

# KEITH R. BROOKENTHAL, M. D.

## PROFESSIONAL EXPERIENCE

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2002 – Current Private Practice; Los Angeles, CA  
Attending Surgeon, Pediatric Orthopedic Surgery

2002 – 2010 Children's Hospital of Los Angeles; Los Angeles, CA  
On Staff, Pediatric Orthopedic Surgery

2002 – 2010 Orthopaedic Hospital; Los Angeles, CA  
Assistant Professor, Sports and Scoliosis Services

## SOCIETY MEMBERSHIPS

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American Academy of Orthopaedic Surgeons

## EDUCATION

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2001 – 2002 Atlanta Scottish Rite Hospital; Atlanta, GA  
Fellow, Pediatric Orthopaedic Surgery

1997 – 2001 Hospital of the University of Pennsylvania; Philadelphia, PA  
Resident, Orthopaedic Surgery

1996 – 1997 Hospital of the University of Pennsylvania; Philadelphia, PA  
Intern, Orthopaedic Surgery

1991 – 1996 University of California at San Francisco  
M. D. granted June, 1996  
UCSF School of Medicine Research Scholarship 1996  
Eastern Star Academic Award 1992, 1993  
Hillel Medical Scholarship 1992, 1993

1987 - 1991 Michigan State University – East Lansing, MI  
Bachelor of Arts with High Honor granted June, 1991  
Major in Philosophy  
Phi Beta Kappa Honor Society  
Golden Key Society  
Tower Guard Honor Society  
Phi Kappa Phi Honor Society  
Dean's List, four years

## RESEARCH

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Immunology Laboratory, Weizmann Institute of Science – 1995. Tumor Vaccination program. Mentor: Professor Gideon Berke

Surgical Oncology Laboratory, University of California at SF – 1994. Tumor Immunology/Molecular Biology. Mentor: Dr. Stanley Leong

## PUBLICATIONS

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“Arcuate sign of posterolateral knee injuries: anatomic, radiographic, and MR imaging data related to patterns of injury,” Lee J, Papakonstantinou O, Brookenthal KR, Trudell D, Resnick DL – *Skeletal Radiology* 2003; 32: 619 – 627.

“Calf Mass in an 11-year old girl,” Brookenthal KR, Meyer J, Huff D, Dormans JP – *Clinical Orthopaedics and Related Research* 2003; 407: 268 – 277

“DVT Prophylaxis in Total Knee Arthroplasty: A Meta-Analysis,” Brookenthal KR, Freedman KB, Lonner JH, Lotke PA – *Journal of Arthroplasty* 2001; 16 (3): 293 - 300.

“DVT Prophylaxis in Total Hip Arthroplasty: A Meta-Analysis,” Freedman KB, Brookenthal KR, Lonner JH, Lotke PA – *Journal of Bone & Joint Surgery* 2000; 82-A (7): 929-38.

“MR Imaging Assessment of the Pectoralis Major Myotendinous Unit: An MR Imaging – Anatomic Correlative Study with Surgical Correlation,” Josephine Lee, Keith R. Brookenthal, Matthew L. Ramsey, J. Bruce Kneeland, Richard Herzog. *American Journal of Roentgenography* 2000; 174: 1371-1375.

“Choosing Medicine,” Becoming Doctors – Published 1995, Student Doctors Press

“DVT Prophylaxis in Total Hip Arthroplasty: A Decision Analysis,” Freedman KB, Brookenthal KR, Lonner JH, Lotke PA – Submitted JBJS - 2000.

## ABSTRACTS AND PRESENTATIONS

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“Posterior spinal arthrodesis for atlanto-axial instability in patients with Down syndrome,” Brookenthal KR, Schmitz ML – Poster presentation, Scoliosis Research Society Annual Meeting, 2003

“Polymerase Chain Reaction in the Diagnosis of Septic Arthritis,” Brookenthal KR, Rogers K, Merritt R, Schumacher R, Morrissy RT – Presentation, Pediatric Orthopaedic Society of North America Annual Meeting, 2003.

“Loss of Height in Scoliosis Due to Degree of Curvature,” Brookenthal KR – Poster presentation, Scoliosis Research Society Annual Meeting, 2002.

“Arcuate Sign of Posterolateral Knee Injuries: Anatomic, Radiographic and MR Imaging Correlation,” Lee J, Papanoupos O, Brookenthal KR, Trudell D, Resnick D – Presentation, Radiologic Society of North America, 2001.

“MRI Characteristics of the Pectoralis Major Myotendinous Unit,” Lee Josephine, Brookenthal KR, Ramsey M, Kneeland JB, Herzog R – Presentation, The American Orthopaedic Association 33rd Annual Residents' Conference 2000.

“A Meta-Analysis of Thromboembolic Prophylaxis in Total Knee Arthroplasty,” Brookenthal KR, Freedman KB, Lotke PA, Lonner J – Presentation, The American Orthopaedic Association 33rd Annual Residents' Conference 2000, Poster presentation, American Association of Hip and Knee Surgeons, 1999.

“A Decision Analysis of Thromboembolic Prophylaxis Following Elective Total Hip Arthroplasty,” Freedman KB, Lonner J, Brookenthal KR, Ubel P, Fitzgerald RH, Williams S – Presentation, American Academy of Orthopaedic Surgeons 67<sup>th</sup> Annual Meeting, 2000.

“A Meta-Analysis of Thromboembolic Prophylaxis Following Elective Total Hip Arthroplasty,” Freedman KB, Brookenthal KR, Fitzgerald RH, Williams S, Lonner J – Presentation, American Association of Hip and Knee Surgeons, 1999. Presentation, Pennsylvania Orthopaedic Society 1999.

“Cytokine Production within the Microenvironment of Human Melanoma,” Leong SPL, Peng M, Zhou YM, Brookenthal KR. Presentation, Fourth World Conference on Melanoma, 1997.

“Production of Interleukin-10 (IL-10) by Tumor Infiltrating Lymphocytes (TIL) in Human Melanoma,” Leong SPL, Brookenthal KR, Peng M, Zhou YM. Presentation, American Association for Cancer Research Annual Meeting, 1996.

“Synthesis of Interleukin-10 (IL-10) by Human Malignant Melanoma,” SP Leong, KR Brookenthal, YM Zhou – Presentation, Society for Surgical Oncology Conference, 1995.

“Interleukin-10 (IL-10): Modulation of the Immune System” Brookenthal KR – Presentation, UCSF Symposium, 1994

#### ADDITIONAL PROFESSIONAL ACTIVITIES

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Editor, Review Committee – University of Pennsylvania Orthopaedic Journal – 1997-2001

*References available upon request.*