

Kee D. Kim, M.D.

Clinical Interests

Dr. Kim is a neurosurgeon and the chief of spinal neurosurgery. He has a special interest and expertise in dealing with challenging spinal disorders requiring surgical treatment. He has vast experience in complex spine surgery, regardless of etiology, including tumor, infection, degenerative spine and trauma. He is at the forefront of computer-assisted spine surgery, minimally invasive surgery, and spinal instrumentation.

As a co-director of the UC Davis Spine Center, Dr. Kim is involved in multiple clinical trials as a primary investigator. He innovates and evaluates different cutting-edge technology to advance the field. Recent examples include the use of stem cells for disc regeneration and bony healing, the use of pharmaceutical agents for spinal cord injuries, and clinical evaluations of artificial disc and minimally invasive surgery. His research focuses on using the advances in different fields to bring about tangible improvement in patient care and surgical outcome.

He also devotes much of his time and resources to further the training of other surgeons both locally and abroad. As the UC Davis neurosurgery spine fellowship director, he has trained many residents and fellows who have gone on to become spine specialists in their respective groups. He has published numerous manuscripts and book chapters dealing with myriad of spinal disorders. As an expert recognized in his field, he has spoken at many national and international meetings. Dr. Kim's primary focus, however, remains providing the best possible care to his patients.

Title Associate Professor
Chief, Spinal Neurosurgery
Co-Director of Spine Center

Specialty Neurological Surgery

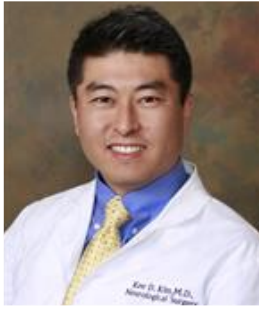
Department Neurological Surgery

Division Neurological Surgery

Center/Program Affiliation [Spine Center](#)

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Kee D. Kim, M.D.

Languages Korean

Education M.D., Johns Hopkins University School of Medicine, Baltimore, Maryland, 1992
B.S., Yale University, New Haven, Connecticut, 1986

Internships UC Davis Medical Center, Sacramento, California, 1992-1993

Residency UC Davis Medical Center, Sacramento, California, 1993-1998

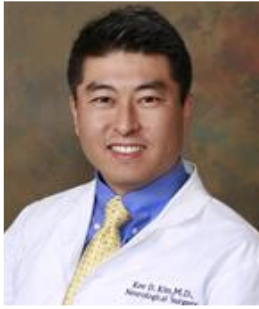
Fellowships UCLA, Los Angeles, California, 1997-1998

Board Certifications American Board of Neurological Surgery, 2002

Professional Memberships American Association of Neurological Surgeons
American Association of Neurological Surgeons/Congress of Neurological Surgeons (AANS/CNS)
Section on Disorders of the Spine and Peripheral Nerves
American Medical Association
California Association of Neurological Surgeons
Congress of Neurological Surgeons
International Society for Computer-Aided Surgery
Korean American Spine Society
National Neurotrauma Society
North American Spine Society
Sacramento-El Dorado Medical Society
Spine Arthroplasty Society
World Spine Society

Honors and Awards Kingston's National Registry of Who's Who, 2001
Kingston's National Registry of Who's Who, 2000
CARE (Courtesy, Attitude, Respect, Enthusiasm) Certificate, UC Davis Medical Center, 1994
The Beyond War Award, Peace Corps, Thailand, 1987
Cum Laude, Yale University, New Haven, Connecticut, 1986
Westinghouse Talent Search, Semifinalist, New York, New York, 1981

Select Recent Publications Lee C and Kim K. Stem cell microenvironment as a potential therapeutic target. *Regenerative Medicine*, 2012 7(1): 3-5.
Jared D. Ament, M.D., M.P.H., and Kee D. Kim, M.D. Standardizing cost-utility analysis in neurosurgery. *Neurosurg Focus*, 2012 33(1): 1-6.



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- Kim KD, Li W and C Galloway. Use of a Radiopaque Localizer to Reduce Radiation Exposure. *Annals of Surgical Innovation and Research*, 2011: 5:6.
- Mohammed A, Eleraky MA, Duong HT, Esp E, and KD Kim. Expandable Versus Non-expandable Cages for Thoracolumbar Burst Fracture. *World Neurosurgery*, 2011 75(1): 149-154.
- Kim KD, Wright NM and The Spinal Sealant Study Group. Polyethylene Glycol (PEG) Hydrogel Spinal Sealant (DuraSeal™ Spinal Sealant) as an Adjunct to Sutured Dural Repair in the Spine: Results of a Prospective, Multicenter, Randomized Controlled Study. *Spine*, 2010 36(23): 1906 - 1912.
- Roberto RF, McDonald T, Curtiss S, Neu CP, Kim KD and FPennings. Kinematics of Progressive Circumferential Ligament Resection (Decompression) in Conjunction With Cervical DiscArthroplasty in a Spondylotic Spine Model. *Spine*, 2010 35(18): 1676-1683.
- Cappuccino A, Cornwall GB, Turner A, Fogel G, Duong HT, Kim KD and DS Brodke. Biomechanical Analysis and Review of Lateral Lumbar Fusion Constructs. *Spine*, 2010 35(26S): S361-S367
- Shahlaie K. and KD Kim. Occipitocervical Fusion using Recombinant Human Bone Morphogenetic Protein-2: Adverse Effects Due to Tissue Swelling and Seroma Spine. *Spine*, 2008 33(21): 2361-2366.

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