

# CURRICULUM VITAE

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## **Fatima de Natividade Abrantes-Pais, MD**

Oklahoma City VA Medical Center, Neurology & Rehabilitation Service

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## **EDUCATION AND TRAINING**

**Neurological Rehabilitation Fellowship:** The Weill Medical College of Cornell University at The Burke Rehabilitation Hospital - Mar 1, 1999 to June 30, 2000.

**Neurology Residency:** The University of Oklahoma Health Sciences Center - July 1, 1995 to June 30, 1996, and Mar 1, 1997 to Feb 28, 1999.

**Internship, Internal Medicine:** The University of Oklahoma Health Sciences Center - March 1, 1995 to June 30, 1995 & July 1, 1996 to February 28, 1997.

**Master's, Neuro-Oncology:** Escola Paulista de Medicina of the Federal University of São Paulo, Discipline of Neurology, São Paulo, SP, Brazil. - March 1991 - February 1994.

**Neurology Residency:** Escola Paulista de Medicina of the Federal University of São Paulo - February 1989 - January 1991.

**Internship, Internal Medicine:** Internal Medicine - Escola Paulista de Medicina of the Federal University of São Paulo - February 1988 - January 1989.

**Medical School:** Escola Paulista de Medicina of the Federal University of São Paulo, São Paulo, SP, Brazil - January 1982 - December 1987.

## **PROFESSIONAL EXPERIENCE**

### **1. Academic:**

- Assistant Professor of Neurology, The University of Oklahoma Health Science Center – 2000-2010.
- Staff Neurologist, Oklahoma City VA Medical Center – 2000-2010.

# CURRICULUM VITAE

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- Associate Professor of Neurology and Neurotherapeutics, University of Texas Southwestern Medical Center, 2011-2014
- Staff Neurologist, Dallas VA Medical Center, 2010-2014
- Clinical Associate Professor of Neurology, The University of Oklahoma Health Science Center – 2014-present
- Staff Neurologist, Oklahoma City VA Medical Center – 2014-present

## 2. Administrative:

- Chief, Neurology & Rehabilitation Service, Oklahoma City VA Medical Center – Aug 2015-present.
- Section Chief, TBI/Polytrauma & Pain Program, Oklahoma City VA Medical Center – 2014-present (acting chief since Aug 2015).
- Assistant Chief, Neurology Section, Dallas VA Medical Center – 2013-2014
- Director, EEG laboratory and Epilepsy clinic, Dallas VA Medical Center – 2011-2014
- Director, Interdisciplinary ALS Care Program, Dallas VA Medical Center – 2011-2014
- Director, Inpatient Neurology, Rehabilitation, Spinal Cord Injury Services, Oklahoma City VA Medical Center – January 2007 to July 2010.
- Director, Spinal Cord Injury/Diseases & Multiple Sclerosis Program, Oklahoma City VA Medical Center – July 2000 to December 2007.
- Director, Neuro-Rehabilitation, Oklahoma City VA Medical Center – July 2000 to June 2002.

## 3. Patient Care:

### Oklahoma City VA Medical Center – current

- Pain Program:
  - Neuro-spine clinics, direct care, supervision and staffing – 2014-present
  - Spine Interdisciplinary Conference staffing – 2014-present
  - Expert consultative services for Neuro-Rehab and Ambulatory Care – 2014-present
  - Pain Board member – 2014 - present
- TBI/Polytrauma program
  - TBI/Polytrauma clinic supervision and staffing – 2014-present
  - Interdisciplinary team staffing – 2014-present
- Inpatient Neurology & Rehabilitation attending – 2014-present
  - Neurology
  - Neuro-Rehabilitation
  - Orthopedic Rehabilitation
  - Spinal Cord Injury

### Dallas VA Medical Center

- Staff Physician, SCI Service: Patient care duties on inpatient and outpatient settings – 2010-2011
- Staff, SCI/MS clinic – 2010-2012
- Staff Physician, Neurology / Medical Service, Dallas VA Medical Center – 2011-2014:
  - Inpatient attending, 3-4 months a year, in divided blocks.
  - Outpatient clinics:
    - Interdisciplinary ALS clinic

# CURRICULUM VITAE

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- Epilepsy clinic
- General Neurology Follow-Up clinics
- General Neurology New-Patient clinics
- Neurology outpatient consult screening
- Outpatient Electronic-Consult responses
- EEG readings and reports

## **Oklahoma City VA Medical Center - past**

- Neurology inpatient attending – 2000-2010
- Acute Inpatient Rehabilitation attending – 2000-2002 & 2007-2010
- Spinal Cord Injury inpatient attending – 2000-2010
- Spinal Cord Injury clinic – 2000-2010
- Neurology Residents longitudinal clinic attending – 2000-2007
- General Neurology clinics: supervision of physicians assistants – 2008-2010
- Outpatient Neuro-Rehabilitation clinic – 2008-2010
- Power Mobility clinic, leader of interdisciplinary including Physical Therapy, Prosthetics specialist, Nursing. – 2008-2010

## **University of Oklahoma Health Science Center**

- Neurology inpatient attending – 2000-2006
- Outpatient Neurology clinic, focusing on MS and SCI – 2000-2006

## **CERTIFICATIONS AND BOARD STATUS**

- Board Certified in Neurology by the American Board of Psychiatry and Neurology – since 2000. Maintenance of certification through 2020.
- Board Certified in Spinal Cord Injury Medicine, subspecialty certification by the American Board of Physical Medicine and Rehabilitation – since 2002. Maintenance of certification through 2022.
- Certified in the subspecialty of Neural Repair and Rehabilitation by the United Council of Neurologic Subspecialties – since 2012. Maintenance of certification through 2022.
- Certified in Neuro-Rehabilitation by the American Society of Neuro-Rehabilitation – since 2001.
- Certified as Multiple Sclerosis specialist by the Multiple Sclerosis Centers of Excellence – since 2005.

## **LICENSES**

- Oklahoma Medical License: active
- Texas Medical License: active
- New York Medical License: inactive
- São Paulo State (Brazil) Medical License: inactive.
- DEA licensed.
- OSBN licensed

# CURRICULUM VITAE

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## RESEARCH AND SCHOLARSHIP

### Research Funding

Research Career Development Award, Rehabilitation Research and Development, Veterans Health Administration. Award # B2846V. Title: "Level of spinal cord injury and intensity of anger: a view into the influence of sympathetic feedback on perceived emotional experiences." July 2002 – June 2005. Role: Principal Investigator. Percent effort: 70%.

### Teaching Materials Developed

**The Neurological Examination.** Developed by Fátima Abrantes-Pais, MD & Marc Lenaerts, MD. An online tool to teach medical students how to perform a screening neurological examination, and what each of the maneuvers mean. 2002-2003.

## PUBLICATIONS

### PAPERS

- Tsai S, Baig MS, Abrantes-Pais F, Valentine RJ. Cough-induced TIA treated with revascularization of the external carotid artery. J Vasc Surg. Accepted for publication.
- de N. Abrantes-Pais F, Friedman JK, Lovallo WR, Ross ED. Psychological or physiological. Why are tetraplegic patients content? Neurology. 2007 Jul 17;69(3):261-7. Epub 2007 Apr 25.
- Zacharias SJ, Kalapura T, Abrantes-Pais F, Hennebry TA. Carotid artery stenting: a therapeutic alternative in subtotal internal carotid artery occlusions. Journal of Interventional Cardiology. 2007;20(3):214–221.
- Aupperle RL, Beatty WW, Shelton Fde N, Gontkovsky ST. Three screening batteries to detect cognitive impairment in multiple sclerosis. Mult Scler. 2002;8:382-389.
- Shelton FN, Reding MJ. Effect of lesion location on upper limb motor recovery after stroke. Stroke. 2001;32:107-112.
- Shelton FD, Volpe B T, Reding M. Motor impairment as a predictor of functional recovery and guide to rehabilitation treatment after stroke. Neurorehabil Neural Repair. 2001;15(3):229-37.

### ABSTRACTS

- Psychological or physiological: why are tetraplegic patients content. Abrantes Pais Shelton, Fátima de N.; Friedman, Joyce K.; Lovallo, William R.; Ross, Elliott D. – Abstract presented at the 57<sup>th</sup> Annual Meeting of the American Academy of Neurology, April, 2005, Miami Beach, FL.

## CURRICULUM VITAE

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- Amato Lusitano: a Renaissance physician and his contributions to the neurosciences. *Abrantes Pais Shelton, Fátima de N.* – Abstract presented at the 57<sup>th</sup> Annual Meeting of the American Academy of Neurology, April, 2005, Miami Beach, FL.
- Faster and better: lower limb motor recovery after stroke. *Shelton, Fátima de N. A. P.*; Reding, Michael J. – Abstract presented at the 2002 Meeting of the American Society of Neuro-Rehabilitation.
- “The effect of motor recovery on disability following stroke”. *Shelton, FdeNAP*; Volpe, BT; Reding, MJ. Abstract presented at the 25th International Stroke Conference, February, 2000, New Orleans, LA. Submitted for publication.
- "Comprometimento do Sistema Nervoso (SN) pela intoxicação por mercúrio (Hg) inorgânico: apresentação de dois casos" (Effects of Inorganic Mercury Intoxication on the Nervous System: Two Case Studies). *Pais, FdeNA*; Oliveira, ASB; Ricardi, GV; Tengan, CH & Gabbai, AA. Presented at the XIV Brazilian Congress of Neurology, September 1990, Rio de Janeiro, RJ, Brazil.

### MASTER'S THESIS

- "Oligodendrogliomas: Estudo de dez pacientes e avaliação de resposta a quimioterapia com CCNU e vincristina" (Oligodendrogliomas: Study of Ten Patients and Evaluation of Response to Chemotherapy with CCNU and Vincristine). Presented at the Escola Paulista de Medicina in December 1993 for a master's degree in Neurology. Preliminary data presented at the XV Brazilian Congress of Neurology, October 1992, Porto Alegre, RS, Brazil.

### TEACHING ACTIVITIES – Selected lectures and courses

#### Courses and lectures to medical students:

- Neurology Clerkship: Lectures on demyelinating diseases, eye-movement disorders, and dizziness, 3<sup>rd</sup>-year medical students, University of Texas Southwestern Medical Center, 2011-2014.
- "Myelopathies" lecture to second-year medical students as part of the course Introduction to Human Illness. 2008
- Faculty and instructor, "Principles of Clinical Medicine", to second-year medical students. 2007-2008.
- “Spinal cord injury clinical correlation”, and “Spina bifida clinical correlation”, for the first-year medical students, The University of Oklahoma Health Science Center. Part of the Neuroscience course. From 2000 to 2007.
- “Introduction to stroke”, and “Introduction to demyelinating diseases”, course “Introduction to Human Illness”, for the second-year medical students, The University of Oklahoma Health Science Center. From 2000 to 2007.
- Course module coordinator: “Principles of Clinical Medicine”, Neurology module, for the second-year medical students at The University of Oklahoma Health Science Center. PCM-II. Role: organization of the module, delivery of

## CURRICULUM VITAE

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six-eight one-hour lectures, coordination of a three-hour neurological-examination practice experience. From 2001 to 2006.

### **Courses and lectures to physicians-assistant students:**

- "Clinical stroke" lecture to second-year physicians-assistant students. 2001-2002.
- "Spinal Cord Disorders" lecture to second-year physicians-assistant students. 2005-2008.
- "Stroke" lecture to physicians-assistant students. 2003-2004.

### **Courses and lectures to Neurology Residents:**

- Course: "Doctoring Skills" 2008-2009. (together with David Gordon, MD and Chaouki Houry, MD). Weekly lectures (Monday morning, 7:30-8:30) on issues such as patient-physician relationship, empathy, communication, documentation, medical ethics, cultural diversity, practice management. Geared towards the Art of Medicine.
- Lecture: "Key articles in Demyelinating Diseases" 2008-2009
- Lecture: "Non-stroke Clinical scales in Neurology" 2008-2009
- Lecture: "Multiple sclerosis: classification and diagnosis" 2008-2009
- Lecture: "Multiple sclerosis: treatment and prognosis" 2008-2009
- Lecture: "Non-MS demyelinating disorders" 2008-2009
- Journal Club: "Demyelinating diseases" 2008-2009
- Lecture: "Comprehensive management of multiple sclerosis" 2008-2009
- Lecture: "Chronic myelopathy complications and rehabilitation" 2008-2009
- Lecture: "Neuro-Oncology Review" 2008.
- Lecture: "Spinal Cord Injury Management" 2007
- Lecture: "SCI-related symptom management" 2007
- Lecture: "Evaluation, Diagnosis, and Treatment of Patients with Acute Spinal Cord Injuries," Silver Spoon Lecture Series, 2006.
- Lecture: "Evaluation, Diagnosis, and Treatment of Patients with Acute Spinal Cord Injuries," Silver Spoon Lecture Series, 2004.
- Lecture: "Stroke prevention of complications for residents" September, 2004
- Lecture: "Stroke care & recovery," September, 2001

### **Grand rounds and conferences, within Neurology Department:**

- Neurology Grand Rounds – March, 2015 – Pain and the Brain: neurological approach to chronic pain
- Neurology Grand Rounds – April, 2007 – Psychosocial adjustment and Societal Reintegration after Spinal Cord Injury
- Neurology Grand Rounds – October, 2006 – "Pharmacological modulation of neurological recovery after CNS injuries"
- SCI Team educational series for Neurosciences staff – October, 2006 – "Spinal Cord Anatomy and Physiology"
- Neurology Grand Rounds – October, 2004 – "How did we get here?: Lessons from the History of Neurology".

## CURRICULUM VITAE

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- Neurology Grand Rounds - September, 2002 – “That Unsupervised Kid Downstairs: Neurogenic Bladder in Neuro-Rehabilitation (Wanna Go??!)”
- Neurology Grand Rounds - July, 2002 – “And, After the Storm... Basic Principles of Post-Stroke Rehabilitation”
- Neurology Grand Rounds - January, 2002 – “Emotional Experiences: What does the spinal cord have to do with them?”
- Neurology Grand Rounds - September, 2001 – “Stroke Care and Recovery”
- Neurology Grand Rounds – February, 2001 – “That Helpful Hand: Upper Limb Motor Recovery After Stroke”.
- Neurology Grand Rounds – December, 2000 – “Stroke Rehab #1: Checking the Horses before Loading the Wagon”.
- Neurology Grand Rounds – December, 1998 - “Pain Issues in Neuro-Rehabilitation”.
- Neurology Grand Rounds - April, 1998 – “Cerebral Venous Thrombosis”.
- Neurology Grand Rounds – January, 1998 – “Central Nervous System Lymphoma”.
- Neurology Grand Rounds – December, 1997 – “Dysembryoplastic Neuroectodermal Tumor”, clinical-pathological conference.

### **Grand rounds and conferences, other departments:**

- Rheumatology, UTSW – March, 2011 – Myopathies
- Internal Medicine Grand Rounds – March, 2009 – Demyelinating Diseases.
- Pulmonary Medicine Grand-Rounds – August, 2008 - Delirium in the Critically-III Patient.
- Psychiatry Residents Conference – January, 2007 – Neurologic Examination.
- Pulmonary & Critical Care Conference – January, 2007 – Seizures in the Critically III.
- Psychiatry Residents Conference – May, 2006 – Neurologic Examination.
- Pulmonary & Critical Care Conference – January, 2006 – Seizures in the Critically III.
- Family Medicine Department Conference – May, 2005 – Multiple Sclerosis Update
- Pulmonary Medicine Grand Rounds – May, 2004 – Assessment of the coma patient.
- Pulmonary Medicine Grand Rounds – July, 2004 – Seizures in the Critically III.
- Neuropsychology Case Conference – 2003 – Multiple Sclerosis
- Cardiology Grand Rounds – October, 2003 – "Stroke Update for the Cardiologist".
- Medicine House Staff Conference - July, 2002 – “5-Minute Neuro Exam”
- Medicine House Staff Conference - September, 2001 – “Cerebrovascular disease”

### **Courses and conferences, city-wide and state-wide:**

## CURRICULUM VITAE

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- 2007 Neurology Update, OUHSC – March, 2007 – Multiple Sclerosis: What Is New
- McAlester Regional Health Care CME activity, McAlester, OK – April, 2007 – "Brain and Spinal Cord Injuries"
- Annual Primary Care Update Conference, OUHSC – May, 2006 – Neurology Update in Primary Care.
- 2005 Neurology Update, OUHSC – March, 2005 – Multiple Sclerosis: What Is New
- Stillwater Hospital Medical Staff Grand Rounds, Stillwater, OK – February, 2005 – "Incontinence in the Neurological Patient"
- 2004 Neurology Update, OUHSC – March, 2004 – Multiple Sclerosis: What Is New
- 2003 Neurology Update, OUHSC – March, 2003 – Stroke Rehabilitation

### **Courses and conferences, Regional / VISN level:**

- 2003 VA VISN-16 Spinal Cord Injury Hub & Spoke Conference – March, 2003 – Spasticity Management
- SCI Program Staff Training – December, 2002 – Multiple Sclerosis Update for Physicians and Nurses

### **Courses and conferences, National level:**

- Lecture: "Psychosocial changes and societal reintegration after spinal cord injury." Part of the PM half-day course "Spinal Cord Injury," American Academy of Neurology Annual Meetings, 2007, 2008, 2009, and 2010.

### **Continuing Education & Conferences organized:**

- Director of the 2003 Annual Neurology Update, The University of Oklahoma Health Science Center. CME activity. March 2003. A 13-hour course, with about 15 faculty, including two invited guest speakers from other states, and multiple speakers from several departments and institutions within our campus. About 150 attendees, including internists, family practitioners, neurologists, residents, and medical students.
- Director of the 2003 Hub-and-Spoke VISN-16 Spinal Cord Injury conference, Veterans Health Administration. CME activity. April, 2003. A full three-day course, geared towards health-care providers working in Spinal Cord Injury programs in VA Medical Centers within VISN-16. Approximately 70 professionals from 10 VA Medical Centers, and five states (Oklahoma, Texas, Arkansas, Louisiana, Mississippi) attended the course. Several guest speakers from several states (Texas, Washington, Oklahoma) presented topics related to clinical and scientific aspects of spinal cord injury.

### **Individual Mentoring:**

- **Students**
  - Seema Sikka, University of Oklahoma Medical School class of 2005
  - Elizabeth Foote, University of Oklahoma Medical School class of 2005
  - Ryan Fogg, University of Oklahoma Medical School class of 2005



# CURRICULUM VITAE

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- Pooja Singhal, University of Oklahoma Medical School class of 2007
- Brad Chaser, University of Oklahoma Medical School class of 2007
- **Residents**
  - Matthew Ryan, MD, University of Oklahoma, Neurology, 2004-2008
  - Evgeny Sidorov, MD, University of Oklahoma, Neurology, 2006-2010
  - Tanya Reyna, MD, University of Oklahoma, Neurology, 2007-2011

## PROFESSIONAL SERVICE

- **Service to the Oklahoma City VA Medical Center**
  - Pain committee member, 2014-present; chairperson, 2015-present
  - Professional Standards Board, Aug 2015-present
  - Compensation Panel meeting, Aug 2015 – present
  - Health Care Delivery Committee member, 2015-present
  - Peer Review committee member, 2015-present
  - CARF committee member, 2015-present
  - Medical Records Committee member, 2004-2010.
  - Utilization Management Committee member, 2009-2010
  - Major Medical Equipment Committee chairman, 2010
  - Peer Review Committee ad-hoc member, 2000-2010.
  - Research and Development committee member, 2003-2006.
- **Service to the University of Oklahoma Health Science Center**
  - Neurology Executive Committee member 2015-present
- **Service to professional societies with national representation**
  - Member, VA National ALS Executive Committee, 2013-2014.
  - Program Committee member, American Society of Neuro-Rehabilitation, 2006-2007.
  - Examination committee member, American Society of Neuro-Rehabilitation, 2000-2004
  - Expert participant. Stroke rehabilitation clinical practice guidelines. Office of Performance and Quality. Veterans Health Administration.

## ADMINISTRATION

### LEADERSHIP

- Chief, Neurology & Rehabilitation Service, Oklahoma City VA Medical Center, Aug 2015-present.
- Section Chief, TBI/Polytrauma & Pain Program, Oklahoma City VA Medical Center – 2014-present (Acting Chief since Aug 2015)
- Assistant Chief, Neurology Section, Dallas VA Medical Center – 2013-2014
- Director, Interdisciplinary ALS Care Program, Dallas VA Medical Center – 2011-2014
- Director, EEG laboratory and Epilepsy clinic, Dallas VA Medical Center- 2011-2014
- Director, Neuro-Rehabilitation Service, Oklahoma City VA Medical Center –

# CURRICULUM VITAE

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2000-2002

- Director, Inpatient Neurology, Rehabilitation, Spinal Cord Injury Services, Oklahoma City VA Medical Center – 2007-2010
- Director, Spinal Cord Injury/Diseases & Multiple Sclerosis Program, Oklahoma City VA Medical Center – 2000-2007

## PROGRAM DEVELOPMENT

### Oklahoma City VA Medical Center – current appointment:

- TBI/Polytrauma & Pain Programs: 2014-present.  
Goals:
  - To further integrate available services and teams to address short-term and long-term care needs of OEF/OIF veterans and other veteran populations who suffer from TBI/Trauma-related and chronic-pain-related physical, neurocognitive, and psychological limitations in a smoother and more effective fashion, with collection of outcome data and quality-improvement monitoring/plan.
  - To provide assessment and individualized plan of care to veterans suffering from chronic pain, with focus on multifaceted and interdisciplinary approaches. Reduction of excessive opioid use, and related risks. Early detection of neurological deficits associated with the pain-generating process. Developing creative ways of attending to the patient-population needs with available and foreseeable resources.
  - To integrate the interdisciplinary TBI/Polytrauma and Pain services under one interdisciplinary umbrella, given the large number of patients who are seen in both programs.

### Dallas VA Medical Center:

- Amyotrophic Lateral Sclerosis Interdisciplinary Program. Implementation: 2011.
  - Goal: To provide comprehensive interdisciplinary neurological and rehabilitation care for patients affected by amyotrophic lateral sclerosis and other motor-neuron diseases.
  - Leadership of team composed from professionals from various disciplines: Neurology, Occupational Therapy, Speech and Language Pathology, Respiratory Therapy, Social Services, Pulmonary Medicine.
  - Approximately 90 patients served since 2011, with average census of 30-35 patients.
- Amyotrophic Lateral Sclerosis Home Care Service System. Developed a partnership with the Geriatrics and Extended Care division.
  - Development of home-care protocol and pathway for ALS patients, streamlining enrollment and initiation of services, including ADL-aide, nursing, physical and occupational therapy, home-safety evaluation. Implementation: 2012.
  - Negotiations that led to the acceptance of ALS patients for admission to the Home-Based Primary Care (HBPC) Program, including in-service training for HBPC staff. Implementation: 2013.
- Reestablishment of the EEG Laboratory, which had been inactive for several months. Worked with VA Front Office/Administration on a stepwise plan to

## CURRICULUM VITAE

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get EEG services in place: contract arrangements with non-VA providers for urgent EEG requests, fixing broken-down EEG equipment and get it operational again, contracting temporary EEG-technician, recruiting and training permanent full-time EEG technician, obtaining approval for acquisition of new EEG equipment for the Laboratory and for bedside EEG monitoring which is expected to be installed soon. Implementation initiated in 2011.

- Reorganization of the Epilepsy clinic:
  - Weekly clinics for complicated epilepsy/seizure cases.
  - Preventing interruption of vagus-nerve-stimulator services, thus avoiding outside referrals for 30-35 patients who carried the device, and for others that would need it implanted, with upfront savings of \$20K per implant/revision plus ongoing monitoring and interrogation costs, maintaining excellence of care, and avoiding fragmentation of care.
  - Epilepsy Monitory Unit and Epilepsy Center of Excellence referral pathway, in partnership with the Madison VA EMU: a system for efficient interfacility referrals of epilepsy patients for video-EEG monitoring and surgical treatment of epilepsy. Admission waiting times: about one month, compared to as long as six months for non-VA community referrals. Initial savings vEEG savings to the VA: \$20-40K, plus the cost of surgery and perioperative care when indicated. Good patient satisfaction. Excellent outcomes. State-of-the-art quality of care.
- Neurology outpatient consult-screening and electronic-response system. Implementation: 2011-2012.
  - Working closely with Ambulatory Care Service and Primary Care Providers to meet their Neurology-input needs.
  - Outpatient consult requests reviewed on the same day or within 24 hours.
  - Establishment of Neurology Electronic Consult Responses.
  - Increased availability to discuss cases with PCPs.
  - Virtually eliminated the practice of consult denial.
  - Decreased complaints from referring providers to almost none.
- Neurology outpatient Electronic Waiting List (EWL) review and management. Implementation: 2014.
  - At Chief-of-Service's request, 330 outstanding Electronic-Waiting-List patient cases were individually reviewed, the best way to meet each patient's needs was determined, and appropriate actions were implemented: face-to-face appointments, non-VA-care referrals, electronic-consult responses.

### **Oklahoma City VA Medical Center (previous appointment):**

- Stroke Neuro-Rehabilitation Care Pathway multidisciplinary task force, Oklahoma City VA Medical Center. An ongoing multidisciplinary effort initiated in 2009. Goals: To implement a longitudinal continuum of care from ER to community reintegration, smooth transition from acute care to rehabilitation, improve efficiency of care and decrease hospital stay without sacrificing patient care and outcomes, improve patient outcomes. Implementation: 2010.

## CURRICULUM VITAE

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- CARF accreditation task force, member. Comprehensive Interdisciplinary Inpatient Rehabilitation Program, Oklahoma City VA Medical Center. Last reaccreditation = 2009.

### **MEMBERSHIPS, HONORS, AWARDS and SPECIAL RECOGNITION**

- **Scholarly, Professional and Scientific Memberships**
  - American Academy of Neurology, since 1996.
  - American Society of Neuro-Rehabilitation, since 1999.
  - American Paraplegia Society, since 2000.
- **Special Recognition**
  - Best Inpatient Ward Attending, OUHSC/OKC-VAMC, 2007-2008, from neurology residents.
  - Top-five best Neurology attendings, UTSW/Dallas-VA, 2012-2013, from medical students.

### **PROFESSIONAL GROWTH AND DEVELOPMENT**

- Annual American Academy of Neurology meeting
- Annual American Society of Neuro-Rehabilitation meeting.
- Annual American Paraplegia Society meeting.
- VHA Multiple Sclerosis Centers of Excellence, annual and online meetings.
- VHA spinal-cord-injury research and clinical meetings.
- Attendance to local and regional Neurology lectures and meetings.

### **OTHER**

#### **SELECTED EXTRACURRICULAR ACTIVITIES**

- **Deadly Medicine OUHSC educational program organizing committee member**, in connection to the exhibit “Deadly Medicine: the creation of the master race,” at the Science Museum Oklahoma, April-July, 2009.
- **Communications Secretary**, 2007-2009, and **Vice-President of Programming**, 2008-2009, Temple B’Nai Israel Sisterhood.
- **Educational lectures to the lay community**, in topics such as age-related cognitive deficits, stroke prevention, wellness and health-care maintenance.
- **Neurology Monitorship** (medical student activities in a discipline that he/she has already passed. After being selected, students perform various duties in that area, including research, treating patients and orienting newer students under professor's supervision) – Discipline of Neurology, Escola Paulista de

## CURRICULUM VITAE

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Medicina. Clinical and didactic work, mainly in the Neurology Emergency Room - March 1985 - December 1987, during my 4<sup>th</sup>, 5<sup>th</sup>, and 6<sup>th</sup> years of medical school.

- **Pathology Mentorship** - Disciplines of Surgical and Medical Pathology, Escola Paulista de Medicina. Performed 30 necropsies and led various clinical-pathology meetings - March 1985 - December 1986, during my 4<sup>th</sup> and 5<sup>th</sup> years of medical school.
- **Anatomy Mentorship** - Discipline of Descriptive Anatomy, Department of Morphology, Escola Paulista de Medicina. Dissection and macroscopic study of human organs - March - December 1983, during my 2<sup>nd</sup> year of medical school.

### LANGUAGES

- English
- Portuguese
- Spanish