

**PRESENT POSTION:**

2001-present **Orthopedic Spine Surgeon (Pediatric and Adult)**  
Northern California Spine Institute  
5725 W. Las Positas #200  
Pleasanton, CA 94588  
(925) 469-6274 [www.norcalspine.com]

**PRIOR POSITIONS:**

1999-01 **Orthopedic Spine Surgeon (Pediatric and Adult)**  
The Permanente Medical Group  
280 W. MacArthur Blvd.  
Oakland, CA 94611

1998-99 **Orthopedic Spine Surgeon**  
Associated Orthopedic Surgeons of Hayward  
19842 Lake Chabot Rd., Castro Valley, CA 94546

**EDUCATION:**

1997/8 **Orthopedic Fellowship in Spine Surgery**  
Barnes & Affiliated Hospitals, Washington University (St. Louis)  
Director: Keith H. Bridwell, M.D.  
(AGME accredited)

1993-97 **Orthopedic Surgery Residency Training**  
Loma Linda University Medical Center, Loma Linda, CA

1992-93 **General Surgery Internship**  
Loma Linda University Medical Center, Loma Linda, CA

1988-92 **M.D.**  
Loma Linda University School of Medicine, Loma Linda, CA

1984-88 **B.S. (Biological Sciences)**  
University of California, at Irvine (UCI)

**HONORS & AWARDS:**

2015-17 Delegate, Alameda Contra Costa Medical Association (ACCMA)  
2015-19 Board Member, Stanford Valley Care Hospital  
2012-14 Chief of Staff, Valley Care Medical Center  
2011-12 Vice Chief of Staff, Valley Care Medical Center  
2009-10 Vice Chief, Orthopedic Surgery, Valley Care Medical Center  
1991 Membership in Alpha Omega Alpha (AOA), Medical Honor Society  
1989 Walter E. Macpherson Society Student Research Scholarship  
1988 Appointed Student Leader of the UCI Craniofacial Research Project  
1984-88 Dean's Honor List (UCI)  
1984 Plymouth Trouble Shooting Contest - 3<sup>rd</sup> place in the State of California

**PUBLICATIONS:**

Booth KC, Bridwell KH, Eisenberg BA, Baldus C, Lenke LG. "Minimum 5 year results of degenerative spondylolisthesis treated with decompression & instrumented posterior fusion." *Spine* 24:16:1721-27 1999

Booth KC, Bridwell KH, Lenke LG, Baldus C, Blanke K. "Complications and predictive factors for the successful treatment of flatback deformity (fixed sagittal imbalance)." *Spine* 24:16:1712-19 1999

Booth, K., Donaldson, T., Dai, Q. "Femoral Neck Fracture Fixation: A Biomechanical Study of Two Cannulated Screw Placement Techniques." *Orthopedics* 21:11:1173-1176 1998

Booth, K., Campbell, G., "Giant Cell Tumor of Tendon Sheath with Intraosseus Invasion: A Case Report" *The Journal of Hand Surgery*, 20A:6:1000-1002 1995

Gold, M., Randzio, J., Kniha, H., Kim, B., Park, H., Stein, J., Booth, K., Grubber, H., Furnas, D. "Transplantation of Vascularized Composite Mandibular Allografts in Young Cynomolgus Monkeys" *Annals of Plastic Surgery* 26:2:125-132 1991

Randzio, J., Kniha, H., Gold, M., Chang, T., Su, L., Park, H., Cho, J., Booth, K., Furnas, D. "Growth of Vascularized Composite Mandibular Allografts in Young Rabbits" *Annals of Plastic Surgery* 26:2:140-148 1991

**ABSTRACTS:**

Booth, K., Donaldson, T., Dai, Q "A Biomechanical Study Comparing Placement of Cannulated Screws within the Femoral Neck for the Fixation of Fractures." *Orthopedic Transactions* 21:1:373 1997

**PRESENTATIONS:**

Booth KC, Peppers TA, Gregorias TK, Picetti GD. "Biomechanical Analysis Of Pull Out Strength In Unicortical & Bicortical Anterior Vertebral Screws " 8<sup>th</sup> International Meeting on Advanced Spinal Techniques 7/14/01.

Shively JE, Booth KC, Ali ME. "Thoracic Pedicle Screw Fixation In Adolescent Scoliosis – Preliminary Results" California Orthopedic Association Annual Meeting, Las Vegas 5/20/01

Booth KC, Bridwell KH, Eisenberg BA, Baldus C, Lenke LG. "Minimum 5 year results of degenerative spondylolisthesis treated with decompression & instrumented posterior fusion." American Academy of Orthopaedic Surgeons 66<sup>th</sup> Annual Meeting 2/5/99

Booth KC, Bridwell KH, Lenke LG, Baldus C, Blanke K. "Complications and predictive factors for the successful treatment of flatback deformity (fixed sagittal imbalance)." American Academy of Orthopaedic Surgeons 66<sup>th</sup> Annual Meeting 2/6/99

Booth KC, Bridwell KH, Eisenberg BA, Baldus C, Lenke LG. "Minimum 5 year results of degenerative spondylolisthesis treated with decompression & instrumented posterior fusion." North American Spine Society, Annual Meeting 10/29/98, San Francisco

Riew KD, Hilibrand A, Bridwell KH, Molinari RW, Booth KC, Lenke LG. "MR versus CT-myelography: Surgical decision making for lumbar stenosis." North American Spine Society, Annual Meeting 10/31/98, San Francisco

Booth KC, Bridwell KH, Lenke LG, Baldus C, Blanke K. "Complications and predictive factors for the successful treatment of flatback deformity (fixed sagittal imbalance)." Scoliosis Research Society, Annual Meeting 9/19/98, New York City.

Booth KC, Bridwell KH, Eisenberg BA, Baldus C, Lenke LG. "Minimum 5 year results of degenerative spondylolisthesis treated with decompression & instrumented posterior fusion." Scoliosis Research Society Annual Meeting 9/16/98, New York City.

Riew KD, Hilibrand A, Bridwell KH, Molinari RW, Booth KC, Lenke LG. "MR versus CT-myelography: Surgical decision making for lumbar stenosis." Scoliosis Research Society Annual Meeting 9/16/98, New York

Booth, K., Donaldson, T., Dai, Q. "A Biomechanical Study Comparing Placement of Cannulated Screws within the Femoral Neck for the Fixation of Fractures." Annual Meeting of The Orthopedic Research Society 2/12/97, San Francisco, CA.

Booth, K., Donaldson, T., Dai, Q. "A New Way to Fix Femoral Neck Fractures?" presented at the Loma Linda University School of Medicine Annual Alumni Post Graduate Convention, 3/3/97, Loma Linda, CA.

Gold, M., Booth, K., Gruer, S., Kim, B., Chamberlain, D., Furnas, D. "Growth of Vascularized Heterotopic Bone Allografts in Young Rabbits Treated with Short Term Cyclosporine A: A Preliminary Report - presented at the Annual Meeting of the Southern California Chapter of the American College of Surgeons, Newport Beach, CA, 1/23/88

#### **POSTERS & EXHIBITS:**

Ali ME, Gorek JE, Booth KC, VanPeteghem PK, " Anterior Column Lengthening for Painful Lumbar Transition Syndrome with Segmental Sagittal Imbalance" 8th International Meeting on Advanced Spinal Techniques 7/12-14/01.

Booth, K., Peppers, T., Gregorias, T., Picetti, G., "Pull Out Strength Analysis Of Unicortical and Bicortical Anterior Vertebral Screws." displayed at the Scoliosis Research Society Annual Meeting 10/18/00, Cairns, Australia.

Shook, J., Booth, K., Peppers, T., Dietrich, G., Alexander, G., "The Accordion Procedure for the Correction of Large or Rigid Spinal Deformities." displayed at the annual meeting of The Pediatric Orthopaedic Society of North America, Banff, Alberta, Canada 5/15/97

Booth, K., Donaldson, T., Dai, Q. "A Biomechanical Study Comparing Placement of Cannulated Screws within the Femoral Neck for the Fixation of Fractures." displayed at the American Academy of Orthopaedic Surgeons Annual Meeting 2/16/97, San Francisco, CA.

**INVITED LECTURES:**

Course Director & Moderator. “Blackstone Medical - Complex Spine Symposium” Squaw Valley California 4/2-4/04

Moderator & Course Chairman. “4<sup>th</sup> Annual Complex Spine Symposium” Squaw Valley California 3/21-23/03.

“Advances in the Treatment of Scoliosis.” Presented to the San Francisco Scoliosis Support Group (Scoliosis Association) 1/09/03..

“Innovations in the Treatment of Scoliosis.” Presented to the California Orthopedic Nursing Association, Oakland, California 10/19/02

**INVITED POSTIONS:**

Risk Management Committee Member of the Alameda-Contra Costa County Medical Association (ACCMA) 2015

Consultant to the Institute for Medical Quality (IMQ)

**LICENSES & CERTIFICATIONS:**

Diplomate American Board of Orthopaedic Surgery (recertified 2011)  
California Medical License  
Missouri Medical License  
Controlled Substance Registration

**PROFESSIONAL MEMBERSHIPS:**

Scoliosis Research Society  
American Academy of Orthopaedic Surgery  
North American Spine Society  
California Orthopedic Association  
California Medical Association  
Alameda Contra Costa Medical Association

**HOSPITAL AFFILIATIONS:**

Stanford-Valley Care, Pleasanton, California  
San Ramon Medical Center, San Ramon, California  
Sonora Community Hospital, Sonora, California