 2006

"Femoral neck fractures: ORIF v. Hemi-arthroplasty" Zimmer National Residents course, sponsored by Zimmer, Pasadena, CA Nov 2005

"Treatment of Pipkin IV fractures with digastric trochanteric flip and surgical dislocation". Poster Presentation at the Orthopaedic Trauma Association Meeting, October 2005.

"Management of Acetabular fractures". Presented at the AO ASIF course in Del Mar, CA. Sponsored by Synthes, August, 2005.

"Treatment of Pipkin IV fractures using digastric trochanteric flip" Podium presentation, WOA national meeting, Kona, HI July 2005

Role of locked plating in osteoporotic proximal humerus fractures, California Orthopaedic Association annual meeting, Palm Springs, CA May 2005

"Use of locked plates in Periprosthetic Femur Fractures" Presented at Locking Plate Symposium Sponsored by Synthes. Pasadena CA. April, 2005.

"Reamed v. Non-reamed femoral nailing" AO-ASIF Residents course, Sun Valley, ID March2005

"What's new in Trauma: Current areas of debate" University of California, Irvine Department of Orthopaedic Surgery Grand Rounds, February 2005

"Use of Surgical Dislocation for Acetabular Fractures". University of Miami, Department of Orthopaedic Surgery Grand Rounds November, 2004

"Proximal tibia fractures" Presented at Lower Extremity Course. Sponsored by EB!. San Diego, CA. October, 2004.