

ROBERT E. JACOBSON, M.D.

EDUCATION: **Undergraduate/Medical:** Combined 5 year program with Pennsylvania State University and Jefferson Medical College Philadelphia. 06/1964 – 06/1969
Internship Surgery: Mt. Sinai Hospital, New York. 07/1969 – 09/1970
Residency Neurological Surgery: Albert Einstein College of Medicine/Jacobi Hospital, New York. (Prof. H. Rosomoff) 07/1970 – 10/1972
Residency Neurological Surgery: University of Miami/Jackson Memorial Hospital. (Prof. H. Rosomoff). 10/1972 – 06/1975

ACADEMIC POSITION:

U.M. Department of Neurological Surgery: Voluntary Faculty 11/2017 – Current
Larkin Community Hospital/Nova Southeast University - Director of Interventional Pain Management Training Program 01/2016 – Current
U.M. Department of Neurological Surgery: Assistant Professor 06/1975 – 12/1977
U.M. Department of Neurological Surgery: Instructor 01/1974 – 06/1975

CURRENT HOSPITAL AND ASC AFFILIATIONS:

University of Miami Hospital
Mercy Hospital
Coral Gables Surgical Center, Miami Surgical Center
Bayside Ambulatory Surgical Center, Weston Outpatient Surgical Center

CLINICAL FELLOWSHIPS:

Kantonspiel, Zurich: 12/1975 – 05/1976
Microvascular surgery under Professor G. Yasargil.
Academisch Zeikenhaus: Utrecht, Netherlands: 06/1975 – 12/1975
Cervical and lumbar spine surgery under Professor Henk Verbiest

MILITARY SERVICE:

Medical Officer United States Army 10/1969 – 01/1984

ACADEMIC HONORS:

Ford Foundation Scholar 1962-1964
Phi Beta Kappa 1967
Alpha Omega Alpha Medical Honor Society 1968

US PATENTS:

Method and Instruments for performing a Percutaneous Lumbar Discectomy
US#4545374 (1982/1985)
System and Method for stabilizing bone segments US#5382248 (1993/1997)
Portable Body Stereotaxic Guidance Apparatus US#5665095 (1994/1997)

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Percutaneous Lumbar screw alignment and placement system.
US#5830699

PRIVATE PRACTICE:

09/2011 – Present: Miami Neurosurgical Center. (South Miami, FL)

12/1994 – 01-2006: Pain Management and Business Manager Pain Resource Center (South Miami, FL), Out Patient Surgical Services (plantation, FL), Boca Raton Ambulatory Center (Boca Raton, FL), Wellington Regional Hospital (Wellington, FL).

10/1977 – 12/1994: Cedars of Lebanon (Miami, FL), Health South Larkin (Miami, FL), Victoria Hospital (Miami, FL). University Medical Center (Plantation, FL), Outpatient Surgical Services (Plantation, FL).

BIBLIOGRAPHY:

Hartman J, Granville M, Jacobson R E (October 12, 2018) Two Cases with Incidental Finding of Large Asymptomatic Intradural Lumbar Tumors. *Cureus* 10(10): e3446. doi:10.7759/cureus.3446

Berti A, Ibars G, Wu X, Sabo A, Granville M, Suarez G, Schwade J, **Jacobson R E** (May 9, 2018) Evaluation of CyberKnife Radiosurgery for Recurrent Trigeminal Neuralgia. *Cureus* 10(5): e2598. DOI 10.7759/cureus. 2598

Palea O, Andar H M, Lugo R, Granville M, **Jacobson R E** (March 14,2018) *Direct Posterior Bipolar Cervical Facet Radiofrequency Rhizotomy: A Simpler and Safer Approach to Denervate the Facet Capsule.* *Cureus* 10(3): e2322. DOI 10.7759/cureus.2322

Palea O, Granville M, **Jacobson R E** (January 20, 2018) *Selection of Tubular and Endoscopic Transforaminal Disc Procedures Based on Disc Size, Location, and Characteristics.* *Cureus* 10(1): e2091. DOI 10.7759/cureus.2091

Berti A, Granville M, **Jacobson R E** (January 12, 2018) *Oral Squamous Cell Carcinoma Found Inline with the Fields of Repeat Stereotactic Radiosurgery for Recurrent Trigeminal Neuralgia.* *Cureus* 10(1): e2054. DOI 10.7759/cureus.2054

Sabo A, Hatgis J, Granville M, **Jacobson R E** (December 19,2017) *Multilevel Contiguous Osteoporotic Lumbar Compression Fractures: The Relationship of Scoliosis to the Development of Cascading Fractures.* *Cureus* 9(12): e1962. DOI 10.7759/cureus.1962

Granville M, Berti A, **Jacobson R E** (November 17, 2017) *Use of Spinal Cord Stimulation in Elderly Patients with Multi-Factorial Chronic Lumbar and Non-Radicular Lower Extremity Pain.* *Cureus* 9(11): e1985. DOI 10.7759/cureus.1855

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Granville M, Brennan P, **Jacobson R E** (November 09,2017) *Bilateral Peripheral Nerve Field Stimulation for Intractable Coccygeal Pain: A case Study Using Dual Lead Intercommunication*. Cureus 9(11): e1832. DOI 10.7759/cureus.1832

Jacobson R E, Palea O, Granville M (October 16, 2017) *Progression of Vertebral Compression Fractures After Previous Vertebral Augmentation: Technical Reasons for Recurrent Fractures in a Previous Treated Vertebra*. Cureus 9(10): e1776. DOI 10.7759/cureus.1776

Granville M, Berti A, **Jacobson R E** (September 29, 2017) *Vertebral Compression Fractures after Lumbar Instrumentation*. Cureus 9(9): e1729. DOI 10.7759/cureus.1729

Jacobson R E, Palea O, Granville M (September 01, 2017) *Bipolar Radiofrequency Facet Ablation of the Lumbar Facet Capsule: An Adjunct to Conventional Radiofrequency Ablation for Pain Management*. Cureus 9(9): e1635. DOI 10.7759/cureus.1635

Berti A, Granville M, Wu X, **Jacobson R E** (August 30, 2017) *Delayed Development of Trigeminal Neuralgia after Radiosurgical Treatment of a Tentorial Meningioma*. Cureus 9(8): e1628. DOI 10.7759/cureus.1628

Hatgis J, Granville M, **Jacobson R E** (July 09, 2017) *Baastrup's Disease, Interspinial Bursitis, and Dorsal Epidural Cysts: Radiologic Evaluation and Impact on Treatment Options*. Cureus 9(7): e1449. DOI 10.7759/cureus.1449

Hatgis J, Granville M, Berti A, **Jacobson R E** (June 06, 2017) *Targeted Radiofrequency Ablation as an Adjunct in Treatment of Lumbar Facet Cysts*. Cureus 9(6): e1318. DOI 10.7759/cureus.1318

Jacobson R E, Granville, M, Berti, A, (April 3, 2017) *Minimally Invasive Anterior Cervical Discectomy Without Fusion to Treat Cervical Disc Herniations in Patients with Previous Cervical Fusions*. Cureus 9(4): e1131. DOI 10.7759/cureus.1131

Jacobson R E, Granville M, Hatgis, do J (March 10, 2017) *Targeted Intraspinial Radiofrequency Ablation for Lumbar Spinal Stenosis*. Cureus 9(3): e1090. DOI 10.7759/cureus.1090

Hatgis, J, Granville, M, **Jacobson R E** (February 28, 2017) *Evaluation and Interventional Management of Pain After Vertebral Augmentation Procedures*. Cureus 9(2): e1061. DOI 10.7759/cureus.1061

Jacobson, R E, Granville, M, Hatgis, J (February 26, 2017) *Low Volume Vertebral Augmentation with Cortoss Cement for Treatment of High Degree Vertebral Compression Fractures and Vertebra Plana*. Cureus 9(2): e1058. DOI 10.7759/cureus.1058

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Hatgis, J, Granville, M, **Jacobson R E** (February 23, 2017) *Delayed Recognition of Thoracic and Lumbar Vertebral Compression Fractures in Minor Accident Cases*. Cureus 9(2): e1050. DOI 10.7759/cureus.1050

Hatgis, J, Granville, M, **Jacobson R E**, Berti, A (February 2, 2017) *Sacral Insufficiency Fractures: Recognition and Treatment in Patients with Concurrent Lumbar Vertebral Compression Fractures*. Cureus 9(2): e1008. DOI 10.7759/cureus.1008

Granville, M., **Jacobson R E** (January 20, 2017) *An Innovative Use of Cortoss Bone Cement to Stabilize a Nonunion after Interbody Fusion*. Cureus 9(1): e986. DOI 10.7759/cureus.896

Jacobson, R., Granville, M., Berti, A.; *Radiofrequency Ablation of Lumbar Stenosis due to Ligamentous Hypertrophy* (October 13-15, 2016) SMISS (Society for Minimally Invasive Spine Surgery) Annual Forum '16; Las Vegas, NV

Jacobson, R., *Lumbar Stenosis: An Electromyographic Evaluation*, Clinical Orthopedics and Related Research, May 1976.

Jacobson, R., Gargano, F., Rosomoff, H.L., Excerpta Medica.

Jacobson, R., Gargano, F., Rosomoff, H.L., *Axial Tomography of the Spine: Lumbar Stenosis, Part 2*, J. Neurosurgery 42, pp. 412-419, April 1975.

Jacobson, R., Gargano, F., Rosomoff, H.L., *Axial Tomography of the Spine: Technique and Normal Anatomy of the Lumbar Spine, Part 1*, J. Neurosurgery 42, pp. 406-411, April 1975.

Gargano, F., **Jacobson, R.**, Rosomoff, H.L., *Transverse Axial Tomography of the Spine, A New Technique*, Neuroradiology, 6; pp. 254-259, 1974.

Jacobson, R., Gargano, F., Rosomoff, H.L., *Transverse Axial Tomography of the Spine*, Transactions of the American Neurologic Association, 98, June 1973.

Jacobson, R., Gargano, F., Rosomoff, H.L., *Transverse Axial Tomography of the Spine*, Proceedings of the Cushing Society, April 1973.

Liebsking, A., **Jacobson, R.**, *Eosinophilic Granuloma of Spine*, Archives of Neurology, Volume 28, pp. 131-133, February 1973.

Liebsking, A., **Jacobson, R.**, Schechter, M, *Craniolacunae Diagnosed Prenatally*; Neuroradiology 3; pp.109-112, 1971.

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Jacobson, R., *Hypogalaccarichiari Mumps Meningoencephalitis*, New England Journal of Medicine 281, June 1969.

EDUCATIONAL PRESENTATIONS:

Workshop Instructor: Endoscopic Discectomy MaxMore Spine.
Munich, Germany 03/03/2017 -03/04/2017

V Brain & Spine Symposium: Symposium Coordinator and Faculty.
Lectures: Nuevo rol de la radiofrecuencia en la columna vertebral,
Experiencia Temprana y Seguimiento del uso de Plasma Rico en Plaquetas (PRP)
Y concentrado de Medula Ósea (BMC) para tratamiento de la Enfermedad por
Degeneración de Discos Lumbares, Neuromodulación para el manejo del dolor.
Tratamiento de Fracturas de la Columna con Vertebroplastia y Cyfoplastia.
Workshop Instructor: Arthrodesis Espinosa Percutánea.
Trujillo, Peru 01/25/2017- 01/28/2017

Treatment and Long term Management of Osteoporotic Compression Fractures
& Sacral Insufficiency Fractures. Miami, Florida 10/26/2016

Helping the body heal itself: Stem Cell Therapy. Miami, Florida 02/17/2016.

Minimally Invasive Procedures for Lumbar Spine Disease.
Miami, Florida 06/22/2015.

IV Brain & Spine Symposium: Symposium Coordinator and Faculty.
Lectures: Biomechanics of the Spine for Dummies, Image guided Radiofrequency
treatment for intraspinal lesions. Cadaveric Lab instructor: Endoscopic Approach to
Spine. Miami, Florida 09/17-20/2015.

Vertebral Augmentation for Spinal Compression Fractures. Miami, Florida 11/30/2014.

III Brain Tumor and Minimally invasive Spine Symposium 2014: Symposium
Coordinator and Faculty. Lectures: Technical Pitfalls of MISS.
Miami, Florida, 03/20-23/2014

Faculty Member: October 1991, Phoenix, AZ; December 1991, Shreveport, LA;
September 1992, Dallas, TX.

Robert E. Jacobson, M.D.

Internal Stabilization and Fixation of the Lumbar Spine: R-F System Workshop.
Chairman: September 1991, Miami, FL; January 1992, Miami, FL; May 1993, Orlando, FL.

Director of Training Symposium and Workshop on Segmental Lumbar Stabilization,
American Back Society, San Francisco, California, December 1992.

Teaching: Fixation Course, Caracas, Venezuela, June 1992.

Teaching: Automated Percutaneous Lumbar Discectomy, Spine 92 Workshop.
Orlando, Florida, June 1992.

Teaching and Lecturing: TSRH-Spinal Implant System Course and Workshop: Spinal
Fixation and Fusion. Orlando, Florida, November 1991.

Lectures and Training: R-F System Workshop: Principles and Biomechanics of the R-F,
Anatomic Landmarks and Surgical Techniques. Phoenix, Arizona, October 1991.

Speaker and teaching techniques: Spinal Instrumentation.
XXIV American Congress of Neurosurgeons, March 1991.

Director of Training Symposia and Workshops on Automated Percutaneous
Discectomy in South America, Central America, and the Caribbean, 1990.

Speaker and Faculty Member at the Symposium and Instructional Workshop on
Percutaneous Discectomy, International College of Surgeons.
San Francisco, California, April 1989.

Percutaneous Discectomy Workshop Faculty Member, American Academy of
Orthopedic Surgery. Las Vegas, Nevada, February 1989.

A Review of 500 Cases of Percutaneous Discectomy, Latin American Congress of
Neurosurgery. Acapulco, Mexico, November 1988.

Spine Update, American Academy of Orthopedic Surgery. Palm Beach, Florida 1985.

Member of NIH (National Institute of Health) Advisory Panel for the development of
Automated Percutaneous Discectomy. Washington, D.C., 1985.

Advances in Lumbar Spine Surgery: Percutaneous Nucleotomy.
American College of Surgeons. Atlanta, Georgia, 1984.

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Director of Training service on Lumbar Surgery. Barcelona, Spain, 1984.