

Anil K Kesani, MD, FAAOS

Personal Information

Address: Institute of Spinal Disorders, 2008 L. Don Dodson Dr, Suite 110, Bedford, TX 76039
Occupation: Orthopaedic Spine Surgeon
Board Certification: American Board of Orthopaedic Surgery Certified

Education

Medicine (M.D), University College London - Royal Free and University College Medical School, London

- Graduated on 15/07/2002 with the **Esther Frances White Memorial Prize** and a **Distinction** in final M.D examinations

Bachelors of Science [B.Sc (Honors)], University College London - Royal National Orthopaedic Hospital, Stanmore

- Graduated 1st in the year with a **1st Class Honors**
- Accelerated degree focusing mainly on Orthopaedic Basic Sciences, which was completed during a sabbatical year in medical school
- The degree focused on in-depth study of connective tissues, connective tissue degeneration and repair, biomaterials and prostheses design, biomechanics, as well as the clinical aspects of degenerative disease with emphasis on recently developed treatments.

Post-Graduate Training

Spine Surgery Fellowship at University of Western Ontario – Schulich School of Medicine and Dentistry, London, Ontario

Orthopaedic Surgery Residency at University of Medicine and Dentistry of New Jersey - New Jersey Medical School, Newark, New Jersey

Work History

Attending Orthopaedic Spine Surgeon in Olympia Fields, IL (Chicago Suburbs). 08/2011 to 08/2015

Attending Orthopaedic Spine Surgeon in Tarrant County, TX. 08/2015 to present

Medical Licenses

Illinois State License
Texas State License

Professional Societies/ Committees

Fellow of American Academy of Orthopaedic Surgeons (FAAOS).
Active Member - North American Spine Society (NASS).
Diplomate of American Board of Orthopaedic Surgery.
Peer surgical safety advisory committee member at South Suburban hospital, IL (2011 to 2015).

Awards

John Scales Prize for Orthopaedic Science.
Royal Society of Medicine Student Research Prize (National Award).
Esther Frances White Memorial Prize and Distinction in M.D final examinations.

Publications

1. **A Kesani**, M Akmal, A Goodship and G Bentley. Effects of nicotine on intervertebral disc cells. *J Bone Joint Surg [Br]* 2003; 85-B;Supp 1:6
2. M Akmal, **A Kesani** and G Bentley. Infected Total Joint Arthroplasty – A Novel Diagnostic Technique. *J Bone Joint Surg [BR]* 2003; 85-B;Supp 1:2.
3. Singh, M Akmal, B Enobakhare, **A Kesani**, A Goodship and G Bentley. The Effects of Hyaluronic Acid on Articular Chondrocytes. *J Bone Joint Surg [Br]* 2003; 85-B;Supp 1:5
4. M Akmal, **A Kesani**, B Anand, A Singh, M Wiseman and A Goodship. Effect of Nicotine in Spinal Disc Cells: A Cellular Mechanism for Disc Degeneration? *Spine*. 2004 Mar 1;29(5):568-75.
5. M Akmal, A Singh, A Anand, **A Kesani**, H Aslam, A Goodship, G Bentley. The Effect of Hyaluronic Acid on Articular Chondrocytes. *J Bone Joint Surg Br*. 2005 Aug;87(8):1143-9.
6. PA Basu, **A K Kesani**, GS Stacy, TD Peabody. Endometriosis of the vastus lateralis muscle. *Skeletal Radiol*. 2005 Nov 25;:1-4
7. **A K Kesani**, A Gandhi, and SS Lin. Electrical Bone Stimulation Devices in Foot and Ankle Surgery: Types of Devices, Scientific Basis and Clinical Indications for Their Use. *Foot Ankle Int*. 2006 Feb;27(2):148-56.
8. **A K Kesani**, B Tuy, K Beebe, F Patterson, and J Benevenia. Single-bone forearm reconstruction for malignant and aggressive tumors. *Clin Orthop Relat Res* 2007 Nov;464:210-6.
9. F A Liporace, R S Yoon, and **A K Kesani**. Transient common peroneal nerve palsy following skeletal tibial traction in a morbidly obese patient - case report of a preventable complication. *Patient Saf Surg*. 2012 Feb 21;6(1):4. doi: 10.1186/1754-9493-6-4.
10. **A K Kesani**, J C Urquhart, N Bedard, P Leelapattana, F Siddiqi, K R Gurr, C S Bailey. Systemic inflammatory response syndrome in spinal cord injury patients: Does its presence at admission affect patient outcomes? *J Neurosurg Spine*. 2014 Aug;21(2):296-302. doi: 10.3171/2014.3.SPINE13784. Epub 2014 May 16.

Presentations

1. **A Kesani**, M Akmal; B S Anand; A Singh, A E Goodship, and G Bentley. Nicotine Inhibits Nucleus Pulposus Cell Metabolic Activity. Presented at Orthopaedic Research Society - New Orleans 2003.
2. M Akmal, A Singh, A S Anand, **A Kesani**, A Goodship, and G Bentley. Enhancement Of Articular Chondrocyte Metabolic Activity On Exposure To Hyaluronic Acid. Presented at Orthopaedic Research Society - New Orleans 2003.
3. M Akmal, B S Anand, A S Anand, **A Kesani**, J Skinner, and G Bentley. Synovial Fluid Biochemistry To Diagnose Infected Total Knee Replacements. Presented at Orthopaedic Research Society - New Orleans 2003.
4. **A Kesani**, M Akmal, M Wiseman, A Singh, A Goodship and G Bentley. Inhibition of Articular Chondrocyte Metabolic Activity by Nicotine. Presented at Orthopaedic Research Society - San Francisco 2004.
5. **A K Kesani**, F R Patterson, K S Beebe, S Kishan, and J Benevenia. Malignant Forearm Tumors: Functional Outcome of a Novel Single Bone Forearm Surgical Approach. Presented at Musculoskeletal Tumor Society – Key West, Florida 2006.

Book Chapters

1. **A K Kesani** and F Liporace. Management of the Trauma Patient with Complex Injuries. Chapter in “Spinal Cord Medicine: Principles and Practice, 2nd edition”, Demos Publishing.