



Name: **Thomas M. Sweeney II, MD, PhD**

Specialty: **Orthopedic Surgeon - Spine Surgeon**

Certifications: **Board Certified in Orthopedic Surgery**

Professional Distinctions: Fellowship Trained Spine Specialist
PhD in Anatomy and Cell Biology
Atavi@ System Instructor

Practice Description: An accomplished and leading authority in Minimally Invasive Endoscopic Spine Surgery. Decompression, fusion and instrumentation up to three levels is performed with the Atavi@ System. Dr. Sweeney has performed more endoscopic surgeries using the Atavi@ System than any other physician in the USA. For more information on Atavi please visit <http://www.endius.com>.

Bio **Dr. Thomas Sweeney** was born and raised in Lowell, Massachusetts. Graduated magna cum laude from the University of Massachusetts with a B.S. in Wildlife Biology in 1980. He received his medical degree from the University of Virginia in 1989, along with a Ph.D. in Anatomy. He subsequently completed a research fellowship at the National Institute of Health in Bethesda, Maryland. He completed his residency in Orthopaedic Surgery at the University of Virginia in 1996. This was followed by a one year fellowship at The Spine Center at the University of Virginia in the operative and non-operative treatment of Spinal Disorders. He has been published extensively, including new methods on bone healing, and is recognized as a national speaker on disorders and surgical procedures of the spine.

Professional Affiliations: American Academy of Orthopaedic Surgeons
American Medical Association
NASS

Areas of Specialization:

Conditions:

- Cervical spine disorders
- Degenerative disc disease
- Degenerative spinal conditions
- Herniated disc
- Lumbar spine disorders
- Muscle strain
- Myelopathy
- Osteoarthritis
- Sciatica
- Scoliosis and deformity
- Spinal stenosis
- Spondylolisthesis
- Trauma
- Tumors

Treatments:

- Exercise
- Physical therapy
- Injections
 - Epidural Steroid
 - Facet
 - Nerve Root

Surgical Procedures:

- Minimally Invasive Endoscopic Surgeries
 - Decompression (ATAVI)
 - Fusion (ATAVI)
 - Instrumentation (ATAVI)
- Minimally Invasive Surgeries
 - Microdiscectomy
 - Kyphoplasty
 - Discectomy
 - IDET
 - Nucleoplasty
 - Cervical
- Traditional Open Surgeries
 - Lumbar Disc Replacement