

Jason Kent Hofer, M.D.

3525 Loma Vista Road
Ventura, CA 93003
(805) 641 - 6415

FELLOWSHIP

Adult Reconstruction, Scripps Clinic, La Jolla, CA

August 2010 - July 2011

RESIDENCY

Orthopaedic Surgery, University of California - Irvine

July 2005 - June 2010

EDUCATION

University of Southern California School of Medicine

Doctor of Medicine, 2005

Alpha Omega Alpha

University of California - San Diego

Bachelor of Science in Chemistry/Biochemistry, *cum laude*, 2001

HOSPITAL AFFILIATIONS

Community Memorial Hospital, Ventura, CA

St. John's Regional Medical Center, Oxnard, CA

Ojai Valley Community Hospital, Ojai, CA

The Surgery Center of San Buenaventura, Ventura, CA

PROFESSIONAL ORGANIZATIONS

American Academy of Orthopaedic Surgeons

American Association of Hip and Knee Surgeons

California Orthopedic Association

RESEARCH

Scripps Clinic Orthopaedic Research

2010 - present

Mentors: Clifford Colwell, Jr, MD; Kace Ezzet, MD

Clinical and basic science research on total knee and hip arthroplasty.

UC Irvine Orthopaedic Biomechanical Laboratory

2007 - 2010

Mentor: Thay Q. Lee, PhD

Cadaveric study on the effects of kneeling after total knee arthroplasty.

USC Department of Orthopaedic Surgery

2004 - 2005

Mentor: David B. Thordarson, MD; John M. Itamura, MD

Conducted research on tibiototalcaneal arthrodesis and radial head morphology.

UCSD School of Medicine, Department of Pharmacology

1998 - 2001

Mentor: Paul Insel, MD

Basic science research on apoptosis and genetic basis for hypertension.

PUBLICATIONS

Full list of publications, abstracts, and presentations available upon request

Hofer JK, Patil S, Colwell CE, Jr, Ezzet KE. 5-year Results of Total Knee Arthroplasty with a Zirconium Femoral Prosthesis. Manuscript under review.

Hofer JK, Gejo R, McGarry MH, Lee TQ. Contact Areas and Pressures with Kneeling in Posterior Cruciate Retaining and Posterior Cruciate Substituting Total Knee Arthroplasty. *Journal of Arthroplasty (Epub ahead of print)*.

Hofer JK, Gejo R, McGarry MH, Lee TQ. Effects of Kneeling on Tibiofemoral Biomechanics in the Native Knee. *Clinical Biomechanics 2011*.

Gejo R, McGarry MH, Jun B, **Hofer JK**, Kimura T, Lee TQ. Biomechanical effects of the knee extensor mechanism on joint gap in total knee arthroplasty. *Clinical Biomechanics 2010*.

Pelton K, **Hofer JK**, Thordarson DB Tibiototalcaneal arthrodesis using a dynamically locked retrograde intramedullary nail. *Foot & Ankle Int 2006*.

Yan L, Herrmann V, **Hofer JK**, and Insel PA. α -Adrenergic receptor/cAMP-mediated signaling and apoptosis of S49 lymphoma cells. *Am J Physiology 2000*.

Herrmann V, Büscher R, Go MM, Ring KM, **Hofer JK**, Kailasam MT, O'Connor DT, Parmer RJ, Insel PA. 2-adrenergic receptor polymorphisms at codon 16, cardiovascular phenotypes and essential hypertension in whites and African Americans. *Am J Hypertension 2000*.

PRESENTATIONS

Update on Management of Open Fractures. Department of Surgery Grand Rounds, Scripps Green Hospital, La Jolla, CA, May 2011.

Kinematics of Kneeling in Posterior Cruciate Retaining and Substituting Total Knee Arthroplasty. Abstract presented at AAOS Annual Meeting, New Orleans, LA. Feb 2010.

Biomechanical Effects of Kneeling after Total Knee Arthroplasty. 53rd Annual Lamplighters Orthopaedic Association Meeting, Irvine, CA. August 2009.

Biomechanical Effects of Kneeling with Posterior Cruciate Retaining and Substituting Total Knee Arthroplasty. 4th Annual ASME Frontiers in Biomedical Device Conference, Irvine, CA. June 2009.

Effects of Kneeling on Tibiofemoral Biomechanics in the Native Knee. Podium presentation at AAOS Annual Meeting, Las Vegas, NV. February 2009.

Biomechanical Effects of Kneeling with Posterior Cruciate Retaining and Posterior Cruciate Substituting Total Knee Arthroplasty. Transactions of the 55th Annual Meeting of the Orthopaedic Research Society, February 2009, Las Vegas, NV

Effects of Kneeling on Tibiofemoral Biomechanics in the Native Knee. Transactions of the 54th Annual Meeting of the Orthopaedic Research Society, February 2008, San Francisco, CA

Biomechanical Effects of the Knee Extensor Mechanism on Joint Gap in Total Knee Arthroplasty. Transactions of the 54th Annual Meeting of the Orthopaedic Research Society, February 2008, San Francisco, CA

HONORS AND AWARDS

Alpha Omega Alpha
USC School of Medicine Dean's Recognition
Bob Herzog Medical Student Scholarship
Phi Beta Kappa
UCSD Provost Honors
UCSD Madge Lawhead Scholarship
UCSD Caledonian Honor Society
UCSD Golden Key Honor Society

PERSONAL

Interests include surfing, skiing, fishing, and SCUBA.
Proficient in Spanish.