

Curriculum Vitae

DANI S. BIDROS M.D., FAANS NEUROLOGICAL SURGERY BOARD CERTIFIED

OFFICE

West Houston Brain and Spine
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EDUCATION

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| Bachelor of Science in Biology University of Louisiana at Lafayette Lafayette, Louisiana | 8/1996-5/2000 |
| Doctor of Medicine Louisiana State University School of Medicine New Orleans, Louisiana | 8/2000-5/2004 |

POSTGRADUATE TRAINING

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| Intern, Department of General Surgery Louisiana State University Health Sciences Center New Orleans, Louisiana Charity Hospital Chairman: J. Patrick O'Leary, M.D. Program Director: Jaime Rodriguez, M.D. | 7/2004-6/2005 |
| Resident, Department of Neurosurgery Louisiana State University Health Sciences Center | 7/2005-6/2006 |

New Orleans, Louisiana
Charity Hospital/Ochsner Clinic Foundation
Chairman: David G. Kline, M.D.
Program Director: Robert Tiel, M.D.

Resident, Department of Neurosurgery 7/2006-5/2011
Cleveland Clinic Foundation
Cleveland, Ohio
Chairman: Edward C. Benzel, M.D.
Program Director: Richard Schlenk, M.D.

Clinical Oncology Fellow 7/2008-12/2008
Brain Tumor Institute
Cleveland Clinic Foundation
Cleveland, Ohio
Mentor: Robert Weil, M.D.

Clinical Spine Fellow, Spine Institute 1/2009-12/2009
Center for Spine Health
Cleveland Clinic Foundation
Cleveland, Ohio
Program Director: Edward C. Benzel M.D., Robert F. McLain M.D.

Cranial/Spine Radiosurgery Fellow 1/2010-6/2010
Brain Tumor Institute
Cleveland Clinic Foundation
Cleveland, Ohio
Mentor: Lilyana Angelov, M.D.

EMPLOYMENT

Dani Bidros MD APMC 8/2013-7/2017
dba Lafayette Brain and Spine
Private Solo Practice
155 Hospital Drive, Suite 203
Lafayette Brain and Spine

Delaware Valley Brain and Spine, LLC 8/2011-7/2013
Princeton Brain and Spine
1203 Langhorne-Newtown Road, Suite 138
Langhorne, PA 19047

TEACHING EXPERIENCE

Private Tutor, Biology and Chemistry 1996-2000
University of Louisiana at Lafayette

Mentor, LSUHSC Mentorship Program 2003-2004
Lab Faculty, Cleveland Clinic Spine Review 2009-Current

AWARDS & HONORS

Distinguished Freshman Award 1996
Louisiana Honors Scholarship 1996-2000
George P. Coussan Memorial Scholarship 1996
Lafayette Parish Medical Society Scholarship 1998
University of Louisiana at Lafayette Honors Program Deans List 1996-2000
Phi Kappa Phi Honors Society 1999
Alpha Lambda Delta Honors Society 1999
Recognized for heroic efforts in the aftermath of Hurricane Katrina 2006

CERTIFICATION

American Board of Neurological Surgeons 2014
USMLE Step 1 passed 2002
USMLE Step 2 passed 2003
USMLE Step 3 passed 2005
ABNS Neurosurgery written examination passed 2009
Gamma Knife Radiosurgery 2009
ACLS/BLS 2009

LICENSURE

State of Louisiana
MD.206532

State of Texas
P6951

PROFESSIONAL AFFILIATIONS

Texas Medical Society
Harris County Medical Society
Member, American Association of Neurological Surgeons
Member, American College of Surgeons
Member, American Medical Association
Member, Congress of Neurological Surgeons
Resident Member, North American Spine Society
Member, AO Spine
Louisiana Neurosurgical Society

Louisiana State Medical Society
Lafayette Parish Medical Society

COMMITTEES

CCF Neurosurgery residency selection committee 2008-2010
Director- Spine surgery- Lafayette Surgical Specialty Hospital 2015-2017

PEER-REVIEWED PUBLICATIONS/PAPERS

1. Albert N. Swafford Jr., **Dani S. Bidros**, Terrence M. Truxillo, Mary E. Giaimo, Harvey I. Miller, Kathleen H. McDonough. Ethanol Intoxication and Lactated Ringer's Resuscitation Prolong Hemorrhage-Induced Lactic Acidosis. *Shock*. 20(3):237-244, September 2003
2. **Dani Bidros**. Hurricane Katrina: Neurosurgical Resident Experiences and Impact. Neurosurgery News, 2006 AANS Meeting Issue, Volume 7-Number 1.
3. **Dani S. Bidros, M.D.** and Michael A. Vogelbaum, M.D., Ph.D. Novel Drug Delivery Strategies in Neuro-Oncology. *Neurotherapeutics* 6(3):539-546, July 2009.
4. **Dani S. Bidros, M.D.**, James K. Liu, M.D., and Michael A. Vogelbaum, M.D., Ph.D. Future of Convection-Enhanced Delivery in the Treatment of Brain Tumors. *Future Oncol*. 6(1):117-125, 2010.
5. Nagel SJ, Jehi LE, O'Dwyer R, **Bidros D**, Hiremath GK, Bingaman WE. Predicting Seizure Freedom after Two or More Chronic Invasive Evaluations in Patients with Intractable Epilepsy. *World Neurosurg*. 2012 Mar-Apr; 77 (3-4): 548-55.
6. John H. Shin, M.D., Sean Nagel, M.D., **Dani S. Bidros, M.D.**, and Ajit A. Krishnaney, M.D. Unilateral Costotransversectomy and Collagen Matrix Onlay Graft for Ventral Dural Repair in Idiopathic Thoracic Spinal Cord Herniation: Novel Technique and Report of Surgical Outcomes. *Submitted for Review*.
7. Angelov L, **Bidros D**, Djemil T, Neyman A, Reddy C, Chao S, Benzel E. Surgical Separation: A Key Adjunct for Enhancing the Efficacy of Stereotactic Spine Radiosurgery for Epidural Disease. *Submitted*.

RESEARCH

1. Hendrik Klopper, **Dani Bidros**, Peter Rasmussen et al. Treatment of Spinal Dural Arteriovenous Fistulae: experience of three institutions.

2. **Dani Bidros**, Fred Reu, Lilyana Angelov. Management of Multiple Myeloma Spine Metastases, Prospective RCT of observation vs Spine Radiosurgery vs vertebral augmentation vs combination therapy.

BOOK CHAPTERS

1. **Dani S. Bidros**, Michael P. Steinmetz, and Daniel K. Resnick. Pathophysiology and Treatment of Low Back Pain. Surgical Management of Low Back Pain, 2/E. Thieme Medical Publishers.
2. **Dani Bidros** and Michael Vogelbaum. Delivery Issues in Brain Tumors. Youmans Neurological Surgery, 6th Edition.
3. **Dani Bidros**, William Lavelle, Christopher Iannotti, and Edward Benzel. Biomechanics of the Cervical Spine. Cervical Spine Surgery: Current Trends and Challenges. Edited by Praveen Mummaneni, et al.
4. Christopher Iannotti, **Dani Bidros**, and Edward Benzel. Biomechanics of Disk Arthroplasty, What to do to Improve Results, Present & Perspectives. Advanced Concepts in Lumbar Degenerative Disk Disease. Edited by Alex Vaccaro, et al.
5. **Dani Bidros**, Christopher Iannotti, and Edward Benzel. Spine Biomechanics. Spine ehandbook. Edited by James Harrop.
6. **Dani Bidros**, James Liu, and Edward Benzel. Management of Traumatic Bilateral Jumped Cervical Facet Joints with Open Reduction in Patients with Incomplete Myelopathy. Spine Surgery: Techniques, Complication Avoidance and Management. Edited by Edward Benzel, 3rd Edition.
7. James K Liu, **Dani S Bidros**, and Edward Manno. Postoperative Care in the Neuro-Intensive Care Unit. Anesthesia for Spine Surgery. Edited by Ehab Farag. Chapter 17. Cambridge University Press.

ABSTRACTS

1. **Dani S Bidros, MD** and Bryan R. Payne, MD. Utility of CT Cisternography with Gamma Knife Surgery in the Treatment of Trigeminal Neuralgia. American Association of Neurological Surgeons, New Orleans, LA, August 30, 2005.
2. **Dani Bidros**, Alejandro Spiotta, Lilyana Angelov. Intraventricular Malignant Meningioma with Intradural Spinal Metastases. Poster presentation presented at the Cleveland Clinic Neurological Institute research day, May, 2009.
3. Nagel SJ, Jehi LE, O'Dwyer R, Hiremath GK, **Bidros D**, Bingaman WE. Predicting Seizure Freedom after Two or More Chronic Invasive Evaluations in Patients with

Intractable Epilepsy. American Association of Neurological Surgeons, San Diego, CA 2009

4. Angelov L, **Bidros D**, Djemil T, Neyman A, Reddy C, Chao S, Benzel E. Surgical Separation: A Key Adjunct for Enhancing the Efficacy of Stereotactic Spine Radiosurgery for Epidural Disease. Congress of Neurological Surgeons, San Francisco, CA, October, 2010.

COURSES, MEETINGS, SYMPOSIA

1. 73rd Annual Meeting of the American Association of Neurological Surgeons, New Orleans, Louisiana, April 2005
2. Minimally Invasive Endoscopic Surgery of the Cranial Base and Pituitary Fossa Course, University of Pittsburgh, PA, December 2005
3. Research Update for Neurosurgeons in Neuroscience (RUNN), Woods Hole, Massachusetts, October 2007
4. Gamma Knife Course, Cleveland Clinic Brain Tumor Institute, Cleveland, Ohio, 2008.
5. Approaches to the Skull Base, Anspach Course, West Palm Beach, FL, November 2008
6. Surgical Treatment of the Craniocervical Junction, University Hospitals Case Medical Center, Cleveland, Ohio, June 2009
7. Cleveland Clinic Spine Review Hands-On 2009, Cleveland Clinic Center for Spine Health, Cleveland, Ohio, July 2009
8. AANS Stereotactic Radiosurgery Course, University of Virginia, Charlottesville, VA, October 16-18, 2009
9. Congress of Neurological Surgeons, Annual Meeting, New Orleans, Louisiana, October 24-29, 2009
10. 4th Annual David W. Cahill Spine Symposium, Controversies in Spinal Surgery, University of South Florida, Tampa, FL, November 7-8, 2009
11. Congress of Neurological Surgeons, Annual Meeting, San Francisco, California, October 2010
12. 81st Annual Meeting of the American Association of Neurological Surgeons, New Orleans, Louisiana, April 2013

13. Congress of Neurological Surgeons, Annual Meeting, New Orleans, Louisiana,
September 2015

INTERESTS

- Spine, Spine Tumors, Brain Tumors, and Radiosurgery
- Performs the majority of spine surgery through minimally invasive approaches.
- Performs many brain tumor resections using minimally invasive techniques and uses a multidisciplinary team approach with ENT surgeons and endoscopic removal of pituitary and anterior skull base tumors.
- One of the first Neurosurgeons in Louisiana to use the Nico BrainPath system for minimally invasive resection of deep-seated tumors and evacuation of intracerebral hematomas.