

Jessica Shellock, M.D.

Current Practice

Texas Back Institute 2009 – present
Plano, TX
Spine Surgery

Internship/Residency/Fellowship Training

Texas Back Institute 2008 – 2009
Plano, TX
Spine Surgery Fellowship

University of Florida 2003 – 2008
Gainesville, FL

- General Surgery Internship
- Orthopedic Surgery Residency

Medical Education

University of North Carolina School of Medicine 1999 – 2003
Chapel Hill, NC

- M.D. received in May 2003

College Education

Florida State University 1994 – 1998
Tallahassee, FL

- B.S. in Biochemistry, *summa cum laude*, 1998
- B.S. in Computer Science, *summa cum laude*, 1998

Academic Honors / Activities

Overall Year-End Grade of Honors for 2nd and 3rd year medical school curriculum
Sarah Graham Kenan Scholarship (1999)
Student Stores Medical Scholarship (2001)
Dean's List recognition for each full-time semester at Florida State University
Phi Beta Kappa (1995)
Golden Key National Honor Society (1995)
Florida State University Freshman Scholarship (1994)

Other Work Experience

Duke University Medical Center, Dept. of Radiation Oncology 1998 - 1999
Durham, NC

- Database Developer / Research Assistant
- Developed and managed Microsoft Access databases for multiple clinical research projects. Assisted with radiographic image analysis and data collection.

Supercomputer Computations Research Institute (SCRI) 1997 – 1998

Florida State University, Tallahassee, FL

- Systems Developer
- Worked with systems development group on various projects, utilizing computer programming skills in languages including C/C++, JAVA, and PERL. Assisted in database development for statewide DMV tracking program and conducted training sessions for new users of our developed software.

Professional Memberships

American Academy of Orthopaedic Surgeons (AAOS)
 North American Spine Society (NASS)
 Spine Arthroplasty Society (SAS)
 Society for Minimally Invasive Spine Surgery (SMISS)

State Medical Licenses

Florida, license currently inactive
 Texas, currently licensed

PUBLICATIONS

1. Shellock J, Guyer RD: Total Disc Replacement at the Texas Back Institute: Our Journey Over the Past 18 Years. *Coluna/Columna* 7(4):390-396, 2008.
2. Shellock J, Guyer RD: *Lumbar Disc Arthroplasty: Indications and Contraindications*. In: Yue JJ, Guyer RD, Johnson JP, Khoo LT, Hochschuler SH (eds): The Comprehensive Treatment of the Aging Spine: Minimally Invasive and Advanced Techniques. Elsevier, in press.
3. Blumenthal SL, Duffy MF, Shellock J: Spinal Sports Injuries. *US Musculoskeletal Review*, in press.

CURRENTLY SUBMITTED FOR PUBLICATION

1. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McCombe P, Jacobs JJ, Urban RM, Bradford D, Ohnmeiss DD: Early Failure of Metal-on-Metal Artificial Disc Prostheses Associated with Lymphocytic Reaction: Diagnosis and Treatment Experience in 4 Cases. Submitted to *Spine*.

PRESENTATIONS

1. Strickland J, MacMillan M, Conrad B: Mechanical Evaluation of a Compressed, Allograft, Intervertebral Implant with and without Flowable Ceramic Augmentation. Florida Orthopaedic Society Annual Meeting. May, 2008; St. Petersburg, Florida.
2. Shellock J: Spinal Cord Stimulation. Neuroscience Lecture Series. November, 2008; Plano, Texas.
3. Shellock J: Intra-operative Neuromonitoring. Neuroscience Lecture Series. April, 2009; Plano, Texas.
4. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McComb P, Jacobs J, Bradford D: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in 4 Collected Cases. Lumbar Spine Research Society. April, 2009; Chicago, Illinois.
5. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McComb P, Jacobs J, Bradford D: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in 4 Collected Cases. Spine Arthroplasty Society. April-May, 2009; London, England.
6. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McComb P, Jacobs J, Urban R, Bradford D, Duffy M: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in Four Collected Cases. Spine Across the Sea. July, 2009; Maui, Hawaii.
7. Guyer RD, Shellock J, MacLennan B, Hanscom D, Urban R, Knight RQ, McComb P, Jacobs J, Bradford D: Early Failure of Metal-on-Metal Artificial Discs Due to Metal Hypersensitivity: The Diagnostic and Treatment Approach in 4 Collected Cases. International Meeting on Advanced Spine Techniques (IMAST). July, 2009; Vienna, Austria.
8. Shellock J: Early Failure of Metal-On-Metal Artificial Disc Prostheses Associated with Lymphocytic Reaction. Interactive Educational Program Award. November 2009, San Francisco, California.
9. Shellock J: Re-Operations in a Consecutive Series of 1000 Total Disc Replacement Patients. Preservation of Motion in the Spine. April, 2010; Duck Key, Florida.
10. Shellock J: Minimally Invasive Decompression and Fusion for Degenerative Spondylolisthesis. Preservation of Motion in the Spine. April, 2010; Duck Key, Florida.

POSTERS

1. Conrad B, MacMillan M, Strickland J: Mechanical Evaluation of a Compressed, Allograft, Intervertebral Implant with and without Flowable Ceramic Augmentation. Spine Arthroplasty Society. May, 2008; Miami, Florida.
2. Guyer RD, Shellock J, MacLennan B, Hanscom D, Knight RQ, McComb P, Jacobs J, Bradford D: Early Failure of Metal-on-Metal Artificial Discs Due to Metal

Hypersensitivity: The Diagnostic and Treatment Approach in Four Collected Cases. International Society for the Study of the Lumbar Spine. May, 2009; Miami, Florida.

3. Guyer RD, Shellock J, Kugler C, Hisey MS, Bradley WD, Ohnmeiss DD: Indirect Decompression of Lumbar Spondylolisthesis using Anterior Lumbar Interbody Fusion and Minimally Invasive Pedicle Screw Fixation. Spine Arthroplasty Society. April, 2010; New Orleans, Louisiana.