



Shaad Bashir Bidiwala MD

Texas Neurosurgery LLP
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CURRENT

- ★ Certified by the American Board of Neurological Surgery, November 2007
- ★ Partner, Texas Neurosurgery, LLP (August 2006 to present)
- ★ Clinical Assistant Professor of Neurological Surgery, Texas A&M School of Medicine (November 2012 – present)
- ★ Hospital Privileges:
 - ★ Baylor University Medical Center, Dallas (July 2004 to present)
 - ★ Medical City, Dallas (March 2007 to present)
 - ★ Baylor Uptown, Dallas (July 2009 to present)
 - ★ Methodist Hospital for Surgery, Addison (November 2010 to present)
 - ★ Member, Medical Executive Committee (November 2010 to present)
 - ★ Chief of Staff (October 2012 to October 2014)
- ★ Areas of Expertise:
 - ★ Minimal access spine and spinal instrumentation
 - ★ Deep brain stimulation for Parkinson's disease & essential tremor
 - ★ Stereotactic radiosurgery using Gamma Knife, CyberKnife, and Novalis
 - ★ Neurosurgical oncology
- ★ D Magazine "Best Doctors in Dallas" 2008, 2009, 2010, 2011, 2012, 2013
- ★ Patients Choice Award 2011, 2012, 2013, 2014
- ★ Most Compassionate Doctor Award 2012, 2013
- ★ Castle Connolly "Top Doctor" 2013, 2014
- ★ Top 10 Doctor, Vitals.com, 2014

EDUCATION & TRAINING

- 07/99 – 06/04 **University of Kentucky Medical Center**
Residency in Neurological Surgery
 - ★ Chief Resident in Neurological Surgery, 2003-2004
 - ★ Chief Resident in Neurological Surgery, Lexington VA Medical Center, 2002-2003
- 07/98 – 06/99 **University of Kentucky Medical Center**
Internship in General Surgery
- 08/94 - 05/98 **University of Louisville School of Medicine, M.D.**
 - ★ School of Medicine Senior Award for Excellence in Neurosciences
 - ★ School of Medicine Muss Memorial Award for Scholarliness, Research, and Service
 - ★ Plastic Surgery Research Fellow
- 05/93 - 08/94 **University of Louisville Speed Scientific School**
M.Eng. Electrical Engineering with Highest Honors
 - ★ M Gordon Northrop Student Activities Award
 - ★ Bennett M Brigman Award for Outstanding Graduate
 - ★ Election to Eta Kappa Nu National Electrical Engineering Honor Society
 - ★ Chairman, Institute of Electrical & Electronics Engineers Student Branch
- 08/89 - 05/93 **University of Louisville Speed Scientific School**
B.S. Electrical Engineering with Highest Honors
 - ★ Robert Craig Ernst Award for Outstanding Graduate
 - ★ Mortar Board Graduate Fellowship
 - ★ Electrical Clearinghouse Regional Scholarship
 - ★ Kentucky Society of Professional Engineers Scholarship
 - ★ President's Research Initiative Undergraduate Research Grant
 - ★ Sophomore Election to Tau Beta Pi National Engineering Honor Society

TRAINING & CERTIFICATIONS

Association of Presacral Spine Surgeons Best Practices Training Series. APSS, San Diego, CA. May 20-21, 2011

XLIF Training Course. Nuvasive, Inc. San Diego, CA. May 6-7, 2011.

Deep Brain Stimulation Clinical Site Visit. Medtronic, Inc. Under Ron Alterman MD, Mount Sinai Hospital, New York, NY. December 10-11, 2009.

Minimal Access Spinal Technology. Medtronic, Inc. Under Kevin Foley MD, Semmes-Murphy Clinic, Memphis TN. October 24-25, 2008.

Minimally Invasive Spinal Bioskills Training Course.. Depuy, Inc. Celebration, FL September 19, 2008.

Advanced Cervical Solutions with ProDisc C Training Program. Synthes Spine. July 19, 2008.

X-Stop IPD Training Course. Medtronic, Inc. June 19, 2007.

Charite Artificial Disc Training Course. Depuy, Inc. Thornton, CO. February 17, 2007.

Kyphon Inflatable Bone Tamp Technology Course. Kyphon, Inc. Dallas, TX. September 9, 2005.

Gamma Knife Radiosurgery Training Course. Elekta. Under Gene Barnett MD, Cleveland Clinic, Cleveland OH. December 6-10, 2004.

CyberKnife Training Program. Accuray, Inc. Sunnyvale, CA, November 8-12th, 2004

CLINICAL PRESENTATIONS

Bidiwala SB. *Speak Out.* Panelist for Texas Voice Project Round Table Discussion on Parkinson's Disease. September 18, 2010

Bidiwala SB. *Minimal Access Spine Surgery: New Techniques for the Lumbar Spine.* To: Texas Neurology, July 8, 2010

Bidiwala SB. *Deep Brain Stimulation for Parkinson's Disease: State of the Art.* To: The American Parkinson's Disease Association. April 25, 2009.

Bidiwala SB. *Stereotactic Radiosurgery.* Baylor Physical Medicine and Rehabilitation Department. March 25, 2009.

Bidiwala SB. *Stereotactic Radiosurgery.* Physical Medicine and Rehabilitation Grand Rounds. October 9, 2007.

Bidiwala SB. *Breast Cancer: An Overview.* To: Memon Association of North Texas. February 3, 2007

Bidiwala SB. *The Spine of Life.* For Men's Health Day, Baylor University Medical Center, June 30, 2007.

Bidiwala SB. *Surgery for the Lumbosacral Spine.* For Baylor Spine Center, March 20, 2007.

Bidiwala SB. *Neurosurgery at Grapevine.* Baylor Medical Center at Grapevine. May 20, 2005

PUBLICATIONS & PATENTS

JK O'Connor and **S Bidiwala**, *Effectiveness and Safety of Gamma Knife Radiosurgery for Glossopharyngeal Neuralgia*. Proceedings of Baylor University Medical Center. 26(3). July 2013 262-264.

AF Saad, **SB Bidiwala**, KF Layton, GJ Snipes, and MJ Opatowsky. *Fourth Ventricular Ependymoma Presenting as Worsening Headache*. Proceedings of Baylor University Medical Center. 26(1). Jan 2013. 52-54.

SB Bidiwala and TA Pittman. *Neural Network Identification of Pediatric Posterior Fossa Tumor Type Using Clinical and Radiographic Data*. Pediatric Neurosurgery, January 2004.

RW Cohn and **SB Bidiwala**. (United States Air Force Rome Laboratory) *Extensions and Improvements of Method of Producing an Optical Wave with a Predetermined Function*, U.S. Patent # 6248487. Issued June 19, 2001.

JH Barker, JY Frank, **SB Bidiwala**, CK Stengel, SM Carroll, CMA Carroll, V VanAalst, GR Tobin, T Galla, K Messner, and GL Anderson. *A Model to Study Microcirculatory Changes Associated with Delay*. British Journal of Plastic Surgery, 52, 1999. Pp. 133-142.

SB Bidiwala, MS Mansour, CK Stengel, SA Klein, SM Carroll, SC Koenig, AH Desoky, GR Tobin, C Maldonado, and JH Barker. *Quantification of the Morphological Features of a Full Microcirculatory Network*. Medical & Biological Engineering & Computing. 36, September 1998. Pp. 621-626.

JH Barker, V vanAalst, PC Keelen, **SB Bidiwala**, JM Frank, SM Carroll, C Wan, CMA Carroll, GL Anderson, C Joels, and GR Tobin. *Vascular Delay in Skeletal Muscle: A Model for Microcirculatory Studies*, Plastic and Reconstructive Surgery. 100:3, September 1997. Pp. 665-669.

SB Bidiwala. *Investigations of Pseudorandom Encoding in the Design of Phase-Only Diffraction Gratings*. University of Louisville Master of Engineering Thesis, Department of Electrical Engineering, August 1994.

RESEARCH PRESENTATIONS

SB Bidiwala. *Changes in Microvascular Architecture Following Delay in Skeletal Muscle* Slide Presentation to Kentucky Society of Plastic and Reconstructive Surgeons. **Kentucky Medical Association Annual Meeting; Louisville, KY** (September 16-17, 1997)

SB Bidiwala, MS Mansour, CK Stengel, C Maldonado, GR Tobin, AH Desoky, and JH Barker. *A Reliable Method of Quantifying Microvascular Architecture Changes Following Delay in Skeletal Muscle*. Poster & Oral Slide Presentation: **Plastic Surgery Research Council Annual Meeting; Galveston, TX**. (February 26 - March 1, 1997)

CK Stengel, V VanAalst, **SB Bidiwala**, GR Tobin, C Maldonado, and JH Barker. *Quantification of Microvascular Architecture Changes Following Delay in the Hairless Mouse*. Poster & Oral Slide Presentation: **Plastic Surgery Research Council Annual Meeting; Galveston, TX**. (February 26 - March 1, 1997)

SB Bidiwala, SM Carroll, MS Mansour, GR Tobin, AH Desoky, and JH Barker. *Quantification of Changes in Microvascular Architecture Following Delay*. Oral Slide Presentation: **Division of Plastic and Reconstructive Surgery Research Meeting; Louisville, KY**. (September 20, 1996).

SB Bidiwala, SM Carroll, MS Mansour, SA Klein, GR Tobin, SC Gupta, AH Desoky, and JH Barker. *Quantification of Vascular Architecture Changes Following the Delay of the Latissimus Dorsi Muscle in the Hairless Mouse*. Poster & Oral Presentation: **Student Research Exhibition, University of Louisville School of Medicine; Louisville, KY**. (December 2, 1995).

SB Bidiwala. *Investigations of Pseudorandom Encoding in the Design of Phase-Only Diffraction Gratings.* Master's Thesis Defense: **University of Louisville Department of Electrical Engineering; Louisville, KY.** (August 1, 1994)

OTHER EMPLOYMENT

- 05/94-08/94 Graduate Teaching Assistant & Lab Instructor
Department of Electrical Engineering, University of Louisville. Taught graduate level laboratory course in advanced electronics.
- 12/93-05/94 Graduate Service Assistant
Disability Resource Center, University of Louisville. Served as technical advisor and room monitor for adaptive equipment laboratory used by visually and physically impaired students.
- 01/93-12/93 Help Desk Consultant
Computer Aided Engineering Laboratory, University of Louisville. Assisted graduate and undergraduate engineering students with use of UNIX-based computer workstations.
- 01/90-12/93 Supplemental Instructor and Supervisor
Division of Transitional Studies, University of Louisville. Conducted classroom review sessions for undergraduate students in calculus and physics. Promoted to supervisor 01/93.
- 01/91-05/91 Electrical Engineering Intern
08/91-12/91 **The IBM Corporation, Research Triangle Park, North Carolina.** Helped with development of IBM digital signal processor chip and network management services software.

COMMUNITY INVOLVEMENT

- 03/01-Present **Instructor, Advanced Trauma Life Support Course.** Responsible for lecturing on head and spine trauma in courses given to local health care professionals.
- 07/97 **Cover Design, Domestic Violence Handbook.** Designed cover for a student-published domestic violence handbook to be distributed to Louisville area health care professionals.
- 08/95-08/96 **Co-Director, Students Teaching Early Prevention (STEP) Program.** Organized and participated in medical student presentations to local junior high school students emphasizing the prevention of heart disease and cancer.
- 01/95-05/95 **Medical Student Participant, Greater Louisville Organization of Health (GLOH) Clinic.** Provided health care for patients in student-managed and physician-supervised free clinic for indigent population in southwestern Louisville.

PROFESSIONAL SOCIETIES

- 1999-Present **American Association of Neurological Surgeons**
1994-Present **American Medical Association**
1992-Present **IEEE Engineering in Medicine and Biology Society**
1991-Present **Institute of Electrical and Electronics Engineers (IEEE)**
Student Branch Chair, 1993-1994
Student Branch Vice Chair, 1992-1993

PERSONAL

Born July 23, 1971, Richmond, Indiana

Family Married to Sadia Omar MD (Obstetrician & Gynecologist); 2 children Saara & Saida
Languages Spanish, Urdu, Hindi
Hobbies Tennis, Running, Technology, Automobiles

REFERENCES

Available upon request.