

DR. VIRELLA'S CV

LOS ANGELES & VENTURA COUNTY

SPINE AND BRAIN SURGERY

ANTHONY ANDREW VIRELLA, M.D., F.A.C.S.

Education:

- M.D, 1996, Columbia University, College of Physicians and Surgeons, New York, New York, 10032
- B.A, 1991, Hofstra University, New College of Liberal Arts and Sciences Hempstead, New York, 11550

Residency:

Surgical Internship, 6/96-7/97

- Hospital of the University of Pennsylvania Philadelphia, Pennsylvania, 19104

Neurosurgery Residency, 7/97-06/04

- 7/97-12/99
Hospital of the University of Pennsylvania
Philadelphia, Pennsylvania, 19104
- 01/00-06/04
University of California, Los Angeles
Los Angeles, California, 90095

Fellowships-Spinal Neurosurgery

- 7/03-11/03
Resident Fellow in Complex Spine Surgery
Dr. Edward C. Benzel, MD
Cleveland Clinic Foundation
Cleveland, Ohio
- 7/04-12/04
Fellowship in Complex and Minimally Invasive Spine Surgery
Dr. Larry T. Khoo, MD
UCLA Comprehensive Spine Center
Los Angeles, California

Hospital Appointments

- 4/05-6/07
Director of Neurosurgery
Ventura County Medical Center
Ventura, California 93003
- 4/06-present
Staff Neurosurgeon
Los Robles Hospital and Medical Center
Thousand Oaks, CA
- 4/06-present
Staff Neurosurgeon
Simi Valley Hospital
Simi Valley, CA
- 11/06-present
Staff Neurosurgeon
Thousand Oaks Surgical Hospital
Thousand Oaks, CA

Publications:

- Marcotte PJ, **Virella AA**. Lumbar Spinal Stenosis: Treatment Options and Results, *Seminars in Neurosurgery* (11) 2: pp 231-244
- Durkin M, Olsen S, Barlow B, **Virella A.A.**, Connelly E.S. The epidemiology of urban pediatric neurological trauma: evaluation of, and implications for injury prevention programs, *Neurosurgery* (42) 2:pp. 300-10.
- Boockvar JA, **Virella A.A.**, Kotapka M, Flamm ES, Grady MS. Neurosurgery at the University of Pennsylvania Medical Center. *Neurosurgery*(46) 5:pp 1223-1228
- **Virella, AA**, Naresh P. Patel, J.P Johnson, Spinal surgery in nonagenarians: Review of the literature and report of 4 cases. Submitted.

- **Virella AA**, Galarza M, Masterman-Smith, Lemus R, Lazareff JA. Distal slit valve and clinically relevant CSF overdrainage in children with hydrocephalus. *Childs Nerv Syst* 2002 Feb; 18 (1) 15-8.
- Khoo LT, **Virella AA**, Mikawa K, Fessler RG, A Surgical Revisitation of Pott's Distemper of the Spine, *The Spine Journal*, Feb 2003

Book Chapters:

- Sutton, L.N., Poffenberger J, **Virella, A.A.**, Brain Abscess: In *Textbook of Neurosurgery* 2002. Edited by Batjer, H, and Loftus, C: Chapter 77.
- Endoscopic Surgical Equipment: Larry T. Khoo, MD, **Anthony Virella, M.D., F.A.C.S.** Vaccarro et al.
- **Anthony Virella, MD** ; Larry T. Khoo, MD, *Complications of Minimally Invasive Spinal Procedures and Surgery: Percutaneous and Intradiscal Techniques*. Vaccarro et al.
- Complications of Minimally Invasive Spinal Surgery: Part I: Cervical and Posterior Lumbar Spine. *Larry T. Khoo, MD Anthony Virella, MD*
- Complications of Minimally Invasive Spinal Surgery: Part II: Thoracoscopy *John J. Regan, MD Neel Anand, MD Larry T. Khoo, MD Anthony Virella, MD Michael A. Pahl, BS Alexander R. Vaccaro, MD*
- Complications of Minimally Invasive Spinal Surgery: Part III: Laparoscopy *John J. Regan, MD Neel Anand, MD Larry T. Khoo, MD Anthony Virella, MD Michael A. Pahl, BS, Alexander R. Vaccaro, MD*
- Complications of Minimally Invasive Spinal Procedures and Surgery: Part IV: Percutaneous and Intradiscal Technique, *Anthony T. Yeung, MD Martin H. Savitz, MD, FACS, FICS, FRCS Larry T. Khoo, MD, Anthony Virella, MD Michael A. Pahl, BS, Alexander R. Vaccaro, MD*
- Spine Surgery: Techniques, Complication Avoidance and Management, Edward C. Benzel, MD Chapter 126, Laminoplasty: French Door, **Anthony A. Virella, MD** and Edward C. Benzel, M.D.

Abstracts/Presentations:

- *Neurosurgical Critical Care: An Overview*., June 24, 1999, Residents Conference
Epidemiology of pediatric head injury in low income, inner city neighborhoods, Grand Rounds, Neurological Institute of New York, Columbia University, May 1996.
- **Virella AA**, Patel N, Johnson JP. Spinal Surgery in Nonagenarians: Initial Clinical Experience. Lende Neurosurgery Conference, Salt Lake City, UT February 2001
- Patel N, Wright N, **Virella AA**, Johnson JP. MRI and Traumatic Spondylolisthesis of the Axis: American Association of Neurological Surgeons-Joint Section on Disorders of the Peripheral Nerves and Spine, Phoenix, AZ, February 2001
- Patel N, Wright N, **Virella AA**, Johnson JP. MRI and the Management of Unstable Hangman's Fractures: American Association of Neurological Surgeons, Toronto, Canada, April 2001
- **Virella AA**, Forage J, Cabatan-Awang C, Wallace R, Solberg T, Selch M, DeSalles AF. Stereotactic Radiosurgery of the Sphenopalatine Ganglion 5th Annual International Stereotactic Radiosurgery Society Congress. Las Vegas , Nevada, June 2001
- Patel N, Wright N, **Virella AA**, Johnson JP. MRI and the Management of Unstable Hangman's Fractures: Congress of Neurological Surgeons, San Diego, California, October 2001. Poster
- **Virella AA**, Lazareff J Does the Use of the Distal Slit valve increase the incidence of overdrainage and the slit ventricle syndrome? The UCLA experience. Congress of Neurological Surgeons, San Diego, California, October 2001. Oral Presentation
- Frighetto L, DeSalles AAF, Smith Z, **Virella AA**, Pedroso A, Behnke E, Bentson J. Image Guided Frameless Stereotactic Cavernous Sinus Biopsy. American Association of Neurological Surgeons, Chicago, IL 2002. Poster
- **Virella AA**, Counelis GJ, Duckweiler G, Vinuela F, Gobin P, Martin NA, Management of Petrotentorial AVMs, *Congress of Neurological Surgeons*, Philadelphia, Pennsylvania. Poster Presentation. 2nd place best poster award CNS Cerebrovascular section.
- **Virella AA**, Forage JS, Frighetto L, Solberg T, Selch M, Desalles AF, Stereotactic Radiosurgery of the Sphenopalatine Ganglia, *Congress of Neurological Surgeons*, Philadelphia, Pennsylvania. Poster Presentation.

- Khoo LT, **Virella AA**. Minimally invasive pedicle instrumentation: Superiority of EMG Stimulation over fluoroscopy in detecting cortical violations. *Spine Across the Sea*. Maui, HI 2003
- **Oral Presentation**
- L Frighetto, M.D., A.A.F. De Salles, MD, PhD Zachary A. Smith, B.A., **AA Virella, M.D., F.A.C.S.**, Alessandra G. Pedroso, Erick Behnke, B.S. John Bentson, M.D Guided Frameless Stereotactic Cavernous Sinus Biopsy, American Association of Neurological Surgeons, May 2002. Poster.
- Khoo LT, **Virella AA**, Gravori. Anatomic validation of spinal screw instrumentation utilizing intraoperative three-dimensional CT image-guidance, American Association of Neurological Surgeons, May 2004. Oral Presentation.
- Larry Khoo, MD, **Anthony A. Virella, MD**, Javier Garcia-Bengochea, Ali Araghi, MD
- University of Los Angeles California, Los Angeles, CA; Lyerly Neurosurgical Group, Jacksonville, FL; Texas Back Institute, Phoenix, AZ
- Minimally invasive segmental multilevel fixation of the lumbar spine: a multicenter prospective surgical experience. AANS 2004
- Larry Khoo, MD, Anthony A. Virella, MD, Javier Garcia-Bengochea, MD, Richard Holt3, Mohammad Majid4, Mark Spoonamore, MD5, Ali Aragi, MD6*
- 1University of California Los Angeles, Los Angeles, CA; 2Lyerly Neurosurgical Group, Jacksonville, FL; 3Spine Surgery PSC, Louisville, KY; 4Spine Surgery, PSC, Louisville, KY; 5USC Center for Spinal Surgery, CA; 6Texas Back Institute, Phoenix, AZ A novel minimally invasive pedicle screw instrumentation for spinal fixation a multicenter experience. AANS 2004
- **Anthony A. Virella, MD**, Larry T. Khoo, MD, Tooraj Gravori, MD, Odebukula Onibukon, MD, UCLA Los Angeles, California
- Minimally invasive transforaminal interbody fusion with percutaneous instrumentation: A prospective comparison of surgical accuracy, functional and fusion outcomes in 32 patients versus open controls. AANS 2004

Honors and Awards:

- Best Poster 2nd place CNS Cerebrovascular Section, CNS Annual Meeting 2002, Philadelphia PA
- National Medical Fellowship Award, Columbia University College of Physicians and Surgeons
- Dens Award for excellence in Chemistry, Hofstra University, New College, 1990.

Workshops/Professional Courses:

- AFIP Neuropathology Review Course, Bethesda, MD 2003
- The Chicago Review Course in Neurosurgery, Hotel Intercontinental, Chicago, IL 2003
- 1st Annual Residents Workshop, North American Skull Base Society, Medical Education and Research Institute, Memphis, Tennessee. July 18-21, 2002
- Clinical Instructor: Cleveland Clinic Spine Review, Cleveland, Ohio August 2003
- Faculty, AANS Goodman Oral Board Review Course, Houston, TX May 2011

Memberships:

- American Association of Neurological Surgeons, Active Member
- Congress of Neurological Surgeons, Active Member
- California Neurosurgical Society
- Pennsylvania Neurosurgical Society
- Joint Section of Spine and Peripheral Nerve Surgery, Active Member
- Joint Section on Brain Tumors, Transitional Member
- Diplomate, American Board of Neurological Surgery, Board Certified May 2010

References:

- Available upon request.