## Dual Fellowship Trained Ortho & Neuro Spine Surgeon

**Board Certified Neurosurgeon** 

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UCLA-Graduate Neurosurgeon & Spine Surgeon with expertise services in Minimally Invasive spine surgery, brain surgery, as well as vascular and peripheral nerves surgery.

#### **EDUCATION**

Cedars-Sinai Medical Center	Ortho and Neuro Spine Surgeon:
Cedars-Sinai Medical Center	Ortho and Neuro Spine Surgeo

Los Angeles, California
Fellowship: Institute of Spinal Disorders

July 2005 - June 2006

Neurosurgeon

**Neurology Training** 

#### University of California, Los Angeles (UCLA) Medical Center Neurosurgeon;

Los Angeles, California
Neurosurgery Chief Resident
Harbor Neurosurgery Chief Resident
VA Neurosurgery Chief Resident

Jan - June 2004 July - Dec 2003 Jan - July 2003

Jan - June 2005

July - Dec 2004

Neuroradiology Training Resident: Surgery/Neurosurgery General Surgery Internship

July 2000 - Dec 2003 July 1999 - June 2000

#### **University of Rochester School of Medicine**

**M.D.**;

Rochester, New York

Medical Doctorate Degree June 1999

#### **University of California, Los Angeles (UCLA)**

**B.S.**;

Los Angeles, California

June 1994

Bachelors of Science Degree in Biology

Summa Cum Laude

#### **ADVANCED EDUCATION**

#### Tucson Orthopaedic Institute Nov 2007

Tucson, Arizona Transforaminal Endoscopic Spine System

#### Karolinska University Hospital Nov 2006

Stockholm, Sweden Gamma Knife Radiosurgery

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#### **ADVANCED EDUCATION** (continued)

Cedars-Sinai Medical Center July 2005 - June 2006

Los Angeles, California Minimally Invasive and Complex Spine Surgery

University of California, Los Angeles (UCLA) School of Medicine

Los Angeles, California Syringomyelia Symposium

Nov 2001

#### **HOSPITAL PRIVILEGES**

Tarzana Regional Medical Center

Clark Street Tarzana, CA 91356 (818) 881-0800

Providence St. John's

2121 Santa Monica Boulevard Santa Monica, CA 90404 (310) 829-5511

**Starpoint Health Inc** 

12660 Riverside Drive #300 Studio City, CA 91607 (818) 623-5310

**Mission Community Hospital** 

14850 Roscoe Boulevard Panorama City, CA 91402 (818) 787-2222

**Olympia Medical Center** 

5900 West Olympic Boulevard Los Angeles, CA 90036 (310) 657-5900 Northridge Hospital Medical Center

18300 Roscoe Boulevard Northridge, CA 91328 (818) 885-8500

**Star Surgery Center** 

120 South Spalding Drive Suite 200 Beverly Hills, CA 90212 (310) 922-1437

**Mount Sinai Surgery Center** 

18425 Burbank Boulevard #105 Tarzana , CA 91356 (818) 343-1401

Avanguard Surgery Center

5620 Wilbur Avenue Tarzana, CA 91356 (818) 344-0070

**Radiance Surgery Center** 

5170 Sepulveda Boulevard Suite 210 Sherman Oaks, CA 91403 (818) 995-8702

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#### **EMPLOYMENT**

Los Angeles, California

Los Angeles area.

Consultant for investors and conductors of real estate transactions in the greater

#### **Private Practice** 2018 - Present San Jose, California Beverly Hills, California 2013 - Present Encino, California 2010 - Present Spinal Surgery Fellowship, Cedars-Sinai ISD (Institute of Spinal Disorders) 2005 - 2006Los Angeles, California Neurological Surgery Residency, University of California, Los Angeles (UCLA) 2000 - 2005Los Angeles, California Neurosurgery Resident Responsibilities Internship, University of California, Los Angeles (UCLA) 1999 - 2000Los Angeles, California General Surgery Internship Neurosurgery Research Fellowship, University of California, Los Angeles (UCLA) 1998 - 1999Los Angeles, California Research Fellow: Performed data collection, analysis, and transcription of data in multiple research projects, including traumatic brain injury. 1990 - 1997 **Private Tutor** Los Angeles, California Instructor: Taught undergraduate students in need of assistance in fields of science, and music. Rochester, New York Instructor: Taught medical and undergraduate students in need of assistance in various subjects including Anatomy, Neuroscience, Pathology, Physiology, Pharmacology, and Histology. Real Estate Agent, Century 21 Real Estate Company 1990 - 1994

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#### **SPECIALIZED AREAS OF INTEREST**

#### **Spine**

Non-Surgical Spine Care, Minimally Invasive Surgery, Herniated Disk, Spinal Stenosis, Spinal Deformity Correction, Spinal Instability, Radicular Pain (Sciatic Pain), Spine Trauma, Spine Tumors, Chiari Malformation.

#### **Brain**

Gamma Knife Radiosurgery, Minimally Invasive Surgery, Primary and Metastatic Brain Tumors, Meningioma, Brain Hemorrhage, Subdural Hematoma, Epidural Hematoma, Brain Trauma, Pituitary Tumors, Arachnoid Cyst, Aneurysm Surgery, Arteriovenous Malformations (AVM), Cavernous Malformations.

#### **Peripheral Nerves**

Carpal Tunnel Syndrome, Ulnar Entrapment, Occipital Neuralgia, Trigeminal Neuralgia.

#### **MEMBERSHIPS**

California Medical Association (CMA)	2008 – Present
Los Angeles County Medical Association (LACMA)	2008 – Present
North American Spine Society (NASS)	2008 – Present
Fellow of the American Association of Neurological Surgeons (FAANS)	2007 – Present
Congress of Neurological Surgeons (CNS)	2006 – Present
HONORS and AWARDS	

HONORS and AWARDS	
Chabad Humanity Award and Scholarship  Los Angeles, California  Awarded for the most outstanding contribution to improving health care in under-developed regions.	1996
Academic Letter of Excellence; University of Rochester School of Medicine  Rochester, New York  Awarded for highly regarded academic performance in Anatomy, Histology, and Medical Humanities.	1995
College Honors in Letters and Sciences; University of California Los Angeles (UCLA)  Los Angeles, California	1994
Biology Departmental Honors; University of California, Los Angeles (UCLA)  Los Angeles, California	1994

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#### **HONORS and AWARDS** (continued)

Dean's List; University of California, Los Angeles (UCLA)

Los Angeles, California

Dean's List; Los Angeles Pierce College

Woodland Hills, California

Alpha Gamma Sigma Honor Society; Los Angeles Pierce College

1990 - 1992

Woodland Hills, California

#### **EXTRACURRICULAR and COMMUNITY ACTIVITIES**

#### Phi Delta Epsilon Medical Fraternity, Rochester Chapter

1996 - 1997

Rochester, New York

Treasurer: Directed and oversaw expenses of the fraternity.

#### Surgical Focus Group, University of Rochester School of Medicine

1995 – 1997

Rochester, New York

President: Organized lectures and small group guidance by surgical residents for medical students

in surgery as a prospective career field.

#### Department of Neuropathology, University of Rochester School of Medicine

1996 (Summer)

Rochester, New York

Involved in preparing and diagnosing tissue samples obtained from brain autopsies and neurosurgical biopsies.

#### Chabad Outreach Program 1992 – 1995 (Summers)

Los Angeles, California

Director: Organized groups of volunteers and students to help improve health and quality of life in under-developed areas.

#### Department of Neurology, University of California, Los Angeles Medical Center

1995 (Summer)

Los Angeles, California

Followed Neurologists in their practices, further enhancing his knowledge of the nervous System and his skills in neuropathological diagnosis.

Birmingham High School 1994

Van Nuys, California

Coached a boys' basketball team in summer league consisting of teams from throughout the greater Los Angeles area.

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#### PRESENTATIONS and PUBLICATIONS

- 1. Perri BR., **Gravori T.**, Johnson JP. "Thoracoscopic Sympathectomy" in Neurosurgical Operative Atlas 2E: Functional Neurosurgery (Chapter 25). Edited by Starr, Barbano and Larsen. Thieme Publishing (2008).
- 2. Anard N., **Gravori T**., Atlas Injuries: Transverse Ligamentous Injuries: Mechanism of Injury, Classification, Initial Treatment, Definitive Treatment, Prognosis Complications. *In*: Cervical Spine Trauma. November 2005.
- 3. Khoo L., **Gravori T**. Onibokun A. "Minimally Invasive Transforaminal Interbody Fusion with Percutaneous Instrumentation: Outcomes in 32 Patients." (Poster) Congress of Neurological Surgeons Annual Meeting. Boston, Massachusetts. October 8, 2005.
- 4. **Gravori T.**, Onibokun A., Khoo, L. "Minimally Invasive Lumbar Fusion using Pathfinder Instrumentation." *In* Kim D, Vaccaro A, Fessler R (eds). Spinal Instrumentation: Surgical Techniques. Thieme Medical Publishers. New York. May 2005.
- Khoo L., Gravori T. Onibokun A. "Minimally Invasive Transforaminal Interbody Fusion with Percutaneous Instrumentation: A Prospective Evaluation of Surgical, Accuracy, Functional, and Fusion Outcomes in 32 Patients." (Lecture) International Intradiscal Therapy Society Annual Meeting. San Diego, California. May 28, 2005.
- Khoo L., Gravori T. "Minimally Invasive Transforaminal Interbody Fusion: Outcomes." (Poster) American Association OF Neurological Surgeons Annual Meeting. New Orleans, LA. April 17, 2005.
- 7. Khoo L., **Gravori T**. Virella A, et al "Use of Posterior Lateral Mass Fixation for Unilateral Cervical Jumped Facet: An Analysis of Failures in 40 Cases." (Poster) American Association OF Neurological Surgeons Annual Meeting. New Orleans, LA. April 17, 2005.
- 8. Khoo L., **Gravori T**., "Endoscopic Posterior Fixation of the Middle and Lower Cervical Spine". *In* Kim D, Fessler R, Regan J. cfFThieme Medical Publishers. New York. February 2005.
- 9. Khoo L., Benae J, **Gravori T**. Anterior Plating for Cervical Traumatic Fractures: An Analysis of Graft Height and Segmental Lordosis Presercation. *The Internet Journal of Spine Surgery*. 2005. Volume 1, Number 2.
- Khoo L., Gravori T. "Minimally Invasive Transforaminal Interbody Fusion with Percutaneous Instrumentation: A Prospective Evaluation of Surgical, Accuracy, Functional, and Fusion Outcomes in 32 Patients." North American Spine Society 19<sup>th</sup> Annual Meeting. Chicago, Illinois. October 26, 2004.
- 11. Khoo L., **Gravori T**. Virella A et al "Use of Posterior Lateral Mass Fixation for Unilateral Cervical Jumped Facet: An Analysis of Failures in 40 Cases." 2004 Congress of Neurological Surgeons Annual Meeting. San Francisco, California. October 18, 2004.
- 12. Khoo L., **Gravori T**. "Significant Controversy Persists Regarding the Ideal Treatment of an Isolated Unilateral Jumped Facet After Cervical Spine Trauma." Congress of Neurological Surgeons Annual Meeting. San Francisco, California. Oct 2004.

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- 13. Khoo L., **Gravori T**. "Minimally Invasive Transforaminal Interbody Fusion with Percutaneous Instrumentation: A Prospective Evaluation of Surgical, Accuracy, Functional, and Fusion Outcomes in 32 Patients." 2004 Congress of Neurological Surgeons Annual Meeting. San Francisco, California. October 16, 2004.
- 14. Khoo L., Gravori T, Dennis J "Minimally Invasive Transforaminal Interbody Fusion with Percutaneous Instrumentation: A Prospective Evaluation of Surgical, Accuracy, Functional, and Fusion Outcomes in 32 Patients." (Lecture). Annual International Meeting on Advanced Spinal Techniques (CME Event) Bermuda. July 1, 2004.
- 15. **Gravori, T.,** Khoo L. Pathfinder Percutaneous Pedicle Screw Instrumentation. *In* Kim D, Vacarro A, Fessler RG (eds). Surgical Techniques of Spinal Instrumentation. Thieme Publishing, New York 2005.
- 16. Chavez G., **Gravori T.**, Pedroso A., Espinoza D., Villablanca P., DeSalles A. "Three Dimensional Fast Imaging Employing Steady-State Acquisition (FIESTA-3D) MRI for Trigeminal Neuralgia Stereotactic Radiosurgery." (Poster). 2004 AANS Annual Meeting. Orlando, Florida.
- 17. Espinoza D., Gonzalez N., Tseng L., **Gravori T.**, Cabatan NP., Pedroso A., Chavez G., Selch M., Solberg T., Lazareff J., Villablanca P., Vinuela F., DeSalles A. "Stereotactic Radiosurgery for Pediatric Intracranial Arteriovenous Malformations." (Poster). 2004 AANS Annual Meeting. Orlando, Florida.
- 18. Khoo L., Virella A., **Gravori T**. "Anatomic Validation of Spinal Screw Instrumentation Utilizing Intraoperative Three Dimensional CT Image-Guidance." 2004 AANS Annual Meeting. Orlando, Florida
- 19. Torres R., Frighetto L., Pedroso A., **Gravori T.**, Tseng L., Selch M., DeSalles A. "Stereotactic Radiosurgery and Radiotherapy Using the Radiosurgical Classification of Cavernous Sinus and Parasellar Meningiomas." (Lecture). 2004 AANS Annual Meeting. Orlando, Florida.
- Virella A., Khoo L., Gravori T., Onibukon O. "Minimally Invasive Transforaminal Interbody Fusion with Percutaneous Instrumentation: A Prospective Comparison of Surgical Accuracy, Functional and Fusion Outcomes in 32 Patients versus Open Controls." (Lecture). 2004 AANS Annual Meeting. Orlando, Florida.
- Tseng L., Espinoza D., Cabatan-Awang, C., Gravori T., Pedroso A., Chavez G., Torres R., DeSalles A. "Effects of Basal Ganglia Surgery on Movement Disorders and Quality of Life for Cerebral Palsy Patients." (Poster). 2004 AANS Annual Meeting. Orlando, Florida.
- 22. **Gravori, T.,** Khoo L. Percutaneous Posterior Cervical Decompression and Instrumentation. *In* Perez-Cruet M, Khoo LT, Fessler RG (eds). An Anatomical Approach to Minimal Access Spinal Surgery. Quality Medical Publishing, Inc., St. Louis, MO, December 2005).
- 23. **Gravori T.,** Onibokun A., Khoo L. Complications of Anterior Lumbar Surgery (Review) Neurosurgery Quarterly, December 2003 (publication pending).

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- 24. Khoo L., **Gravori T**. Rationale of Minimally Invasive Spinal Surgery. *In* Perez-Cruet M, Khoo LT, Fessler RG (eds). An Anatomical Approach to Minimal Access Spinal Surgery. Quality Medical Publishing, Inc., St. Louis, MO, December 2005.
- 25. Onibokun A., **Gravori T.**, Khoo L. Complications of Anterior Approaches to the Cervical Spine. (Review). Neurosurgery Quarterly, December 2003 (publication pending).
- 26. Onibokun A., **Gravori T.**, Khoo L. Complications of Lateral Transthoracic Approaches to the Thoracic Spine. (Review). Neurosurgery Quarterly, December 2003 (publication pending).
- 27. Onibokun A., **Gravori T.**, Khoo L. Sextant Pedicle Screw Placement. Neurosurgery Quarterly, December 2003 (publication pending).
- 28. Khoo L., Gravori T. Minimally Invasive Posterior Spinal Surgery. SpineLine, November 2003.
- 29. Khoo LT., **Gravori T.**, Fessler RG. "A Comparison of Postoperative Narcotics Use in Minimally-Invasive vs. Open Posterior Lumbar Interbody Fusion." (Poster). North American Spine Society. San Diego, California. October 23, 2003.
- 30. Khoo L., **Gravori T**. Minimally Invasive Posterior Spinal Decompression and Fusion Procedures. SpineLine. 2003 Sept/Oct; (4)5:9.
- 31. Khoo LT., **Gravori T**. "Use of Posterior Lateral Mass Fixation for Unilateral Cervical Jumped Facet: An Analysis of Failures in 40 Cases." (Lecture) North American Spine Society: 2003 Spine across the Sea Meeting. Kapalua, Maui. July 30, 2003.
- 32. Torres R.C., De Salles A., Frighetto L., **Gravori T.**, Pedroso A., Gross B., Medin P., Solberg T., Ford J., Selch M. "Long-Term Follow-Up Using Linac Radiosurgery and Stereotactic Radiotherapy as a Minimally Invasive Treatment for Intracranial Meningiomas." 2003 International Stereotactic Radiosurgery Society Meeting Los Angeles, California. June 2003.
- 33. Spinks T., Galarza M., **Gravori T.**, Lazareff J. "Management of Infantile Chiari Type I Malformation: A Less Invasive Surgical Technique." (Lecture). 2003 AANS Annual Meeting San Diego, CA.
- 34. Khoo L., **Gravori T**. "Use of Posterior Lateral Mass Fixation for Unilateral Cervical Jumped Facet: An Analysis of Failures in 40 Cases." (Poster). December 2003 CSRS Annual Meeting: Scottsdale, Arizona.
- 35. Oertel M., Boscardin J., Obrist W., Glenn T, McArthur D., **Gravori T.**, Lee JH., Martin NA. Posttraumatic Vasospasm: Epidemiology, Severity and Time Course of an Underestimated Phenomenon A Prospective Study in 299 Patients. J Neurosurg. 2005 Nov.
- 36. Lazareff JA., Galarza M., **Gravori T.**, Spinks TJ. Tonsillectomy without Craniectomy for the Management of Infantile Chiari I Malformation. J Neurosurg. 2002 Nov; 97(5):1018-22.

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- 37. **Gravori, T.,** Steineke T, and Bergsneider M. Endoscopic Removal of Cisternal Neurocysticercal Cysts. Neurosurg Focus. 2002 Jun; 12(6):1-5.
- 38. Oertel M., Kelly DF., McArthur D., Boscardin WJ., Glenn TC., Lee JH., **Gravori T.**, Obukhov D., McBride DQ., Martin NA. Progressive Hemorrhage after Head Trauma: Predictors and Consequences of the Evolving Injury. J Neurosurg. 2002 Jan; 96(1):109-116.
- 39. Galaraz M., **Gravori T.**, Lazareff JA. Acute Spinal Cord Swelling in a Child with Chiari II Malformation. Pediatric Neurosurg. 2001 Sep; 35(3): 145-8.