

MICHAEL H. WINER, M.D.
CURRICULUM VITAE

Education:

Undergraduate	Washington University St. Louis, Mo. (1961-64) B.A. Degree
Medical School	University of Illinois Medical School Chicago Illinois (1964-68) M.D. Degree 1968
Internship	Straight Medical Internship Barnes Hosp. Washington University St.Louis, Mo. (1968-9)
Residency	General Surgery Jewish Hosp. Washington University St. Louis, Mo. (1971-72) Orthopedic Surgery Barnes Hosp. Washington University St. Louis, Mo. (1972-75)
Military Service	U. S. Army (July 1969-71) OJT in Orthopedic Surgery Madigan General Hosp, Tacoma, Wa. Republic of Viet Nam (Dec 1969-70) Fitzsimmons General Hosp Bronze Star, Honorable Discharge

Board Certified	Orthopedic Surgery (Oct 1976) Minimally Invasive Surgery (Oct 1999)
Licensed	Missouri – 1971 Arizona - 1977
Private Practice	St. Louis, Mo (July 1975 – May 1993) Metropolitan Orthopedics (1975-88) Michael H. Winer, M.D.P.C (1988-93) Phoenix Az. (June 1993-present) Orthopedic Surgical Specialists (1993) Arizona Spine Care Alliance P.C. Tempe Az. (Dec. 1993-Jan. 2004) Scottsdale Az. (as of Jan. 2004)
Hospital Affiliations	Surgical Specialty Hospital of Arizona Scottsdale Healthcare Osborn Banner Desert Medical Center
Teaching Appointments	Instructor in Clinical Surgery Department of Orthopedics Washington University Med School St. Louis, Mo. (1975-93) Attending Surgeon Scoliosis Clinic Shriners Hospital St. Louis, Mo. (1975-83)
Organizations	American Academy of Orthopedic Surgeons North American Spine Society AA of Minimally Invasive Spine Surgery International Intradiscal Therapy Society Maricopa Medical Society Phi Beta Kappa & Alpha Omega Alpha

Unique Educational Experience - Preceptorships

- **Discography & Chymopapain** Lee T. Ford, M.D. St. Louis, Mo.
- **Scoliosis surgery** Ronald DeWald, M.D.
- **Spinal stenosis & FBSS** Richard Rothman, M.D.
- **C.D. Instrumentation** Harry Schuffelbarger, M.D.
- **Anterior Spinal Surgery** Henry Bohlman, M.D. & Ronald DeWald, M.D.
- **Pedicle Screw Instrumentation** Art Steffee, M.D.

Clinical Research Studies

- **Chymopapain Outcome Study**
- **Scolitron Therapy for Idiopathic scoliosis**
- **Percutaneous Discectomy Using the Nucleotome**
- **Osteofil DBM in Spinal Fusions**
- **Bone Morphogenetic Protein, Bone Dowel ALIF Study**
- **Endoscopic Posterior Fusion Using the ATAVI System**
- **Minimally Invasive Interbody Fusion with MICOR Graft**

Teaching, Lectures and Publications

- **Resource Physician, Chymopapain Intradiscal Therapy**
- **Clinical Instructor Washington University Barnes Hospital Orthopedic Surgery Residency Program**
- **Course Director, Percutaneous Discectomy**
- **Washington University Annual Spine Conference, Presentations on Spinal Stenosis, Failed Back Surgery, Pedicle Instrumentation and Advances in Spinal Surgery**
- **Physician Advisory Board, Endius Atavi System**
- **Instructor Minimally Invasion Spinal Fusion Using the Atavi System**
- **Atavi MIS Surgery Procedure Manual**
- ***Emerging Technologies in Spinal Surgery* Chapter 14, Minimally Invasive Spinal Fusion**
- **Faculty - Dynesys Instrumentation Using MIS ATAVI System**
- **Clinical consultant Zimmer, Inc. - MIS & Dynesys**