
BIOGRAPHICAL SKETCH

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NAME Munish C. Gupta, MD	POSITION TITLE Professor of Orthopaedics Co-Director, Spine Center University of California, Davis		
eRA COMMONS USER NAME (credential, e.g., agency login)			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	MM/YY	FIELD OF STUDY
Northwestern University, Evanston, Illinois, Bachelor of Science, Medicine	BS	1980-1982	Medicine
Northwestern University, Chicago, Illinois, Doctor of Medicine	MD	1982-1986	Medicine
Northwestern University, Chicago, Illinois, Internship, General Surgery	Internship	1986-1987	General Surgery
Northwestern University, Chicago, Illinois, Resident, Orthopaedic Surgery Kenton D. Leatherman Spine Center and University of Louisville, Louisville, Kentucky, Fellowship, Spine Surgery	Residency Spine Fellowship	1987-1991 1991-1992	Orthopaedic Surgery Fellowship

A. Personal Statement

My interest in spinal deformity surgery started in residency at Northwestern University. I was exposed to adult and pediatric spinal deformity surgery under Dr. M. Schafer during my fellowship. I gained a tremendous volume of experience in spinal deformity surgery at Louisville, Leatherman Spine Fellowship. In the last 18 years of practice, I have continued to improve my skill and understanding of spinal deformity surgery. I currently practice at UC Davis and Shriners Hospital of Northern California. We treat severe spinal deformity more successfully today than ever before, but many questions remain regarding the best course of treatment. As the co-director of the UC Davis Spine Center I look forward to implementing an integrated data repository and the Pipette trial here at UC Davis.

B. Positions and Honors

APPOINTMENTS

Professor – Department of Orthopaedic Surgery, UC Davis

COMMITTEES

Treasurer - Federation of Spine Associates (FOSA) 2009- Present

Member - Scoliosis Research Society - Worldwide Course Committee 2007-2010

Member - Scoliosis Research Society - Spine Liaison Committee 2007-2010

STUDY GROUPS

Harms/ISSG – International Spine Study Group (2008-Present)

PROFESSIONAL ORGANIZATIONS

National:

North American Spine Society (NASS) Member
AAOS Active Fellow SRS Fellow
Member - National Scoliosis Foundation

State:

Western Orthopaedic Association (WOA) Member
California Orthopaedic Association (COA) Member
Member - Sacramento Valley Chapter. Medical Advisory Board
Member - School Screening for Scoliosis. In cooperation with the California School Nurses Organization, Northern Section and the San Juan Unified School District. Sacramento, California

Member - Paul R. Lipscomb Society

HONORS**C. Selected Peer-reviewed Publications**

Acute Reciprocal Changes Distant from the Site of Spinal Osteotomies Affect Global Postoperative Alignment, Klineberg E, Schwab FJ, Ames CP, Hostin R, Bess S, Smith JS, **Gupta, MC**, Boachie-Adjei, O, Hart, RA, Akbarnia, BA, Butron, DC, Lafage V, The International Spine Study Group, *Advances in Orthopedics*, vol. 2011, Article ID 415946, 7 pages, 2011.

Mechanical Deformation and Glycosaminoglycan Content Changes in a Rabbit Annular Puncture Disc Degeneration Model, Chan, D, Khan, S, Ye, X, Curtiss, S, **Gupta, M**, Klineberg, E, Neu, C, *Spine* 2011 Jan 25.

Temporal and spatial expression of BMP's and BMP antagonists during posterolateral lumbar fusion, Tang, Y, Ye, X, Klineberg, E, Curtiss, S, Maitra, S, **Gupta, MC**, *Spine*, 2010 Nov 19.

Choi, G. Klineberg, E, **Gupta, M.**: Anterior Treatment of Thoracolumbar Burst Fractures, Patel, Burger, Brown, (ed), *Spine Trauma*, Vol. July 2010, Springer

Klineberg, E. and **Gupta, M.**: Chapter 9. Open Posterior Reduction of Facet Dislocation, Patel, Burger, Brown, (ed), *Spine Trauma*, Springer.

Khan, S.N; Lavelle, W.F.; **Gupta, M.C.**: Chapter 25. Osteobiologics for Spinal Fusion, Newton, O'Brien, Shufflebarger, Betz, Dickson, Harms, (ed), *Idiopathic Scoliosis: The Harms Study Group Treatment Guide*, Thieme, New York.

Acute Reciprocal Changes Distant from the Site of Spinal Osteotomies Affect Global Postoperative
2009

Sponseller PD, Takenaga RK, Newton P, Boachie O, Flynn J, Letko L, Betz R, Bridwell K, **Gupta M**, Marks M, Bastrom T. The use of traction in the treatment of severe spinal deformity. *Spine (Phila Pa 1976)*, 33(21): 2305-9.

Khan SN, Edmonds EW, Titelman RM, **Gupta MC**. Using suture anchors for cervical laminoplasty: a reliable, safe, and simple technique. *Am J Orthop*, 37(8): 400-2.

Gupta MC, Wijesekera S, Sossan A, Martin L, Vogel LC, Boakes JL, Lerman JA, McDonald CM, Betz RR. Reliability of radiographic parameters in neuromuscular scoliosis. Spine, 32(6): 691-5.

Gupta, M.C., Khan, S.N.: Lumbar Discectomy and Stenosis Surgery, Rao, R.D., (ed), Complications in Orthopaedics: Spine Surgery, (Chapter 4), American Academy of Orthopaedic Surgeons, pp. 55-64

Gupta, M.C.: Bone Grafts and Bone Graft Substitutes, Devlin, V.J., (ed), Spine Secrets, (Chapter 66), Hanley & Belfus Inc., pp. 463-467

Ray, J.D., **Gupta, M.C.**, Wagner, T.A.: Sagittal Plane Deformities in Adults, Devlin, V.J., (ed), Spine Secrets, (Chapter 48), Hanley & Belfus Inc., pp. 341-345.

Ray, J.D., **Gupta, M.C.**, Wagner, T.A.: Sagittal Plane Deformities in Pediatric Patients, Devlin, V.J., (ed), Spine Secrets, (Chapter 45), Hanley & Belfus Inc., pp. 322-327.

D. Research Support

Ongoing Research Support

Gupta (PI) 12/2007 - 12/2011
Children's Specialist Foundation, Inc.
Prospective Study of Scheuermann's Kyphosis

Gupta (PI) 1/2010 - 12/2011
Shriners Hospitals for Children
Multi-Center Project: Bracing in Adolescent Idiopathic Scoliosis Trial

Principal Investigator, Multi-Center Project: Bracing in Adolescent Idiopathic Scoliosis Trial (BrAIST), Shriners Hospital for Children, Percentage Effort=5%

Principal Investigator, Linkage Analysis and Gene Mapping of Familial Spinal Disorders, Axial Biotech

Completed Research Support

Scoliosis Research Society Small Exploratory Grant - Investigator
MRI Strain Distribution of Disc Degeneration in a Rabbit Model.
February 2008
Khan SN, Neu C, Klineberg E, Gupta MC