



Sanjay Kumar Khurana, M.D.

Fellow, American College of Surgeons

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| Current | Spine Surgeon D.I.S.C. Sports and Spine Center Marina del Rey, California |
| Previous | Director Orthopedic and Neurologic Surgery Spine Service Kaiser Permanente San Diego, California (2003 – 2005) |
| Education | Doctor of Medicine, 1993 - 1997 Stanford University School of Medicine Bachelor of Arts, 1989 – 1993 Molecular and Cellular Biology University of California at Berkeley |
| Residency | Orthopaedic Surgery Residency, 1998 - 2002 Stanford University Medical Center General Surgery Internship, 1997 - 1998 Stanford University Medical Center |
| Fellowship | Ortho/Neuro Spine Surgery Fellowship Spinal Reconstruction Fellowship 2002-2003 Jackson Memorial Hospital University of Miami Miami Project to Cure Paralysis Departments of Orthopedic and Neurological Surgery Dr. Frank Eismont / Dr. Barth Green Pediatric and Adult Spine and Deformity 2003 Miami Children's Hospital |

Awards

2000 Volvo Corporation Award for the Clinical Study of Low Back Pain

"Lumbar High Intensity Zone and Discography in Subjects Without Low Back Complaints," EJ Carragee, S Paragioudakis, **SK Khurana**.

1998 Outstanding Abstract Award North American Spine Society

"False Positive Lumbar Discography and Pain after Discography in Select Patients without Low Back Complaints," EJ Carragee, CM Tanner, J Welsh, E Date, A Norbash, **SK Khurana, et al.**

1998 Outstanding Poster Award North American Spine Society

"Single level Anterior Cervical Discectomy with and without Interbody Fusion," EJ Carragee, **SK Khurana**.

2000 Orthopaedic Hospital Research Award California Orthopaedic Association

"Single level Anterior Cervical Discectomy with and without Interbody Fusion," EJ Carragee, **SK Khurana**.

2001 Outstanding Poster Award North American Spine Society

"Outcomes of Intradiscal Electrothermal Therapy as a Treatment for LBP: A prospective Comparison of IDET versus two control groups" EJ Carragee, **Sanjay Khurana, et al.**

Golden Key Honor Society

Mortar Board Honor Society

Stanford Medical Scholar Research Fellowship

Teaching

Visiting Professor Stanford University
Department of Orthopedic Surgery
July 2005

Teaching

Assistant, Medical Neuroanatomy, 1994
Stanford University School of Medicine

Licensure

Medical Board of California, July 1998

Florida Department of Health
Florida Medical License

Publications

Carragee EJ, Tanner CM, **Khurana S**, et al. "The rates of false-positive lumbar discography in select patients without low back symptoms," *Spine*. 2000 June 1; 25 (11) 1373 – 1381.

EJ Carragee, S Paragioudakis, **SK Khurana**, "Lumbar High Intensity Zone and Discography in Subjects Without Low Back Complaints," *Spine*, 2000 Dec 1; 25(23): 2987-92.

Conaughty J, **Khurana S**, Eismont F , "Antifungal penetration into the Rabbit Intervertebral Disc," *Spine*. 2004 Jul 15; 29(14): E289-93.

Khurana S, Conaughty J, Gottlieb J, Eismont F, "Meta-analysis Fungal Spinal Infections and Treatment Outcomes," (in preparation) 2004.

Abstracts

S Khurana, J Conaughty, K Banovac, O Martinez, F Eismont. "Intervertebral Disc Penetration of Amphotericin and Fluconazole in a Rabbit Model" 2003 International Society for the Study of the Lumbar Spine (ISSLS), Vancouver, Canada.

S Khurana, J Conaughty, K Banovac, O Martinez, F Eismont. "Intervertebral Disc Penetration of Amphotericin and Fluconazole in a Rabbit Model" Cervical Spine Research Society Scottsdale, Arizona 2003.

EJ Carragee, **SK Khurana**, et al. "Outcomes of Intradiscal Electrothermal Therapy as a Treatment for LBP: A prospective Comparison of IDET versus two control groups"

EJ Carragee, CM Tanner, J Welsh, E Date, A Norbash, **S Khurana**, et al. "False Positive Lumbar Discography and Pain after Discography in Select Patients without Low Back Complaints" 1998 NASS 13th Annual Meeting, San Francisco, CA.

EJ Carragee, CM Tanner, **SK Khurana**, et al. "Can Discography Cause Long-Term Back Complaints in Previously Symptomatic Subjects?" 1998 NASS 13th Annual Meeting, San Francisco, CA.

CM Tanner, EJ Carragee, A Norbash, **S Khurana**, C Hayward, "The Rates of False Positive Lumbar Discography in Select Patients Without Low Back Complaints," Presented at 65th Annual Meeting AAOS, New Orleans, LA.

EJ Carragee, **SK Khurana**, C Hagle "Single-Level Anterior Cervical Discectomy With and Without Interbody Fusion for Persistent Cervical Radiculopathy Without Myelopathy: A Clinical Outcomes Study at 2 to 4 years After Surgery," Presented at 65th Annual Meeting AAOS, New Orleans, LA.

M Pollman, G Gibbons, **S Khurana**, V Dzau "Modulation of TGF-beta Induced Apoptosis in Endothelial Cells by Extracellular Matrix," Presented at Annual Keystone Meeting, Lake Tahoe, 1995.

J Winer, JT Larue, **SK Khurana** "GABAergic Neurons as inhibitory interneurons in the Medial Geniculate Body of the Feline," Presented at Society of Neuroscience, 1992.

Board Certification

Board eligible 2002
Board certified 2005
Fellow, College of Surgeons 2006

Interests

Minimally invasive and microscopic lumbar and cervical microsurgery

Cervical disorders

Spinal Tumors & Infections