

# **Ferhan A. Asghar**

## **Education:**

- Fellowship- Spine Surgery  
Dr Dan Spengler, Director and Chairman of Orthopaedics,  
Vanderbilt University Medical Center,  
Nashville, TN  
8/04-7/05.
- Residency- Orthopaedic Surgery,  
University of Michigan Hospitals,  
Ann Arbor, MI  
6/99-6/04.
- Medical- Baylor College of Medicine,  
Houston, TX  
Doctor of Medicine, 1999.
- Undergraduate- Johns Hopkins University,  
Baltimore, MD  
BA, Biology, 1995.

## **Certification:**

Board-Eligible, American Board of Orthopaedic Surgery  
Pass, ABOS Part 1 examination July, 2004.

## **Licensure:**

Licensed in Ohio, Kentucky, Michigan and Tennessee

## **Honors and Awards:**

Cervical Spine Study Group, Medtronic Sofamor-Danek, 2004  
American Orthopaedic Association- Resident Leadership Forum, 2003  
Eppright Award for Student Research, Baylor College of Medicine, 1999  
Golden Key National Honor Society, Johns Hopkins, 1995  
Phi Beta Kappa, Johns Hopkins, 1995.

## **Appointments:**

Member, Reappointment, Promotion, and Tenure Review Committee for the University of Cincinnati, Department of Orthopaedics, 2006.

Member, AAMC Task Force on Industry Support for Medical Education, 2006.

Chair, Association of American Medical Colleges (AAMC)- Organization of Resident Representatives, 2005-2006.

Member, Association of American Medical Colleges (AAMC)- Organization of Resident Representatives 2003-2004.

American Orthopaedic Association Emerging Leaders Program, 2004-2014.

Co-Administrative Chief Resident, Department of Orthopaedic Surgery, University of Michigan Hospitals, 2003-2004.

Resident Selection Committee, University of Michigan Department of Orthopaedics, 2002-2004.

Editor-in-Chief, Aesculapian- Baylor College of Medicine Yearbook, 1999.

Editor, Aesculapian- Baylor College of Medicine Yearbook, 1995-1998.

Student Instructor, Medical Neurosciences, Baylor College of Medicine 1998, 1999. (2 terms)

Student Instructor, Problem Based Learning, Baylor College of Medicine, 1998-1999.

Secretary, Student Surgical Society, Baylor College of Medicine, 1998-1999.

Treasurer, American Medical Association- Student Section, Baylor College of Medicine, 1996.

### **Publications:**

Asghar, FA and Graziano GP: Failed Surgery: Algorithm for Treatment, in Rothman-Simeone: The Spine, 5<sup>th</sup> Edition, Lippincott 2006.

Asghar FA and Karunakar MA: Femoral head fractures: diagnosis, management, and complications. Orthop Clin North Am. 2004 Oct;35(4):463-72

Asghar FA and Bono C: Evidence-Based Approach to Minimally Invasive Spine Surgery, in Minimally Invasive Spine Surgery, Vacarro A and Bono C (Editors). (anticipated 2006.)

Mikles MR, Asghar FA, Frankenburg EP, Scott DS, Graziano GP: Biomechanical study of lumbar pedicle screws in a corpectomy model assessing significance of screw height. J Spinal Disord Tech. 2004 Aug;17(4):272-6.

Kimyai-Asadi A, Lin A, Huang CH, Asghar FA, Nousari HC: Toe-web infections and prosthetic joints. Orthopaedics, Apr 1999.

## **Current Projects:**

Asghar FA, Papadopoulos SM, Graziano GP: The efficacy of unilateral transarticular screw fixation for C1-2 instability. (submitting)

Asghar FA, Powaser S, Lichtman D: Intraneural hemangiomas: case presentation and review of the literature. (submitting)

Asghar FA, Spengler DM: Spine fractures- review of injury patterns, treatments and outcome at a Level One Trauma Center. (in progress).

Agabegi S, Asghar FA, Kuntz C: Transpedicular decompression: technique for thoracic disc herniation and tumor.

Participant in multicenter study to evaluate posterior transforaminal interbody fusions with Healos and Leopard cages. Sponsored by DePuy Spine.

Participant in multi-center Phase I/IIa dose-ranging study to evaluate the safety, tolerability and pharmacokinetics of BA-210 and the neurological status of patients following administration of a single application of Cethrin during surgery for acute thoracic and cervical spinal cord injury. PI Michael Fehlings, MD, PhD Toronto, ON.

Case reports: A case of untreated bilateral facet dislocation in an active 70 year old earthquake victim.

- Multiple epidural and paraspinal abscesses presenting with choreiform disorder. A case report.
- Global instability following extension cervical injury and the use of intraoperative spinal cord monitoring to reverse compression after positioning. A case report.

Developing spine curriculum for residents and orthopaedic curriculum for medical students at University of Cincinnati.

A Prospective Multi-center, Randomized, Study Comparing the use of HEALOS to Autograft in a Transforaminal Lumbar Interbody Fusion Approach – DePuy Spine

Principal Investigator: AF Guanciale, MD

Co-Investigator: F Asghar, MD

Status: IRB pending

A retrospective study of the use of infuse bone graft in clinical practice.

Principal Investigator: AF Guanciale, MD

Co-Investigator: F Asghar, MD

### **Courses Attended:**

Charite Artificial Disc Training Course at the Endo-Surgery Institute, Cincinnati, OH, October 25-25, 2005.

American Academy of Orthopaedic Surgeons, Course Lecture on “Spine Surgery: Evolving Applications and Techniques”, Rosemont, IL, November 10-12, 2005.

Association of American Medical Colleges Course, Washington – February 15 -16, 2006.

American Academy of Orthopaedic Surgeons Course, Chicago, IL, March 23-26, 2006.

Association of American Medical Colleges Executive Council Meeting – June 14 – 15, 2006.

American Orthopaedic Association – Annual Meeting, San Antonio, TX, June 21-24, 2006.

Scoliosis Research Society – 41<sup>st</sup> Annual Meeting, Monterey, CA, September 13-16, 2006.

University of Michigan - Spine Lectureship, Ann Arbor, Michigan, September 22, 2006.

North American Spine Society Meeting – Seattle, Washington, September 25-30, 2006.

Association of American Medical Colleges – Annual Meeting, Seattle, Washington, October 27 – 30, 2006.

American Academy of Orthopaedic Surgeons 7<sup>th</sup> Annual AAOS/OTA Orthopaedic Trauma Course, St. Augustine, Florida, April 12-15, 2007.

### **Scientific Presentations:**

“The Efficacy of Unilateral Transarticular Screw Fixation for C1-2 Instability.”  
Presented at Rocky Mountain Traumatologic Society, Jan 2003.

“The Intervertebral Disc- Basic Science” Vanderbilt University Medical Center Orthopaedic Teaching Conference, Dec 2004.

“How to Ace the OITE- Spine” Vanderbilt University Medical Center Orthopaedic Teaching Conference, Nov 2004.

“Evaluation and Management of Spinal Neoplasms” Vanderbilt University Medical Center Orthopaedic Teaching Conference, Aug 2004.

“The Efficacy of Unilateral Transarticular Screw Fixation for C1-2 Instability.”  
University of Michigan Department of Orthopaedics Senior Thesis Day, June 2004.

“Femoral Head Fractures” University of Michigan Department of Orthopaedics Grand Rounds, June 2003.

“The Effect of Pedicle Screw Height on Strength of Fixation” University of Michigan Orthopaedic Research Lab Conference, Apr 2003.

“Lumbar Disc Diseases” University of Michigan Department of Orthopaedics Grand Rounds, Jan 2002.

“Spondylosis Myelopathy Radiculopathy” University of Cincinnati P,M &R Grand Rounds, April 2006.

Monthly lectures to University of Cincinnati Orthopaedic residents as part of spine curriculum.

Bimonthly lectures to medical students on Common Spine Problems as part of Orthopaedic curriculum.

**Professional Society Memberships:**

American Academy of Orthopaedic Surgeons

American Orthopaedic Association (Emerging Leaders Program)

North American Spine Society