

ACADEMIC APPOINTMENT

University of California, Irvine

UC Irvine Medical Center

Orange, CA

Assistant Professor of Clinical Neurosurgery

Director Neurosurgical Spine Service

Minimally Invasive and Complex Spine Surgery

Surgical Director, Neuro-Intensive Care Unit

Department of Neurological Surgery

Acting Chair of Department of Neurological Surgery
2011

October-November

Acting Chief of Neurological Surgery Service
2011

October-November

Assistant Program Director

July 2011

EDUCATION

University of California, San Diego

La Jolla, CA

Doctor of Medicine

Senior thesis in neuroscience (Dr. M. Tuczynski/ Dr. H. Kornblum advisors)

Graduate courses in neuroscience

University of California, Los Angeles

Los Angeles, CA

Bachelor of Science in Neuroscience

Summa Cum Laude with Honors in Neuroscience

Honors Thesis in Neuroscience (Neuroscience 199 HA&HB)

Calabasas High School

Calabasas, CA

High School Diploma

RESIDENCY/FELLOWSHIP TRAINING

Neurological Surgery Administrative Chief Resident

UNIVERSITY OF RUTGER'S NJMS

NEWARK, NJ

Neurological Institute of New Jersey

Chairman/Program Director: Dr. Peter W. Carmel

Spine Center: Dr. Robert F. Heary and Dr. Ira M. Goldstein

Minimally Invasive, Thoracoscopic, & Complex Spine Surgery Fellowship

ST. LUKE'S-ROOSEVELT HOSPITAL

MANHATTAN, NY

Center for Minimally Invasive Spine and Neurosurgery

Fellowship Director: Dr. Noel I. Perin

Specialties include: minimally invasive spine surgery, spinal endoscopy, VATS, sympathectomy, spinal cord tumors, spine tumors, instrumentation, fracture, deformity, complex spine surgery, revision spine surgery

Neurological Surgery Residency

UNIVERSITY OF RUTGER'S NJMS

NEWARK, NJ

Neurological Institute of New Jersey

Chairman/Program Director: Dr. Peter W. Carmel

Spine Center: Dr. Robert F. Heary and Dr. Ira M. Goldstein

General Surgery Internship

CEDARS-SINAI MEDICAL CENTER

LOS ANGELES, CA

Chairman: Dr. Achilles Demetriou

Program Director: Dr. Alan Lefor

MEDICAL LICENSES

California

New York

New Jersey

HOSPITAL AND UNIVERSITY COMMITTEES

UC Irvine Medical Center, ICU Committee

Department of Neurological Surgery, Grand Rounds Coordinator

UC Irvine Medical Center, Standards Committee

UC Irvine Medical Center, OR Committee

UC Irvine Medical Center, Trauma PIC Committee

PUBLICATIONS

1. Kornblum HI, Yanni DS, Easterday MC, Seroogy KB. Expression of the EGF receptor family members ErbB2, ErbB3, and ErbB4 in germinal zones of the developing brain and in neurosphere cultures containing CNS stem cells. *Dev Neurosci*. 2000; 22:16-24.
2. Aryan HE, Yanni DS, Nakaji P, Jandial R, Marhall LF, Taylor WR. Syringocephaly. *J Clin Neurosci*. 2004 May; 11(4):421-3.
3. Mammis A, Yanni D, Gupta G, Karimi R, Schulder M. Relief of Tension Pneumocephalus with Endotracheal Intubation. *Surgical Neurology*. March 2009; 71(3):392-94.
4. Yanni DS, Beshara M, Ebersole K, Giannotta S, Schulder M. Digital photography using the intraoperative microscope in neurosurgery. *Surgical Neurology*. 2009 August; 72:153-56.
5. Mammis A, Yanni DS, Goldstein IM. Use of Isocentric Fluoroscopy during Transoral Odontoidectomy. December 2009. *J Clin Neurosci*:16(12):1624-7.
6. Yanni DS, Perin NI. Fixation of the Axis. March 2010; *Neurosurgery* 66(3): 147-52.
7. Yanni DS, LaBagnara M, Saravanan R, Mammis A, Goldstein IM. Transcervical drainage of epidural and retropharyngeal abscess. May 2010; *J Clin Neurosci* 17(5):636-38.
8. Yanni DS, Ulkatan S, Deletis V, Barrenechea JJ, Sen C, Perin NI. Utility of Neurophysiological Monitoring Using Dorsal Column Mapping in Intramedullary Spinal Cord Surgery, June 2010, *J. Neurosurg Spine*:12(6):623-8.
9. Yanni DS, Mammis A, Ebersole K, Roonprapunt C, Sen C, Perin NI. Revision of Chiari Decompression for Patients with Recurrent Syrinx. *J Clin Neurosci*. 2010 Aug;17(8):1076-9.
10. Yanni DS, Mammis A, Thaker NG, Goldstein IM. Traumatic Fracture of Thin Pedicles Secondary to Extradural Meningeal Cyst. *J Surg Tech Case Report*. January 2011;3(1):40-3.
11. Yanni DS, Connery C, Perin NI. Video Assisted thoracoscopic surgery combined with a Tubular Retractor System for Minimally Invasive Thoracic Discectomy. March 2011;68(1 Suppl Operative):138-43; discussion 143.
12. Thaker NG, Mammis A, Yanni DS, Singh R, Carmel PW. Distal subgaleal-peritoneal shunt migration into the abdominal wall with subsequent formation of a pre-peritoneal pseudocyst: a rare complication. September 2010;*JSCR*:7:9.
13. Elowitz EH, Yanni DS, Chwajol M, Starke RM, Perin NI. Elevation of Indirect Decompression of the Lumbar Spinal Canal following Minimally Invasive Lateral Transpsoas Interbody Fusion: Radiographic and Outcome Analysis. 2011; 54:201-206.

14. Yanni DS, Mammis A, Battle L, Goldstein IM. Reduction of Displaced Hangman's Fracture by compression across Translaminar Screws. 2012, J Clin Neuroscience 19:582-584.
15. Heary RF, Yanni DS, Benzel EC. "Chapter 55: Anterior Lumbar Interbody Fusion." In: Benzel EC Spine Surgery: Techniques, Complication Avoidance, and Management. Third Edition. New York: Elsevier. 2012.
16. Heary RF, Yanni DS, Jethwa PR, Simeone FA, Crockard HA. "Chapter 86: Rheumatoid Arthritis." In: Benzel EC Spine Surgery: Techniques, Complication Avoidance, and Management. Third Edition. New York: Elsevier. 2012.

REVIEWER

Journal of Neuro-Oncology

PRESENTATIONS

1. Neurosurgery Grand Rounds at UCSD: "Syringocephaly"; July 25, 2002.
2. Neurosurgery Grand Rounds at UCLA: "Spinal Vascular Malformations: Foix-Alajouanine Syndrome"; August 21, 2002.
3. Patil V, Kwartler J, Yanni D, Schwartz L, Schulder M. Conservative Fractionation for CyberKnife Treatment of Acoustic Neuroma. CyberKnife Society, La Quinta, CA; January 2007.
4. Neurosurgery Grand Rounds at UMDNJ: "Moya-Moya Disease: Review of Treatment Options"; January 10, 2007.
5. Patil V, Kwartler J, Yanni D, Schwartz L, Schulder M. Oral Presentation. Conservative Fractionating using CyberKnife in the Treatment of Acoustic Neuromas. AANS/CNS Section on Tumors Biennial Satellite Symposium. Washington, DC; April 2007.
6. Patil V, Kwartler J, Yanni D, Schwartz L, Schulder M. Conservative Fractionation for CyberKnife Treatment of Acoustic Neuroma. American Association of Neurological Surgeons Annual Meeting. Washington, DC; April 2007 .
7. Patil V, Kwartler J, Yanni D, Schwartz L, Schulder M. Oral Presentation. Fractionated CyberKnife Radiosurgery for Acoustic Neuromas. International Stereotactic Radiosurgery Society, San Francisco, CA; June 2007.
8. Goldstein IM and Yanni DS. C2 Anterior Cervical Arthrodesis: retrospective analysis of 17 patients. World Spine IV. World Spine Society Meeting, Istanbul, Turkey; July 2007.
9. Goldstein IM and Yanni DS. Review of C2 Anterior Cervical Arthrodesis. Congress of Neurological Surgeons Annual Meeting. San Diego, CA; September 2007.
10. Neurosurgery Grand Rounds at UMDNJ: "Dynamic Stabilization: Cases and Overview"; October 2007.

11. Neurosurgery Grand Rounds at UMDNJ: "Treatment of Cervicothoracic Myelopathy and Deformity"; March 2008.
12. Neurosurgery Grand Rounds at St. Luke's/Roosevelt Hospital: "Chiari Revision Surgery"; July 2008.
13. Yanni DS, Connery CI, Perin NI. VATS assisted Minimally Invasive Thoracic Discectomy. The Eighth International Symposium on Sympathetic Surgery (ISSS) and VATS 2009: The Seventh International Symposium on Video-Assisted Thoracic Surgery. New York, NY; March 2009.
14. Chandela S, Yanni DS, Perin NI, Elowitz EH, Houten JK. Surgical Management of Lumbar Synovial Cysts-to-Fuse or Not to Fuse: A 65 Patient Experience and Review of Literature. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves 2009 Annual Meeting, Phoenix, AZ; March 2009.
15. Yanni DS, Ulkatan S, Deletis V, Barrenechea IJ, Sen CN, Perin NI. Utility of Dorsal Column Mapping in Intramedullary Spine Surgery. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves 2009 Annual Meeting, Phoenix, AZ; March 2009.
16. Yanni DS, Elowitz EH, Perin NI. Satisfaction with Indirect Decompression in Lumbar Stenosis with the XLIF procedure. AANS/CNS Section on Disorders of the Spine and Peripheral Nerves 2009 Annual Meeting, Phoenix, AZ; March 2009.
17. Yanni DS, Elowitz EH, Perin NI. Indirect Decompression for Lumbar Stenosis with the XLIF procedure. AANS 2009 Annual Meeting, San Diego, CA; May 2009.
18. Neurosurgery Grand Rounds at UCLA: "Indirect Decompression with XLIF" on December 16, 2009.
19. Yanni DS, Zouzias A, Ebersole K, Goldstein IM. Symptomatic Thoracic Kyphosis associated with Macromastia: The High (Thoracic) Price of Beauty?. 26th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL; February 2010.
20. Yanni DS, Christiano LD, Mammis A, Jethwa P, Goldstein IM. Intermediate Term Experience with Tantalum Trabecular Metal Implants in the Cervical Spine. 26th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL; February 2010.
21. Yanni DS, Christiano LD, Mammis A, Barrese J, Goldstein IM. Rates of Infection with Dynamic Stabilization compared to Posterior Instrumented Fusion. 26th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL; February 2010.
22. Christiano LD, Yanni DS, Ebersole K, Assina R, Liu JK. Bone Morphogenetic Protein Induced Cyst Formation After Lumbar Fusion Causing Neural Compression. 26th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves. Orlando, FL; February 2010.
23. Neurosurgery Grand Rounds at UCI: "The Extreme Lateral Approach to Lumbar Stenosis: Exceeding Expectations" on February 24, 2010.

24. Yanni DS, Christiano LD, Mammis A, Jethwa P, Goldstein IM. Experience and Lessons learned with Trabecular Metal Cages in the Cervical Spine. AANS Annual Meeting 2010. Philadelphia, PA; May 2010.
25. Christiano, LD, Yanni DS, Liu JK. Low Shunt Infection Rate with the Use of Intraoperative Intrathecal Antibiotics: Review of Prospective Database. AANS Annual Meeting 2010. Philadelphia, PA; May 2010.
26. Neurosurgery Grand Rounds at UMDNJ: "My Favorite Cases" on June 9, 2010.
27. Neurosurgery Grand Rounds at UCI: "Intracerebral Hemorrhage and Subarachnoid Hemorrhage" on September 22, 2010.
28. Primary Care Physicians Lecture, "Minimally Invasive Spine Surgery", Costa Mesa, CA on January 26, 2011.
29. Neurosurgery Grand Rounds at UCI: "Revision of Chiari Decompression for Recurrent Syrinx" on February 9, 2011.
30. Primary Care Physicians Lecture, "Minimally Invasive and Complex Spine Surgery," Newport Beach, CA on March 16, 2011.
31. Course 009: Anatomy and Surgical Approaches to the Spine. "Lumbar Spine: Anatomy and Surgical Approaches." AANS Annual Meeting 2011. Denver, CO on April 9, 2011.
32. "Minimally Invasive Spine Surgery: Clinical Relevance, Outcomes, and New Techniques", Primary Care Meets Surgical Subspecialty Care-Partners in the Healing Process. UC Irvine School of Medicine, Orange, CA on June 11, 2011.
33. 35th Annual ACOFP-CA Scientific Medical Seminar, "Latest Advancements in Minimally Invasive Spine Surgery", Anaheim, CA. August 12, 2011.
34. Community Talk at Cypress Senior Center with Nuvasive-Compass Spine-Gavin, "Non-operative and operative management of back pain", Cypress, CA on August 28, 2011.
35. 3rd Year Medical Students, "Neurosurgery", UC Irvine Medical Center, Orange, CA on August 22, 2011.
36. Neurology Clerkship Lecture, "Head Trauma", UC Irvine Medical Center, Orange, CA, September 14, 2011.
37. Neurology Grand Rounds, "Conservative and Surgical Management of Spinal Disorders, Role of Minimally Invasive Spine Surgery", UC Irvine Medical Center, Orange, CA, September 16, 2011.
38. UCI School of Medicine Neurology Clerkship Lecture, "Spine Syndromes and Spinal Cord Injury", UCI Medical Center, Orange, CA on October 12, 2011.
39. UC Irvine School of Medicine, Medical Student Surgery Clerkship Lecture, "Neurosurgery," UC Irvine Medical Center, Orange, CA, on December 1, 2011.
40. "Pituitary Tumors and DI Management", Neuro ICU Nurses, UC Irvine Medical Center, January 5, 2012.
41. "Spine Neurosurgery", Neurology Medical Students, UC Irvine Medical Center, January 11, 2012.

42. "Spine Syndromes", Neurology Medical Students, UC Irvine Medical Center, February 22, 2012.
43. Neurosurgery Grand Rounds at UCI: "Lumbar Spine Anatomy and Surgical Approaches: what is relevant? (Part 1), on February 15, 2012.
44. Neurosurgery Grand Rounds at UCI: "Lumbar Spine Anatomy and Surgical Approaches: what is relevant? (Part 2) on March 21, 2012.
45. "Head Trauma & Neurosurgery Cases", Neurology Medical Students, UC Irvine Medical Center on March 28, 2012.
46. Daniel S. Yanni, Amandip Singh Gill. "Minimally Invasive Robotic Guided Percutaneous Lumbar Spine Stabilization and Fusion for Traumatic Lumbar Chance Fractures. AANS/CNS Joint Spine Section of Disorders of Spine and Peripheral Nerves, March 2012.
47. Amandip Singh Gill, Joseph Chia Yu Hsieh, Abhishek Chaturbedi, Daniel S. Yanni, Mark E. Linskey, J. Patrick Johnson, Samer Ghostine. "Parieto-occipito-cervical Instrumentation and Fusion of a Patient with an Unstable Craniocervical Junction after both a Posterior Fossa Craniectomy and Left Transcondylar Craniotomy. AANS/CNS Joint Spine Section of Disorders of Spine and Peripheral Nerves, March 2012.
48. "Head Trauma and Neurosurgical Cases," Lecture to Neuroscience Clerkship, UC Irvine Medical Center, April 25, 2012.
49. "Spine Syndromes and Spinal Cord Injury", Neurology Medical Students, UC Irvine Medical Center, May 9, 2012.
50. Neurosurgery Grand Rounds, UC Irvine Medical Center, "Spine Syndromes and Spinal Cord Injury", May 9, 2012.

RESEARCH EXPERIENCE:

1. Department of Neurology and Pharmacology at UCLA. Harley I. Kornblum, MD, PhD.

Performed experiments, Western blots, Northern blots, Southern blots, PCR, *insitu* hybridization, immunoprecipitation, immunohistochemistry, brain tissue slicing/fixation, and culture neural progenitor cells. Reported directly to PI and made presentations to laboratory about results/data. Research topics include Notch/Delta signaling pathway in neural stem cells; EGF-R and ErbB2, 3, and 4 receptor expression, activation, and function in neural stem cells; and differential gene expression in neural stem cells and various neural cell populations.

MEMBERSHIPS

- American Association of Neurological Surgeons
- Congress of Neurological Surgeons
- North American Spine Society
- Society for Minimally Invasive Spine Surgery
- AANS/CNS Joint Section on Disorders of the Spine and Peripheral Nerves
- California Association of Neurological Surgeons
- American Medical Association
- Lumbar Spine Research Society
- California Medical Association
- Golden Key National Honor Society – Lifetime member
- Phi Beta Kappa – Lifetime member

HONORS and AWARDS

- Summa Cum Laude (UCLA)
- College Honors, College of Letters and Science (UCLA)
- Departmental Honors in Neuroscience (UCLA)
- Honors Thesis in Neuroscience: “EGF and ErbB Receptors Expression and Function in Mouse Neurospheres” (UCLA)
- Dean’s/Provost’s Honors List (UCLA)
- Golden Key National Honor Society – Lifetime Member
- Phi Beta Kappa – Lifetime Member
- Golden Apple Resident Teaching Award –UMDNJ