

AMIT O. AGARWALA, MD

Curriculum Vitae

OFFICE	Panorama Orthopedics & Spine Center, PC	North Office
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LICENSURE: **Colorado # 40166**

DEA: **Current**

Board Certification: **American Board of Orthopaedic Surgeons**
07/21/2005

HOSPITAL AFFILIATIONS

St. Anthony Hospital
11600 W. 2nd Place
Lakewood, CO 80228

St. Anthony North Hospital
2551 West 84th Avenue
Westminster, CO 80031

OrthoColorado Hospital
11650 W. 2nd Place
Lakewood, CO 80228

Craig Hospital
3425 South Clarkson
Englewood, CO 80110

EDUCATION BACKGROUND:

- Fellowship:** Panorama Orthopedics, PC
660 Golden Ridge Road, Suite 250
Golden, CO 80404
303-233-1223 phone
720-497-6624 fax
Orthopaedic Spine Fellowship
8/1/02 to 6/1/03
- Residency:** University of New Mexico Hospital
ACC-2 West
Albuquerque, NM 87131-5296
505-272-4107 phone
505-272-3581 fax
Orthopaedic Surgery
7/1/97 to 6/30/02
- Internship:** University of New Mexico Hospital
ACC-2 West
Albuquerque, NM 87131-5296
505-272-4107 phone
505-272-3581 fax
Orthopaedic Surgery
7/1/97 to 6/30/02
- Medical School:** Washington University School of Medicine
Campus Box 8021
660 South Euclid
St. Louis, MO 63110
314-362-6848 phone
MD degree
1993 to 05/1997
- Undergraduate School:** The Johns Hopkins University
3400 N. Charles Street
Baltimore, MD 21218
410-516-8600
B.S. degree in Biomedical Engineering with a concentration
in Material Science
Graduated with Department and University Honors
1989 to 1993

EMPLOYMENT HISTORY: Panorama Orthopedics & Spine Center, PC
660 Golden Ridge Road, Ste 250
Golden, CO 80401-9522
6/1/2003 – present

SOCIETY MEMBERSHIPS: American Academy of Orthopaedic Surgeons
Clear Creek Valley Medical Society
Colorado Medical Society
Colorado Orthopaedic Society
North American Spine Society

PRESENTATIONS:

Mangled Extremity Severity Score: An Accurate Guide to Treatment of the Severely Injured Upper Extremity. Yi I.S., MD and **Agarwala A**, MD. Accepted for presentation at the 55th Annual Meeting of the American Society for Surgery of the Hand in Seattle, WA, in October 2000. Accepted for presentation at the New Mexico Chapter of the American College of Surgeons in August 2000. Submitted to *Journal of Orthopaedic Trauma*, June 2000.

Retrograde Nailing of Femur Shaft Fractures through the Intercondylar Notch for Specific Indications: A 10-year Experience. **Agarwala A**, MD and Decoster T, MD. Recipient of Vernon Thompson award for resident research. To be presented at the Western Orthopaedic Association annual meeting at Scottsdale, AZ in October 2000. Submitted to *Journal of Orthopaedic Trauma*, July 2000.

Captopril Limits Left Ventricular Hypertrophy in Genetic Hypertension Without Altering Intrinsic Cardiac Material Properties: a Finite Element Method Model. summer research project with S. Wickline, MD, Director of Cardiology Biophysics at Jewish Hospital in St. Louis, MO, 1994.

Analysis of Wear Particle Generation from Ceramic Hip Prosthesis. with J. Wagner, Ph. D., Director of the Center for Non-Destructive Evaluation at the Johns Hopkins Dept. of Material Science Engineering, 1992.

Dissociation Kinetics of Retinoic Acid Binding Proteins. with P. Reznik, Ph.D., Westwood-Squibb Pharmaceuticals at Buffalo, NY, 1990-91.

C-Spine Fracture Trauma. 13th Annual Colorado Spine Symposium, Westminster, CO, November 8, 2002.

Minimally Invasive Spinal Surgery. 30th Annual Spring Orthopedic Day, Golden, CO, April 4, 2003.

Minimally Invasive Endoscopic Surgery of the Lumbar Spine. 14th Annual Colorado Spine Symposium, Golden, CO, November 7, 2003.

Percutaneous Discectomy, Southwest Orthopedic Workshop, Littleton Adventist Hospital, Littleton, CO, November 21, 2003.

PRESENTATIONS: continued

Minimally Invasive Surgery of the Lumbar Spine Northern Orthopedic Workshop, North Suburban Medical Center, Thornton, CO, March 5, 2004

“Timing of Surgery: Immediate vs. Non-immediate Surgery & Stabilization – Musculoskeletal Education and Research Center (MERC) Managing Thoracolumbar Trauma, Degenerative Disease & Deformity, Focus on Minimally Invasive Spine Surgery January 25-28, 2007

“Management of the Osteoporotic Spine – Musculoskeletal Education and Research Center (MERC) Managing Thoracolumbar Trauma, Degenerative Disease & Deformity, Focus on Minimally Invasive Spine Surgery January 25-28, 2007

PUBLICATIONS:

The Use of Dynamic External Fixation to Obtain Tibiocalcaneal Fusion After Boyd’s Amputation, **Agarwala A.** MD and Perry C.R, MD *American Journal of Orthopedics*, March 1998; 27(3): 213-215.

Chapter 2: Sodium and Water Homeostasis, **Agarwala, A.** MD and Anderson K, MD *Renal Pathphysiology Manual* at Wash. Univ. School of Medicine, 1997.

Chapter 49: Charcot’s Disease of the Spine After Traumatic Spinal Cord Injury, **Agarwala A.**, *Spine and Spinal Cord Trauma: Evidence-Based Management* Thieme Publishers. New York, NY. Est. publication date 2010.

POSTERS:

“A Unique Method for Intraoperatively Accessing Thoracic Pedicles For Screw Instrumentation”

“Accuracy of Cervical Pedicle Screw Placement Using a New Fluoroscopic and Computer-aided Technique” SRS 38th Annual Meeting, Quebec City Canada, September 10 – 13, 2003.

“Patient Satisfaction & Outcomes following Interspinous Process Device Decompression of Lumbar Spinal Stenosis” IMAST 16th International Meeting, Vienna Austria, July 15-18, 2009.

RESEARCH POSITIONS:

Principal Investigator - A Multicenter Prospective Study of Neurological Recovery as a Factor of Time to Decompression of Cervical Spinal Cord Injuries with Spinal Cord Compression (“STASCIS”)

Principal Investigator – Epidemiology, Process & Outcomes of Spine Trauma (“EPOST”)

Sub-Investigator - FlexiCore Intervertebral Disc for the Treatment of Discogenic Pain Unresponsive to Conservative Treatment Associated with Degenerative Disc Disease (DDD), IDE Number G030100

Sub-Investigator - A Prospective and Randomized Controlled Trial to Evaluate the Safety and Effectiveness of Total Facet Arthroplasty in the Treatment of Degenerative Spinal Stenosis, IDE Number G030100

RESEARCH POSITIONS: continued

Sub-Investigator - A Multi-Center, Prospective, Randomized, Controlled Clinical Trial Comparing the Safety and Effectiveness of the Mobi-C® Prosthesis to Conventional Anterior Cervical Discectomy and Fusion in the Treatment of Symptomatic Degenerative Disc Disease (DDD) in the Cervical Spine. IDE Number G050212

Sub-Investigator - Developmental Spondylolisthesis Study: The effect of surgery on sagittal spine-pelvic measures of balance in spondylolisthesis and its relation to the clinical outcome.

Sub-Investigator – Treatment of Lumbar Spinal Stenosis with X STOP Interspinous Process Decompression (IPD) System in Moderately Symptomatic Patients

MEETINGS:

“Breakfast with the Docs” Panorama Orthopedics, PC, Golden, Colorado, January 28, 2004.

MERC Managing Thoracolumbar Trauma, Degenerative Disease and Deformity, January 25-27, 2007, Vail, CO

6th Annual Colorado Trauma Symposium, Hyatt Regency Tech Center, Denver, CO, March 16, 2007