

Joseph Anthony Shehadi, M.D., FRCSC, FACS

Neurosurgery Associates, L.L.C.
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BOARD CERTIFICATIONS

Fellow of the American College of Surgeons (FACS) February 2009
Diplomat of the American Board of Neurological Surgeons May 2007
Fellow of the Royal College of Surgeons of Canada (FRCSC) June 2001

ACADEMIC APPOINTMENTS

Ohio University College of Osteopathic Medicine: Athens, OH
Clinical Professor of Neurosurgery, 2014-2017
Clinical Associate Professor of Neurosurgery, 2011-2014
Clinical Assistant Professor of Neurosurgery, 2008-2011
Clinical Assistant Professor of Neurosurgery, 2004-2007

HOSPITAL LEADERSHIP POSITIONS

Director of Neurosurgical Trauma (Level I) Grant Medical Center October 1, 2006-
February 8, 2010
Member of Surgery Peer Review Committee, Grant Medical Center
Elected Chair, Section of Neurosurgery, Grant Medical Center, January 1, 2010
Medical Director, Neuro-Oncology, Grant Medical Center, March 1, 2010-present
Nominee for OhioHealth PRISM Award for Stewardship, October 2010

FELLOWSHIP TRAINING

M.D. Anderson Cancer Center, University of Texas: Houston, Texas
Division of Neurosurgery, Neuro-oncology Fellow, July 1, 2001- June 2002
Performed surgeries and clinical research

NEUROSURGICAL RESIDENCY

McGill University School of Medicine: Montreal, Quebec Canada
Montreal Neurological Institute, Division of Neurosurgery,
Resident, July 1, 1997- June 30, 2001
Chairman: Andre Olivier, M.D., PhD

University of Toronto School of Medicine: Toronto, Ontario Canada
Toronto Western Hospital, Division of Neurosurgery
Spinal neurosurgery elective with Michael G. Fehlings, M.D., Ph.D.
Resident, April-June 2000 (During McGill residency)

Washington University School of Medicine: St. Louis, Missouri USA
Barnes Hospital, Department of Neurosurgery, Resident, 1995-1996
Chairman: Ralph Dacey, M.D.

Washington University School of Medicine: St. Louis, Missouri USA
 Barnes Hospital, Department of General surgery, Resident, 1994-1995
 Chairman: Samuel Wells, Jr., M.D.

University of Rochester School of Medicine: Rochester, New York USA
 Strong Memorial Hospital, Department of General Surgery, Intern, 1993-1994
 Chairman: Seymour I. Schwartz, M.D.

MEDICAL SCHOOL

University of Rochester School of Medicine and Dentistry:
 Rochester, New York, USA 1989-1993
Doctorate in Medicine with Distinction in Research

HONORS & AWARDS DURING MEDICAL SCHOOL

Honors- Nervous system, Basic sciences
 Honors- Surgical Intensive Care rotation at Strong Memorial Hospital
 Honors- Neurosurgery Externship @ Brigham Hospital, Harvard Medical School

Rochester Academy of Medicine, (1993):

George Hoyt Whipple, M.D. Award for Research paper
 George Hoyt Whipple, MD won a Nobel Peace Prize for Physiology or Medicine in 1934, and was a prominent Dean of the University of Rochester School Of Medicine

Harvard Medical School, Brigham & Women's Hospital, (1991)

Boston, MA
 Epilepsy Foundation of America Summer Fellowship
 Preceptor: Peter Black, M.D., PhD, Chairman of Neurosurgery
 Studied tumor induced seizures in children

National Institutes of Health (NIH), (1991):

Medical School Summer Research Fellowship, awarded but not taken

Roswell Park Cancer Institute, (1990):

Buffalo, NY
 Medical Student Summer Oncology Fellowship
 Assisted on brain tumor surgeries and published paper on pain control in patient with spinal cord tumor
 Preceptors: Charles West, M.D, and, Mark Lema, M.D., PhD.

UNDERGRADUATE EDUCATION

University of Rochester College of Arts and Science:

Rochester, New York USA 1985-1989
Bachelor of Sciences in Neuroscience
 Cum Laude, Dean's List all years 1985-1989
 Played football 1985-1987

University of Durham, Grey College:

Durham, England 1988-1989

Full year Study abroad program in Biochemistry and Genetics

Instead of senior year at University of Rochester

MEDICAL LICENSES**Medical License Examination:**

NBME part I in 1991, **USMLE step 2** in 1993 and **NBME part III** in 1994

Medical Licenses held:

Ohio State Medical License: #35081254, active

Michigan State Medical License: #4301079379, active

Colorado State Medical License: #43706, inactive, expired 2009

CERTIFICATES & SPECIAL COURSES

North American Spine Society, (NASS), Advanced Spinal Injection Course, 2014

Congress of Neurological Surgeons, (CNS), Annual Meeting, 2013 & 2012

Cleveland Clinic Foundation, Long-Term Control of Metastases to the Brain, 2011

The Business of Neurosurgeon as CEO Course, Boston, MA, 2011

World Forum for Spine Research, Montreal Canada, 2010

Instructor, AO-ASIF Operating Room Personnel Spine Course, 2005

Instructor, AO-ASIF Operating Room Personnel Spine Course, 2003

University of Toronto Lougheed Microsurgical Course, Toronto, Canada, 2000

Midas Rex Operating Drill Course, Houston, TX, 2000

AO-ASIF Comprehensive spinal instrumentation course, Bermuda, 1999

AO-ASIF maxillofacial course, Montreal Canada, 1999

PRIVATE PRACTICE EXPERIENCE**Joseph A. Shehadi, M.D., Neurosurgery Associates, L.L.C.**

Solo practice, October 2006 - present.

393 East Town Street, Suite 110, Columbus, OH 43215

Joseph A. Shehadi, M.D., P.C. Denver, CO

November 2005 to September 2006

Columbus Neurology and Neurosurgery, (CNN): Columbus, Ohio

From May 2003 to October 2005

285 East State Street, Suite 430, Columbus, OH 43215

Central Ohio Neurological Surgeons, (CONS): Columbus, Ohio

Large Private Practice Neurosurgical group

July 2002-May 2003

RESEARCH**Clinical Case Series and Case Reports during Residency (see publications below)****University of Rochester School of Medicine: Rochester, New York**

From 1996-1997

Department of Surgery. Preceptor: James Peacock, M.D.

Studied pathologic prognostic factor in colorectal cancer.

Harvard Medical School, Children's Hospital: Boston, Massachusetts

For summer 1991

Epilepsy Foundation of America Medical Student Fellow

Department of Neurosurgery

Preceptor: Peter McL. Black, Ph.D., M.D

Investigated tumor induced seizure activity in children with supratentorial gliomas.

Roswell Park Cancer Institute: Buffalo, New York

For summer 1990

Roswell Park Medical Student Oncology Fellow

Department of Neurosurgery: Charles West, M.D. and Chung Hong, Ph.D.

Studied efficacy of Ara-C derivatives on the treatment of leukemia in mice.

Department of Anesthesiology: Mark Lema, Ph.D., M.D.

Studied chronic pain management of spinal cord ependymomas.

University of Rochester: Rochester, New York

For spring, 1987

Division of Neuroscience, Kathy Nordeen, Ph.D.

Studied neurodevelopmental effects of estrogen on mating call in the Zebra Finch.

PUBLICATIONS

Shehadi J.A. and Seaman B. (2010). Malignant intracranial neoplasms; case 17, single brain metastases. In R. Nader (Ed.) *Neurosurgery case review* (pp. 58-61). New York, NY: Thieme Medical Publishers, Inc.

Shehadi J.A. and Seaman B. (2010). Spinal and peripheral nerve pathology; case 81, lower cervical fracture dislocation. In R. Nader (Ed.) *Neurosurgery case review* (pp. 283-287). New York, NY: Thieme Medical Publishers, Inc.

Shehadi J.A. and Seaman B. (2010). Spinal and peripheral nerve pathology; case 83, type 2 odontoid fracture. In R. Nader (Ed.) *Neurosurgery case review* (pp. 292-295). New York, NY: Thieme Medical Publishers, Inc.

Seaman B. and **Shehadi J.A.** (2010). Spinal neoplasms; case 95, spinal metastases. In R. Nader (Ed.) *Neurosurgery case review* (pp. 342-346). New York, NY: Thieme Medical Publishers, Inc.

Shehadi JA, Sciubba DM, Suk I, Suki D, Maldaun MV, McCutcheon IE, Nader R, Theriault R, Rhines LD, Gokaslan ZL: Surgical treatment strategies and outcome in patients with breast cancer metastatic to the spine: a review of 87 patients. *Eur Spine J.* 2007 Apr 4.

Sciubba, DM, Gokaslan ZL, Suk I, Suki D, Maldaun MV, McCutcheon IE, Nader R, Theriault R, Rhines LD, **Shehadi JA**: Positive and negative prognostic variables for patients undergoing spine surgery for metastatic breast disease. *Eur Spine J.* 2007

May 8.

Shehadi JA, Farmer JP, Montes JL, Johnston KM, Alorany I, Melanson D, Bertrand G: Intracranial supratentorial dermoid cysts: a review of 13 cases. (Abstract). *Can J Neurol Sci*, 27(suppl 2):S13, May 2000

Shehadi JA, Feindel W: The development of the Penfield dissectors: an untold story. (Abstract). *Can J Neurol Sci*, 27(suppl 2):S68, May 2000

Shehadi JA, Alorainy IA, Johnston KM: Temporal dermoid cyst with a partial dermal sinus tract. *Can J Neurol Sci* 1999 Nov;26(4):321-4

Shady JA*, Black PM, Kupsky W, Tarbell N, Scott RM, Holmes G: Seizures in children with supratentorial astroglial neoplasms. *Pediatric Neurosurgery*, 21(1):23-30, 1994

Shady JA*, Bland LI, Kazee AM, Pilcher W: Frontoethmoidal sinus osteoma with secondary mucocele and brain abscess. Case report. *Neurosurgery*,34(5): 920-3, May,1994

Black PM, **Shady JA***, Kupsky W, Tarbell N, Scott RM, Holmes G: Seizures in children with supratentorial astroglial neoplasms. (abstract) *J.Neurosurgery*, 78: 359, 1993

Lema MJ, **Shady JA***, Zoll J, West CR: Management of intractable back pain from caudal ependymoma with spinal methylprednisolone, bupivacaine, and morphine. *Pain* 48(2): 245-248, 1992

Shehadi JA, Krassioukov AV, Arkia H, Sergeant R, Fehlings MG: Real time continuous intraoperative EMG recording as an adjunct to complex spinal surgery: A prospective study in 291 consecutive patients. (Abstract) presented at CNS meeting, San Antonio, Tx. September 2000.

Belly R, Rosenblatt JD, Steinmann M, Toner J, Sun J, Jani N, **Shehadi JA**, Peacock J, Raubertas R, Ryan C: K-12 Ras mutations in lymph nodes are a prognostic indicator in Duke's B colorectal cancer. Abstract in ASCO vol 19, 2000
And publication in August 2001 issue of Clinical Colorectal Cancer

* **Shady** was our former surname, which was legally corrected in 1994 to the more authentic spelling and pronunciation of our name.

PRESENTATIONS

Lumbar Spine Stenosis: 2012

Metastatic Brain Tumors: 2011

Primary Brain Tumors: Marion, OH, 2011

RBC Transfusions after Severe Traumatic Brain Injury: 2009

Cervical and Thoracic Spinal Injuries in the Active Elderly Patient: 2007

Craniotomies and Neurological Assessment: 2006

REMOTE PRESENTATIONS

Congress of Neurological Surgeons (CNS): September 2000

San Antonio, Texas, USA. Oral-poster presentations

Canadian Congress of Neurological Surgery (CCNS): June 2000

Ottawa, Canada, Oral presentation & Poster presentation

100 Years of Neurosurgery at McGill University: May 2000

McGill University, Montreal, Canada, Oral Presentation

75 Years of Neurosurgery in Canada 1923-1998 A Symposium: October 1998

University of Toronto, Toronto, Canada, Oral Presentation

40th Annual McGill Fellow's Day: May 1998

William Feindel Lecture by John A. Jane, M.D., Ph.D., Resident Oral Presentation

McGill Neurosurgical Conference Day: December 1997

Theodore Rasmussen Lecture by Bryce K.A. Weir, M.D., Resident Oral Presentation

61ST Annual American Association of Neurological Surgeons (AANS): April 1993

Pediatric Neurosurgery Section, Oral presentation.

EXTRACURRICULAR ACTIVITIES

During Undergraduate:

Varsity Football for 2 years- Offensive fullback, and special teams

Intramural Tennis and racquetball

During Medical School:

Intramural sports and Admissions Committee

During Residency and fellowship:

Family life, intramural sports and History of Medicine

Currently:

Family life including basketball and soccer with my children, Racquetball.

ASSOCIATIONS & PROFESSIONAL SOCIETIES

American College of Surgeons (ACS): since 2009

Fellow member

Diplomat of the American Board of Neurological Surgeons 2007

Royal College of Physicians and Surgeons of Canada (FRCSC):

Resident member since 1999, Currently a Fellow member since 2001

Faculty Member of AO-ASIF Spine Society since 2005

Attending and teaching residents at various meetings

Member of North American Spine Society (NASS) since 2004

American Association of Neurological Surgeons (AANS): since 1997

Candidate member

Congress of Neurological Surgeons (CNS): since 1996

Resident member

American Medical Association (AMA): since 1994

University of Rochester Alumni Association: since 1993