Thomas S. Loftus, M.D., F.A.A.N.S.

Board Certified Neurological Surgeon

2200 Park Bend Drive
Bldg. 2, Ste. 202
Austin, Texas 78758

Phone: 512-836-0900
Fax: 512-836-0902
www.anispine.com

PERSONAL INFORMATION

- Founder – Austin Neurosurgical Institute, 2003
- Practice History: Austin Neurosurgical Institute, 2003 – Current
  Business Address:
  2200 Park Bend Dr.
  Bldg. 2, Suite 202
  Austin, Texas 78758

EDUCATIONAL BACKGROUND

- Doctor of Medicine May, 1997
  University of Texas- Southwestern Medical School at Dallas
- Bachelor of Science in Zoology, *Cum Laude,* 1994
  Texas A&M University- College Station, Texas
- High School, June 1990, *Salutatorian*
  Marble Falls High School- Marble Falls, Texas

PROFESSIONAL

- Certified by the American Board of Neurological Surgeons, January 2018
- Certified by the American Board of Neurological Surgeons, November 2007
- Chief Resident Neurological Surgery, July 2002 - June2003
  University of Missouri Hospitals and Clinics
- Neurological Surgery Residency, July 1998 - June 2003
  University of Missouri Hospitals and Clinics
- Complex Spine Fellowship, January 2002 - June 2002
  Columbia Orthopedic Group
- Endovascular/ Cerebrovascular Fellowship, July 2001 - December 2001
  Boone Hospital Center, Columbia, MO
- General Surgery Residency, July 1997- June 1998
  University of Missouri Hospitals and Clinics

HONORS AND AWARDS

Professional

- Top Doctors 2027 Austin Monthly
- Top Doctors 2025 Austin Monthly
- Top Doctors 2022 Austin Monthly
- Top Doctors 2021 Austin Monthly
- Top Doctors 2020 Austin Monthly
- #1 Neurosurgeon in Austin, Texas 2019 (Composite Ranking Score/PRS)
- #29 Neurosurgeon in United States 2019 (Composite Ranking Score/PRS)

- Top 100 Spine Surgeons in America 2018 – Current (Dexur Research Firm)
- Top 3 Spine Surgeons in Texas, 2018 – Current (Dexur Research Firm)
- Top 1 Spine Surgeon in Williamson County, 2018 - Current (Dexur Research Firm)
- Named Physician of the Quarter for St. David's North Austin Medical Center, 2012
- Elected one of the Top 10 Leaders of New Spine & Neurosurgery Programs in the Nation, 2011
- Patients' Choice National Award, 2010
- Patients' Choice Compassionate Doctor, 2010
- Patients' Choice On-Time Physician Award, 2010
- Recognized in "Guide to America's Top Surgeons", 2010
- Patients' Choice National Award, 2009
- Certificate of Appreciation from Department of the Army Warrior Transition Unit for Ongoing Support of Soldiers, 2008
- Certificate of Recognition for Assisting with Doctor Shadowing
- Program of Alpha Epsilon Delta Honor Society University of Texas, 2007

Medical School/Undergraduate

- Dean's List
- Distinguished Student List
- Outstanding Leadership Award, 1991 - 1993
- Lechner Endowed Academic Scholarship, 1990 -1993
- Robert C. Byrd Academic Scholarship, 1990
- Most Valuable Player Award- Intercollegiate Rugby Team, 1992 - 1993
- Tau Kappa Honor Society Member, 1992 - 1993
- Academic Leadership Award, 1991 - 1992
- Phi Eta Sigma Honor Society Member, 1990-1991

TEACHING/ADMINISTRATIVE

- Medical Director – Legent Outpatient Surgical Center, Jan. 2020 - present
- Member – Medical Executive Committee Northwest Hills Surgical Hospital, 2018 - 2020
- Member – Governing Board Northwest Hills Surgical Hospital, 2017 - 2026
- President – Cedar Park Surgery Center, 2011 - 2018
- Educator for Medtronic Minimally-Invasive Spinal Surgery Courses, 2008 - 2012
- Official Training On-site Surgeon for Medtronic Neuromodulation (Spinal Cord Stimulation), 2008 - 2012

COURSES ATTENDED

- Mobi-C Artifical Disc Training, 2017
- Prestige Surgical Disc Training, August 2007
- "Minimal Access Spinal Technologies – Posterior Solutions", June 2005
- Dynesys Dynamic – Stabilization Workshop (Zimmer), February 2005
- Charite´ Artificial Disc Training (DePuy Spine), December 2004
- Skills Laboratory (Midas Rex), April 2002
- Skull Base Approaches Workshop (Anspach), September 2001
- Endovascular AVM Embolization Course (Codman), April 2001

- Spine Instrumentation Course (Sofamor Danek), March 2001

PATENTS/RESEARCH

- Awarded Patent by the U.S. Patent Office: Methods for treating sacral insufficiency fractures and devices for performing the same, (U.S. 12,121,277), October 2024

- Awarded Patent by the U.S. Patent Office: Methods of treating sacral insufficiency fractures and devices for performing same, (U.S. 11,813,009 B1), November 2023

- Awarded Patent by the U.S. Patent Office: Surgical fastener manipulation tool for use therewith, (U.S. 11,628,004 B2), April 2023

- Awarded Patent by the U.S. Patent Office: Bone screw and tool for use therewith, (U.S. 11,304,738 B2), April 2022

- Awarded patent by the U.S. Patent Office: Surgical fastener manipulation tool for SI fusion (US 10,813,679), October 2020

- Awarded patent by the U.S. Patent Office: Bone screw and tool for use therewith (US 10,595,917 B2), March 2020

- Awarded patent by the U.S. Patent Office: Bone screw for SI fusion (U.S. D857,897 S), August 2019

- Awarded patent by the U.S. Patent Office: Bone screw for SI fusion (U.S. D857,898 S), August 2019

- Awarded European Patent for Retractor Component System and Method of Using the Same (European Patent No. 2461734), January 2018

- Wentsel Z, Loftus TS. Clinical Outcomes of Minimally Invasive Transforaminal Lumbar Interbody Fusions: A Retrospective Analysis of 184 Patients. Poster Presentation, International Society for the Advancement of Spine Surgery, April 2017

- Awarded patent by the U.S. Patent Office: Retractor Component System and Method Comprising Same (U.S. 8,894,573 B2), November 2014

- Awarded patent by the U.S. Patent Office: Method for Performing Minimally Invasive Surgery (U.S. 8,888,822 B2), November 2014

- Awarded patent by the U.S. Patent Office: Retractor Component System and Method Comprising Same (U.S. 8,617,063 B2), December 2013

- Awarded patent by the U.S. Patent Office: Retractor Component System and Method Comprising Same (U.S. 8,574,154 B2), November 2013

- Awarded patent by the U.S. Patent Office: Blade Body for use with a Surgical Retractor (U.S. 8,317,692 B2), November 2012

- Awarded patent by the U.S. Patent Office: Method for Performing Minimally Invasive Surgery (U.S. 8,182,519 B2), May 2012
- Awarded patent by the U.S. Patent Office: Retractor Component System and Method of Using Same (U.S. 8,152,720 B2), April 2012

- Loftus TS, Jimenez DF. Endoscopic Carpal Tunnel Release. Master Cases of Peripheral Nerve Surgery*,* Thieme, 2002

- Loftus TS, Highland TR. Therapeutic and Prognostic Value of Neuroforaminal Steroid Injections: a review of 76 cases (submitted)

- Loftus TS, David CA. Case Report: Unusual Imaging of a Cerebral Venous Angioma. (Submitted)

PRESENTATIONS/ARTICLES

- Presentation - "Key Challenges and Opportunities in Outpatient Spine Surgery" Becker's 22nd Annual Spine, Orthopedic & Pain Management-Driven ASC Conference Chicago, IL, June 2025.

- Article – Thomas S. Loftus, MD, “Spine Surgery in 2030 – 6 surgeon predictions” Becker’s Spine Review, March 2021.

- Article - Thomas S. Loftus, MD, “How a single-payer system would harm spine practice in the US” Becker’s Spine Review, October 2019.

- Article - Thomas S. Loftus, MD, “Dr. Thomas Loftus: How private practice in spine surgery is changing” Becker’s Spine Review, August 2019

- Article - Thomas S. Loftus, MD, “Dr. Thomas Loftus: The most dangerous trend in spine surgery” Becker’s Spine Review, August 2019

- Article - Thomas S. Loftus, MD, “Dr. Thomas Loftus: The spine tech surgeons are most excited about” Becker’s Spine Review, August 2019

- Presentation – “Pedicle-screw Based Retractor System for Minimally Invasive Fusions” Life Spine Course, North American Spine Society Annual Meeting Dallas, TX October 2012

- Presentation – “Techniques in Minimally Invasive Spine Instrumentation” Life Spine Surgeon Education Course Las Vegas, NV, April 2011

- Presentation - “Surgical Management of Low Back Pain” St. David’s North Austin Medical Center Austin, TX, August 2010

- Presentation – “Minimally-Invasive Spine Surgery” Westlake Hospital Grand Rounds, Austin, TX, February 2010

- Presentation- “Minimally Invasive Spine Surgery” Neurological Nurses Association Meeting, Austin, TX, May 2006

- Presentation- “Advances in the Treatment of Low Back Pain” Neurological Nurses Association Meeting Austin, TX, August 2005
- Presentation- “Therapeutic and Diagnostic Value of Cervical Neuroforaminal Steroid Injections”
  Cervical Spine Research Society National Meeting, Miami, Florida, December 2002

- Course Instructor- Endoscopic Carpal Tunnel Release
  Congress of Neurological Surgeons National Meeting, Philadelphia, Pennsylvania
  October 2002

- Course Instructor- Endoscopic Carpal Tunnel Release
  Congress of Neurological Surgeons National Meeting, San Diego, California, October 2001

- Current Management and Prognosis of Hypertensive Intracranial Hemorrhage
  Emergency Services Conference, University of Missouri, December 2001

- Surgical Treatment of Peripheral Entrapment Neuropathies
  Neurosurgery/ Neurology Grand Rounds, University of Missouri, June 2001

- Role of Radiation Therapy in Neurosurgical Practice
  Lake of the Ozarks Radiological Society Meeting, Lake of the Ozarks, Missouri, April 2000

- Vertebral Artery Dissection- diagnosis and management
  Neurosurgery/ Neurology Grand Rounds, University of Missouri, April 2000

- Management of Subarachnoid Hemorrhage
  Neuropathology Conference, University of Missouri, March 2000

- Endovascular Treatment of Intracranial Aneurysms
  Neurosurgery/ Neurology Grand Rounds, University of Missouri, October 1999

- Subdural Empyema
  Neurosurgery/ Neurology Grand Rounds, University of Missouri, July 1999

PROFESSIONAL ORGANIZATIONS

- Technology Committee Member - American Association of Neurological Surgeons
  May 2013 – May 2016
- Fellow American Association of Neurological Surgeons
- Congress of Neurological Surgeons
- North American Spine Society
- International Society for the Advancement of Spine Surgery
- Texas Medical Association

- Travis County Medical Society
- American Academy of Physicians and Surgeons
- Licensure Texas- L5439

EXTRACURRICULAR ACTIVITIES:

- Active in multiple outdoor activities and organizations.
- Supports multiple charitable/educational organizations including American Lymphoma/Leukemia Society, Amber's Angels, Ben Hur Shrine Circus, American Red Cross, Texas A&M Association of Former Students, University of Texas Performing Arts, Texas A&M Rugby Scholarships, etc.
- Member – Texas A&M Foundation Legacy Society