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Dr. JOSÉ FRANCISCO TÉLLEZ- ZENTENO

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## I BIOGRAPHICAL DATA

Name: José Francisco Téllez-Zenteno  
Address: Division of Neurology. Department of  
Medicine. Royal University Hospital 103  
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Saskatoon SK S7N 0W8  
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Personal website: <http://josetellezzentenoepilepsy.com/>  
Marital Status: Married

## II ACADEMIC RECORD

Final Degrees: Medical Doctor;  
PhD (Clinical epidemiology)  
Dates Completed: 1996, 2003  
Institution: National University of Mexico (UNAM),  
Mexico City

### a1. Undergraduate

1995 Rotatory Internship. Hospital GEA Gonzalez. Mexico City  
1996 Research Social Service. Department of Biochemistry. National Institute of  
Cardiology, Mexico City

### a2. Postgraduate

### Medical training



- 2009-2010 Master degree in Clinical Neuroimmunology. Granted by the Autonomous University of Barcelona. March 2009-March 2010
- 2005 - 2006 Clinical Fellow (Epilepsy-EEG) Comprehensive Epilepsy Program; Foothills Medical Center, University of Calgary. Calgary Alberta Canada. July 2005-October 2006
- 2003 - 2005 Clinical Fellow (Epilepsy-EEG) Comprehensive Epilepsy Program; London Health Sciences Center, University of Western Ontario. London, Ontario, Canada. September 2003-June 2005
- 2000 - 2003 Residency of Neurology. National Institute of Medical Sciences and Nutrition “Salvador Zubirán” and National Autonomous University of Mexico (UNAM), Mexico City. Thesis: “HLA Class II Genotypes in Mexican Mestizo Patients with Myasthenia Gravis”. March 2000-February 2003
- 1996 - 2000 Residency of Internal Medicine. National Institute of Medical Sciences and Nutrition, “Salvador Zubirán” and National Autonomous, University of Mexico (UNAM). Mexico City. Thesis: “Risk factors associated with depression in patients with type 2 diabetes mellitus”. March 1996-February 2000

### **Research training**

- 2001 - 2003 PhD Degree in Medical Sciences. Focus: Clinical Epidemiology. National Autonomous, University of Mexico (UNAM), Mexico City. Thesis: “Prevalence and risk factors associated with the presence of peripheral neuropathy in patients with hepatitis C virus infection”. March 2001-February 2003. Diploma received on February 7, 2007
- 1999 - 2001 Master Degree in Medical Sciences. Focus: Clinical Epidemiology. National Autonomous, University of Mexico (UNAM), Mexico City. Thesis: “Prognostic factors of thymectomy in patients with myasthenia gravis: a cohort of 132 patients”; Graduated with Honors and Antonio Caso Silver medal award for excellent performance. March 1999-February 2001. Diploma received on September 4, 2003

### **b. Present academic Appointments**

- |              |           |  |
|--------------|-----------|--|
| 2013-present | Professor | Division of Neurology. Department of Medicine.<br>University of Saskatchewan |
| 2012-present | Director  | Systems teaching “Neurology-Ophthalmology”                                   |

		College of medicine, University of Saskatchewan
2011-present	Medical Director	Single seizure clinic, Division of Neurology. Department of Medicine. Royal University Hospital, Saskatoon, Saskatchewan
2011-present	Associate member	Department of Community Health Sciences and Epidemiology
2007-present	Adult director	EMG-EEG laboratory, Saskatoon Health region
2006-present	Staff Neurologist	Division of Neurology. Department of Medicine. Royal University Hospital, Saskatoon Health Region
2013-18	National Researcher	National Researcher Level III. National System of Researchers of Mexico, (CONACYT-National Council of Science and Technology of Mexico), Level two, based in Canada (2013-18). This is an honorific position that the government of Mexico gave me through the CONACYT due to my overall scientific productivity
2008-present	Founder and adult chair	Epilepsy program, Division of Neurology. Department of Medicine. Royal University Hospital, Saskatoon, Saskatchewan
2007-present	Residency Training	Program Research Coordinator of Neurology
2009-present	Associate member	Department of Pediatrics University of Saskatchewan of the paediatrics department

**c. Licensure, certifications and boards**

- 2014 Royal College of Physicians and Surgeons of Canada (Neurology)
- 2008 Licentiate of the Medical Council of Canada Credential Medicine
- 2008 Qualifying examination Part II- Candidate code No. 200436061
- 2006 College of Physicians and Surgeons of Saskatchewan–Neurologist-special licensure, Registration No: 9690
- 2006 Canadian EEG exam. Issued on June 11-12, 2006

- 2005-6 College of Physicians and Surgeons of Alberta– Fellow, Registration No: 12144
- 2004-5 College of Physicians and Surgeons of Ontario– Fellow, Registration No: 80923
- 2004-6 Canadian Medical Protective Association, No: 20031853
- 2005 Qualifying examination Part I- Candidate code No. 200436061
- 2005 International Credentials Services (EICS). Certification number E04917-1
- 2004 Medical Council Evaluating Examination – Candidate code No. 200436061
- 2003 Certified by the Mexican Board of Neurology. Exam date, February 14-15, 2003
- 2000 Certified by the Mexican Board of Internal Medicine. Exam date; March 1, 2000
- 1996 Medical Doctor-Mexico. License number: 2251287
- 1995 National Exam for Medical Residencies in Mexico. Issued on October 7-8, 1995

**d. Honors, awards**

- 2015-17 Selected as a “Leading Physician of the World” by the International Association of HealthCare Professionals
- 2013-18 National Researcher National System of Researchers of Mexico, (CONACYT-National Council of Science and Technology of Mexico), Level III, based in Canada (2013-18). This is an honorific position that the government of Mexico gave me through the CONACYT due to my overall scientific productivity
- 2011-12 Bronze medal. Third most productive clinical researcher, Department of Medicine, University of Saskatchewan
- 2011 Selected as an international rising star in the field of epilepsy by the journal epilepsy and behavior
- 2009-13 National Researcher National System of Researchers of Mexico, (CONACYT-National Council of Science and Technology of Mexico), Level II, based in Canada (2009-13). This is an honorific position that the government of Mexico gave me through the CONACYT due to my overall scientific productivity
- 2009-14 Mudjadik Thyssen Mining Professorship in Neurosciences

- 2008 Honorary member. College of clinical researchers in health sciences of Oaxaca. Oaxaca, Mexico
- 2008 Bruce S. Schoenberg International Award in Neuroepidemiology. This is a major award granted by the American Academy of neurology, recognizing my career as a neuroepidemiologist.
- 2006 Mary Ann Lee/CEDAR award for best fellow's paper 2006. Article: Tellez-Zenteno JF, Matijevic S, Wiebe S. Somatic Comorbidity of Epilepsy in the General Population in Canada. Granted by the Canadian League against Epilepsy
- 2003-2004 Biographical record in Who's Who in Science and Engineering, Second edition.
- 2003 Winner of the scholarship to perform the Epilepsy Fellow in Canada. Granted by the Mexican Foundation of Health. "Talent's Incubation Program"
- 2003 Winner of the scholarship to perform the Epilepsy Fellow in Canada. Granted by the Aventis-Pharma Foundation in Mexico. "Medical excellence Program"
- 2000/2003 "Antonio Caso" Silver Medal for Excellent performance during the master of sciences. Granted by the National University of Mexico, UNAM
- 1999-2003 CONACYT (National Council of Science and Technology of Mexico) scholarship to perform the master degree and doctorate in Medical Sciences. March-1999 to February-2003
- 2002 International Award for the best research in Neurophysiology granted by the Latin-American Society of Neurophysiology. Project: "Diagnostic tests in myasthenia gravis. Creation of a standard for diagnosis using a method of consensus"
- 2001 Honors; Examination for the Degree of Master in Sciences. Granted by the National University of Mexico, UNAM
- 2000 National Award for the best clinical research, granted by the "Boehringer-Promeco Foundation-Mexico". Project: "Prognostic Factors of Thymectomy in Patients with Myasthenia Gravis: A Cohort of 132 Patients"
- 1999 "Salvador Zubirán" Award for the best clinical research at the National Institute of Medical Sciences and Nutrition, "Salvador Zubirán". Project:

“Risk Factors Associated With Depression In Patients With Type 2 Diabetes Mellitus”

- 1998 Award as an outstanding performance in AFINES (Undergraduate Research Students Program). Faculty of Medicine, National University of Mexico, UNAM, March 2, 1998
- 1996 "Gustavo Baz" Award for the best research at the National University of Mexico, "UNAM". Project: "On the Protection by Ketorolac of Reperfusion-Induced Heart Damage"
- 1995 "Louis Pasteur" Award for the best research at the Faculty of Medicine, granted by the National University of Mexico, UNAM. Project: "Effect Of Peregzone On Arrhythmias And Markers Of Cell Injury During Reperfusion In The Anesthetized Rat"
- 1994-5 "National University of Mexico Foundation" Scholarship. Economic Support for students with high academic performance
- 1990/91/92 Diploma for obtaining second best score during the medical carrier, Granted by the Faculty of Medicine, National University of Mexico, UNAM

**Distinctions achieved by graduate students/residents/postdoctoral fellows/groups**

- 2017 Second best project in the neurology resident research day (University of Saskatchewan) for Dr. Pragma Roy. Project: Diagnostic Yield of Ambulatory EEG in Adult Patients with Single Unprovoked Seizures
- 2017 Canadian League Against Epilepsy award for Best article in the category of fellow for Dr. Syed Rizvi (Mary Ann Lee Award). Article: Rizvi S, Hernandez-Ronquillo L, Moien-Afshari F, Hunter G, Waterhouse K, Dash D, Téllez-Zenteno JF. Evaluating the single seizure clinic model: Findings from a Canadian Center. J Neurol Sci 2016;367;203–210
- 2016 Third best project in the neurology resident research day (University of Saskatchewan) for Dr. Alexandra Voll (Dr. Ali Rajput award). Project: National survey of physician practices in the management of non-epileptic events
- 2016 Mary Ann Lee award for best resident paper 2016 for Dr. Alexandra Voll by the Canadian league Against Epilepsy. Article: Voll A, Hernández-Ronquillo L, Buckley S, Téllez-Zenteno JF. Predicting drug resistance in adult patients with generalized epilepsy: A case-control study. Epilepsy Behav 2015;9;53:126-130

- 2015 “Sante award” from Saskatchewan Health research Foundation for the Top Research team for the Collaborative Innovation Development Grant. Grant title “Cannabidiol in Children with Refractory Epileptic Encephalopathy: Phase 1 Open Label Dose Escalation Study”
- 2015 Second best project in the neurology resident research day (University of Saskatchewan) for Dr. Syed Rizvi (Dr. Ali Rajput award). Project: The Single Seizure Clinic Model: Does It Work? Effects on Wait-times and Patient Outcomes
- 2014 Best poster at the Saskatchewan Epidemiology Association 14th Annual Fall Symposium for Dr. Lizbeth Hernandez (Master student-Community health and epidemiology). Project: Are all the patients with temporal lobe epilepsy candidates for Epilepsy Surgery
- 2014 Canadian League Against Epilepsy award for Best article in the category of resident for Dr. Syed Rizvi (Mary Ann Lee Award). Article: Rizvi SA, Hernandez-Ronquillo L, Wu A, Téllez Zenteno JF. Is rapid withdrawal of anti-epileptic drug therapy during video EEG monitoring safe and efficacious? *Epilepsy Res.* 2014 May;108(4):755-64.
- 2014 Best project in the neurology resident research day (University of Saskatchewan) for Dr. Syed Rizvi (Dr. Ali Rajput award). Project: Is rapid withdrawal of anti-epileptic drug therapy during video EEG monitoring safe and efficacious?
- 2013 Second best project by the Colombian Association of Neurology for Dr. Lady Diana Ladino Malagón (Research Epilepsy Fellow). XI Colombian Congress of Neurology, August 18, 2013, Cartagena, Colombia. Project: Yield of 3T vs. 1.5 T brain MRI in the assessment of patients with drug resistant epilepsy
- 2013 Best project in the neurology resident research day (University of Saskatchewan) for Dr. Alex Jahangirvand (Dr. Ali Rajput award). Project: Outcomes in a single seizure clinic: a prospective Canadian study.
- 2012 Saskatchewan healthcare excellence award in the category of supportive quality processes for the “Saskatchewan Epilepsy program”. I am the leader of the program
- 2011 Canadian league against epilepsy (CLAE) Research award. Allied health category for Dr. Lizbeth Hernandez Ronquillo (best article). Project: How to measure fatigue in epilepsy? The validation of three scales for clinical use



2010 CSCI/CIHR Resident Research Award for the College of medicine (best article) for Dr. Farzad Moien-Afshari. Project: Safety and yield of early cessation of AEDs in video-EEG telemetry and outcomes

**e. Hospital and University Academic appointments**

2009-13 National Researcher National Researcher Level II. National System of Researchers of Mexico, (CONACYT-National Council of Science and Technology of Mexico) Level two, based in Canada. This is an honorific position that the government of Mexico gave me through the CONACYT due to my overall scientific productivity

2009-13 Associate professor Division of Neurology. Department of Medicine. University of Saskatchewan

2009-13 Member Biomedical Research Ethics Board, University of Saskatchewan

2009-pres Associate member Department of Pediatrics, University of Saskatchewan of the paediatrics department

2007-09 Assistant professor Division of Neurology. Department of Medicine. University of Saskatchewan

2002-09 National Researcher National Researcher Level I. National System of Researchers of Mexico, (CONACYT-National Council of Science and Technology of Mexico), Level two, based in Canada (2002-9). This is an honorific position that the government of Mexico gave me through the CONACYT due to my overall scientific productivity

2003-06 Staff Neurologist Department of Neurology, National Institute of Medical Sciences and Nutrition “Salvador Zubirán”; Mexico City.

2005-06 Clinical fellow Comprehensive Epilepsy Program; Foothills Medical Center, University of Calgary. Calgary Alberta Canada.

2003-05 Clinical fellow Comprehensive Epilepsy Program; London Health Sciences Center, University of Western Ontario. London, Ontario, Canada.

2004-05 Professor Clinical Neurophysiology Program. National Institute

		of Medical Sciences-Nutrition and National University of Mexico UNAM
2002-03	Instructor	Methodology of Research, Faculty of Medicine, National University of Mexico, UNAM. August 5 to October 18
2002	Instructor	Neurophysiology; Nursing School; National Institute of Medical Sciences and Nutrition. November 2002
2002	Instructor	Neurophysiology and Neurological Syndromes; Nursing School; National Institute of Medical Sciences and Nutrition. November 2002
2002	Instructor	Neurological Emergencies. Nursing school, National University of Mexico, UNAM. July 11-25
2001	Instructor	Neurological Emergencies. Nursing school, National University of Mexico, UNAM. July 9-11
1995-96	Instructor	Department of Cellular Biology, Faculty of Medicine, National University of Mexico, UNAM
1995-96	Research Assistant	Biochemistry Department, National Institute of Cardiology "Ignacio Chávez"
1994-95	Research Assistant	Clinical Epidemiology Unit, Mexican Institute of Social Security, Mexico City
1990-01	Instructor	Department of Histology, Faculty of Medicine, National University of Mexico, UNAM

**f. Administrative-academic appointments**

**f1. Post-Graduate**

2009-13	Member (REB-1) of the Biomedical Research Ethics Board, University of Saskatchewan
2009-2013	Member in the College of Graduate Studies and Research, U of S
2007-present	Residency Training Program Research Coordinator
2007-present	Member, Residency Training Committee-Neurology, University of

Saskatchewan

- 2004-5 Coordinator. Mexican Genetic Group for the study of migraine. National Institute of Medical Sciences and Nutrition “Salvador Zubirán”. Mexico city
- 2002-3 Vice-coordinator. Master degree and Doctorate Program in Medical Sciences. National Institute of Medical Sciences-Nutrition and National University of Mexico UNAM
- 2001-3 Academic student coordinator in the Master degree and Doctorate Program in medical Sciences at the National University of Mexico UNAM

**g. Educational and research activities (Supervision)**

**a. Undergraduate teaching and supervision**

- 2008-present Systems teaching. Epilepsy. Medical Students, U of S, Annual teaching
- 2007-present Clinical Methods: Neurology, Medical Students, U of S, Annual teaching
- 1990-91 Histology. Faculty of Medicine, National University of Mexico, UNAM
- 1995-1996 Cellular Biology. Faculty of Medicine, National University of Mexico, UNAM

**b. Graduate and postgraduate research supervision**

**b1 Undergraduate Research Supervision (undergraduate and pre-undergraduate)**

- 2016(summer) Stephanie Ballendine. (Medical student, University of Saskatchewan)  
Project: Epilepsy in an elderly population: classification, etiology and drug-resistance. The results of this project were presented in the 2016 meeting of the Canadian League Against Epilepsy and the publication is in process
- 2016 (summer) Scott J. Adams. (Medical student, University of Saskatchewan)  
Project: Epilepsy in an elderly population: classification, etiology and drug-resistance. The results of this project were presented in the 2016 meeting of the Canadian League Against Epilepsy and the publication is in process

2016(summer) Bianca Funes. (University student-Bachelor of sciences-U of S). Project: Waiting times for epilepsy assessment in an epilepsy center. The project is in process.

2015 (summer) Jaylin Arcand. (Medical student, University of Saskatchewan)  
Project: What is the weight of medications changes along treatment with vagal nerve stimulation?. The results of this project were presented in the 2015 Canadian Congress of neurological Sciences and the publication is in process

2012(summer)Samantha Buckley (University student-Bachelor of sciences-U of S).  
Project: Risk factors associated with mild course of temporal lobe epilepsy. A case control study. The results were presented in the American Epilepsy society meeting 2014. Abstract number 1.228.The article is in the process of publication.

2011(summer)Richard Zhu (High School student). Partnership between Saskatoon public schools and the College of Medicine, University of Saskatchewan. Project: Discontinuation of antiepileptic drugs after successful epilepsy surgery. A meta-analysis. This project was published in an international journal (Epilepsy Res. 2014 May;108(4):765-74

2011(summer)Samantha Buckley (University student-Bachelor of sciences-U of S).  
Project: Risk factors associated with intractable generalized epilepsy. A case control study. The results were presented in the meeting of the European meeting of epilepsy (Epilepsia 2014;55(Suppl. 2):34). The article is in the process of publication

2010(summer)Samantha Buckley (University student-Bachelor of sciences-U of S).  
Project: The validation of the definition of drug resistant epilepsy. The results of this project were published in the journal Epilepsia (Epilepsia 2014 Jun;55(6):829-34)

2009(summer) Daverishi Pahwa (Medical student, University of Saskatchewan)  
Project; A comprehensive analysis of body mass index in patients with migraine. The results of this project were presented in the 2010 Canadian Congress of neurological Sciences and published in the journal European Neurology (Eur Neurol 2010;64(3):134-9)

## **b2 International students (pre and postgraduate)**

2016(summer) Juliana Vargas. (Epilepsy fellow from the National Institute of neurology and Neurosurgery in Mexico City). Project: Barriers if access for epilepsy surgery-a review. The project is in process.

- 2016(summer) Lyda Viviana. (Epilepsy fellow from the National Institute of neurology and Neurosurgery in Mexico City). Project: Barriers if access for epilepsy surgery-a review. The project is in process.
- 2016(summer) Maria Alejandra Daza. Resident of neurology at the National University of Colombia. Project: How many patients are appropriate for an epilepsy surgery referral in neurological practices? Application of a rating tool to determine appropriateness for an epilepsy surgery evaluation in a large health region.
- 2015(summer) Julio Moreno. (Epilepsy fellow from the National Institute of neurology and Neurosurgery in Mexico City). Project: Waiting times for epilepsy surgery in an epilepsy program. A comparison between Mexico and Canada. The project is in process.
- 2015(summer) Nancy Castro. (Epilepsy fellow from the National Institute of neurology and Neurosurgery in Mexico City). Project: Waiting times for epilepsy surgery in an epilepsy program. Single unprovoked seizure, a review of literature. The project is in process.
- 2009(summer) Yahvé López Méndez (Resident of Internal medicine from the Hospital “Medica Sur”, Mexico City. Project: Clinical symptoms of extratemporal epilepsy. This student wrote a review article in extratemporal epilepsy during his stay for the journal Revista de Neurologia from Spain (Extratemporal epilepsy. Rev Neurol 2010;51(2):85-94)

### **b3. Graduate and Postgraduate Research Supervision**

- 2016-17 Pragma Roy. (Four year resident of neurology). Risk factors for focal epilepsy. The project was presented in the meeting of the American Epilepsy Society in 2016
- 2015-16 Syed Rizvi (Four year resident of neurology). Findings from a Canadian Single Seizure Clinic. Journal of the Neurological Sciences. The project was presented in the meeting of the American Epilepsy Society in 2015 and published in a high impact journal (Journal of the Neurological Sciences)
- 2014-15 Alexandra Voll. (Four year resident of neurology). Predicting drug resistance in adult patients with generalized epilepsy: A case-control study. The project was presented in the meeting of the American Epilepsy Society in 2015 and published in a high impact journal (Epilepsy Behav 2015;9;53:126-130)
- 2013-14 Syed Rizvi (Four year resident of neurology). Is rapid withdrawal of anti-

epileptic drug therapy during video EEG monitoring safe and efficacious? Resident Research Day. Department of Medicine, U of S. The project was presented in the meeting of the American Epilepsy Society in 2013 and published in a high impact journal (Epilepsy Res. 2014 May;108(4):755-64)

- 2012-13 Lady Ladino Malagon (Epilepsy fellowship). “Dr. Ladino work in a meta-analysis of management of anti-epileptic drugs after successful epilepsy surgery and also in a project of art en epilepsy surgery”. Both projects were published in high impact epilepsy journals. (Epilepsy Res. 2014 May;108(4):765-74 and Epilepsy Behav 2013;8;29(1):82-89)
- 2010 Julius Anang (Second year resident of neurology). “Waiting time for first medical assessment after a single unprovoked seizure, does it matter? Presented in the Resident Research Day. Department of Medicine, U of S. June 9 & 10, 2010. Results were presented in the 2010 American Epilepsy meeting and published in an international journal (Neurol. Bull. 4: 2012).
- 2009 Farzad Moien (Four year resident of neurology). “Assessment of the safety, yield of early discontinuation of antiepileptic drugs and sleep deprivation in video-EEG telemetry Unit. Presented in the Resident Research Day. Department of Medicine. May 7, 14, 15 & 16, 2008. Results were presented in the American Epilepsy meeting 2008 and published in the Canadian Journal of neurological Sciences (Can J Neurol Sci 2009;36:587-592)
- 2009 Shayla Kennedy (Second year resident of neurology). A quality assurance study of vagus nerve stimulation at RUH. Present at the 2010 meeting of the Canadian Neurological Sciences Federation (Can J Neurol Sci 2010;37(3);S74) and in the 2010 Neurological Sciences Resident Research Day at the U of S.
- 2003 Arturo Velásquez Paz. Research stay-1 year. Department of Neurology. National Institute of Medical Sciences and Nutrition. Project; “Demographic, clinical and comorbidity data in a large sample of 1147 patients with migraine in Mexico City. National Institute of Medical Sciences and Nutrition; Salvador Zubirán”. The project was published in an international journal (DJ Headache Pain. 2005 Jun;6(3):128-34)
- 2003 Natalie Weder. Research Social Service-1 year. Department of Neurology. National Institute of Medical Sciences and Nutrition. Project; “Prevalence and factors associated with headache in Patients with Systemic Lupus Erythematosus”. The project was published in an international journal: (Cephalalgia 2004 Dec;24(12):1031-44).

2002 Gabriela Nieva. Research Social Service-1 year. Department of Neurology. National Institute of Medical Sciences and Nutrition. Project; “Secondary Raynaud’s syndrome: skin blood flow decrease between the ischemic episodes and prolongation of the vasoconstriction during several respiratory maneuvers”. The project was published in a peer reviewed journal: Arch Cardiol Mex 2004;74:181-91

2001 Shaula Mundo. Research Social Service-1 year. Department of Neurology. National Institute of Medical Sciences and Nutrition. Project; “Response of skin blood flow to several respiratory maneuvers in healthy subjects”. The project was published in a peer reviewed journal (Arch Cardiol Mex 2002;72:115-24)

#### **B4 Thesis advisor, Clinical postgraduate students.**

2002. Risk Factors In Preterm Infants Associated With The Development Of Chronic Lung Disease. Thesis to obtain the specialty in Neonatology. Dr. Lizbeth Hernández Ronquillo. The project was published in an international journal: (Arch Med Res 2004;35:549-53)

2001. Associated conditions in myasthenia gravis: response to thymectomy. Thesis to obtain the specialty in Internal Medicine, Dr Guillermo Cardenas. The project was published in an international journal (Eur J Neurol 2004;11(11):767-773)

2000 Guillain-Barré Syndrome. Experience in a Tertiary Center. Thesis to obtain the specialty in Internal Medicine. Dr José Alberto Avila Funes. The project was published in a peer reviewed journal (Rev Invest Clin 2001;53:311-14)

2001 Prognostic Factors of Thymectomy in Patients with Myasthenia Gravis. A cohort of 198 patients. Thesis to obtain the specialty in Internal Medicine. Dr. José Maria Remes Troche. The project was published in a peer reviewed journal (Arch Med Res 2002;33:545-51)

2001. Predictive Risk Factors for the Biochemical Relapse of Localized Prostate Cancer After Surgical Treatment. Thesis to obtain the specialty in Urology. Dr. Joel Quintero

2000. Epidemiology and Clinical Characteristics of Epilepsy in the National Institute of Medical Sciences and Nutrition “Salvador Zubirán”. Thesis to obtain the specialty in Internal Medicine, Dr Misraim Rojas

#### **B5. Residents of neurology-Clinical supervision**

1) Alexandra Voll - 2017

- 2) Les Ferguson - 2017
- 3) Bret Graham - 2016
- 4) Syed Rizvy - 2016
- 5) Charles Gervais – 2015
- 6) Ilia Poliakov – 2015
- 7) Alex Jahangirvand – 2015
- 8) Neil Pandya – 2014
- 9) Shayla Kennedy – 2012
- 10) Farzad Moien – 2011
- 11) Julius Anang – 2010
- 12) Paul Masiowski – 2010
- 13) Gary Hunter – 2009
- 14) Zoltan Kaliszky – 2009
- 15) Edward Atkins – 2008
- 16) Wendi Fitzpatrick -2008
- 17) Michelle Shapiro – 2007
- 18) Ziaur Rehman – 2007

**c. Post-Graduate teaching and supervision**

- |         |   |
|---------|---|
| 2004-5  | Neurophysiology residency. Neurophysiology Program at the National Institute of Medical Sciences-Nutrition and National University of Mexico UNAM |
| 2001-03 | Methodology of Research. Faculty of Medicine, National University of Mexico, UNAM   |
| 2002    | Neurophysiology and Neurological Syndromes. Nursing School at the National Institute of Medical Sciences and Nutrition                            |
| 2001    | Neurological Emergencies; National University of Mexico. Nursing school, National University of Mexico, UNAM                                      |

**d. Continuing Medical Education**

- |              |   |
|--------------|---|
| 2008-present | Systems teaching. Epilepsy. Medical Students, U of S, Annual teaching   |
| 2007-present | Journal Club. Monthly academic activity to discuss methodology of articles as a part of the educational activities of the Neurology residency program of the U of S |
| 2007-present | Clinical Methods: Neurology, Medical Students, U of S, Annual teaching  |
| 2004-5       | Clinical Neurophysiology Program. National Institute of Medical Sciences-Nutrition and National University of Mexico UNAM   |



- 2002-03      Methodology of Research, Faculty of Medicine, National University of Mexico, UNAM. August 5 to October 18
- 2002          Neurophysiology; Nursing School; National Institute of Medical Sciences and Nutrition. November 2002
- 2002          Neurophysiology and Neurological Syndromes; Nursing School; National Institute of Medical Sciences and Nutrition. November 2002
- 2001-2        Neurological Emergencies. Nursing school, National University of Mexico, UNAM. July 11-25
- 2001          Neurological Emergencies. Nursing school, National University of Mexico, UNAM. July 9-11
- 1995-96      Cellular biology. Department of Cellular Biology, Faculty of Medicine, National University of Mexico, UNAM
- 1990-01      Histology. Department of Histology, Faculty of Medicine, National University of Mexico

**h.      Invited Addresses-125**

2017

1.      Evaluating the single seizure clinic model: Findings from a Canadian Center. Neurology Grand Rounds. Winnipeg, Manitoba, Feb 3, 2017.
2.      A case of bitemporal epilepsy, what to do?. 20th Annual Western Epilepsy Workshop. Banff Alberta, Feb 18, 2017.
3.      Achievements of the Saskatchewan Epilepsy program. 10th anniversary of the SEP-Purple day-2017. Western Development Museum. Saskatoon SK, Canada. March 26, 2017.
4.      Indications of EEG in the emergency setting and the use of IV medications for the treatment of epilepsy. Neurology grand rounds. Regina, Saskatchewan, May 19, 2017.
5.      Epilepsy of epilepsy and its global impact. A formative experience for neurologists of Spain in the area of epilepsy. Madrid, Spain, May 27, 2017
6.      EEG-video session. A formative experience for neurologists of Spain in the area of epilepsy. Madrid, Spain, May 27, 2017

12. The burden of epilepsy around the world-Magisterial conference. Mexican Society of Neurology and Psychiatry. Mexico City, June 8, 2017.
13. Drug resistant epilepsy. Mexican Society of Neurology and Psychiatry. Mexico City, June 8, 2017.
14. Epilepsy brain bank concept. First Mexican meeting of epilepsy and Neurosciences. Mexico City, June 10, 2017.
15. Epilepsy advance care. 48th Annual Canadian Association of Neurosciences Nurses. Saskatoon SK, Canada, June 14, 2017
16. Epilepsy video session. Annual meeting of the Canadian Neurological Sciences Federation. Victoria, Canada. June 22, 2017.
17. Minimal Standards for Electroencephalography in Canada. Annual meeting of the Canadian Neurological Sciences Federation. Victoria, Canada. June 22, 2017.
18. Frontal epilepsy. Annual meeting of the Canadian Association of Electroneurophysiology Technologist, Inc. Victoria, Canada, June 22, 2017
19. Epilepsy program guidelines. Colombian congress of neurological controversies. Medellin, Colombia. August 18, 2017.
20. What is new in epidemiology of epilepsy?. Colombian congress of neurological controversies. Medellin, Colombia. August 18, 2017.
21. Discontinuation of medications in patients with epilepsy-No. Colombian congress of neurological controversies. Medellin, Colombia. August 18, 2017.

2016

1. Temporal lobe epilepsy in a dance teacher. 19th Western Epilepsy Workshop. Banff, Alberta. February 13, 2016
2. The presurgical evaluation. Symposium “Current treatment in epilepsy”. National Institute of Neurology and Neurosurgery. Mexico City. Feb 19, 2016.
3. “Psychiatric comorbidity and the third generation of anti-epileptic drugs. Neurology grand rounds at the Regina general Hospital. Regina, Saskatchewan. May 13, 2016
4. “The management of a single unprovoked seizure”. Neurology grand rounds at the Regina general Hospital. Regina, Saskatchewan. June 10, 2016.

5. “Comorbidity of epilepsy”. Hot topics in neurophysiology. Annual meeting of the Canadian Neurological Sciences Federation. Quebec City. June 21, 2016.
6. Principles of Intraoperative Neuro-physiology Monitoring”. Functional mapping in cranial surgery. Annual meeting of the Canadian Neurological Sciences Federation. Quebec City. June 21, 2016.
7. Case for Medical Marijuana in Epilepsy. Scientific meeting of the Canadian league Against Epilepsy. Quebec City, October 15, 2016.
8. Epidemiological Aspects of Patients with Non-Epileptic Events. Scientific meeting of the Canadian league Against Epilepsy. Quebec City, October 15, 2016.
9. Epidemiology of psychiatric disorders in epilepsy: what do we know?. Psychiatric issues of surgery for refractory epilepsy. A multidisciplinary approach-ILAE meeting. São Paulo, Brazil, October 22, 2016
10. Models of psychiatric care in epilepsy centers from different countries: strengths and barriers-Canada. A multidisciplinary approach. ILAE-meeting. São Paulo, Brazil, October 22, 2016
11. Psychiatric comorbidity in epilepsy. National Epilepsy Review Course for residents. Montreal Quebec, Nov 4, 2016.
12. Evaluating the single seizure clinic model: Findings from a Canadian Center. Neurology Grand Rounds, Notre Dame Hospital. Montreal Quebec, Nov 6, 2016.

## 2015

1. First case of deep brain stimulation for epilepsy in Saskatchewan. Ambassador meeting-Medtronic. January 16, 2015, Lisbon, Portugal.
2. Art and epilepsy. Saskatchewan Epilepsy program educational activity. Faculty club, University of Saskatchewan, Saskatoon, SK. May 14, 2015
3. Epidemiology of Sudden death related with epilepsy. Symposium “Sudden death related with epilepsy”. Canadian Neurological Sciences Federation 50th Congress. Toronto, On. June 9, 2015
5. Epileptiform activity (focal and Generalized). EEG course Canadian Neurological Sciences Federation 50th Congress. June 12, 2015, Toronto, Ontario, Canada.
6. Complex cases of depth electrodes. Neurology grand rounds at the National Institute of Medical Sciences and Nutrition, “Salvador Zubirán”. Mexico City, July 27, 2015

7. Discontinuation of AEDS after successful epilepsy surgery. Epilepsy grand rounds at the National Institute of Neurology and Neurosurgery. Mexico City, July 28, 2015
8. Current treatment of epilepsy. International medical meeting of the Juarez Hospital". Mexico City, July 28, 2015
9. Psychiatric comorbidity in epilepsy. Canadian Epilepsy Research Initiative Annual Meeting. Toronto, Ontario, Oct 4, 2015
10. Hot Topics in epilepsy. Canadian Epilepsy Research Initiative Annual Meeting. Toronto, Ontario, Oct 4, 2015
11. Risk factors for drug resistant epilepsy. International congress of advances in neurology and neurosciences. Pereira. Colombia, October 8, 2015
12. New generation of anti-epileptic drugs. International congress of advances in neurology and neurosciences. Pereira. Colombia, October 9, 2015
13. Mortality in epilepsy, the Latin-American perspective. International congress of advances in neurology and neurosciences. Pereira. Colombia, October 10, 2015
14. New generation of anti-epileptic drugs. Neurology grand rounds at the Regina general Hospital. Regina, Saskatchewan. October 16, 2015
15. New anti-epileptic drugs. Bliss Restaurant. For the Neurosciences group in Saskatchewan. Saskatoon, SK, Nov 28, 2015.

2014

1. Discontinuation of AEDs after successful epilepsy surgery. Seventeenth Annual Western Epilepsy Workshop. Banff Alberta, Feb 14, 2014.
2. Who is the author in articles for medical journals? First International Symposium. Authorship in research scientific articles. Faculty of Medicine, Tecnológico de Monterrey. Monterrey, México. March 28, 2014
3. Topic "Is rapid withdrawal of anti-epileptic drug therapy during video EEG monitoring safe and efficacious?". EEG and epilepsy rounds. Vancouver general Hospital. Vancouver, BC. May 5, 2014
4. Hot off the press – Post Pourri of the Latest Developments in Epilepsy. Symposium "Hot Topics in Epilepsy". Annual meeting of the Canadian Neurological Sciences Federation. Banff Alberta. June 3, 2014.

5. Latest advances in epilepsy. Bliss Restaurant. For the Neurosciences group in Saskatchewan. Saskatoon, SK, Sept. 11, 2014.
6. Advances in epilepsy. Saskatchewan Neurology Retreat. Waskesiu, SK, June 20 & 21, 2014
7. Influence of psychiatric comorbidity in the outcome of newly diagnosed epilepsy?. 3rd Halifax International Epilepsy Conference. White Point beach Lodge, Queen County, Nova Scotia. September 18-19, 2014
8. Barriers to employment in epilepsy. 2014 Biennial Canadian League Against Epilepsy meeting. September 18, 2014, London, ON, Canada.
9. Experience from the prairies. 2014 Biennial Canadian League Against Epilepsy meeting. September 19, 2014, London, ON, Canada.
10. A validation of the new definition of drug resistant epilepsy. 4th Annual Saudi Epilepsy Society Conference. November 26, 2014, Riyadh, Saudi Arabia
11. Management of antiepileptic drugs after epilepsy surgery. 4th Annual Saudi Epilepsy Society Conference. November 26, 2014, Riyadh, Saudi Arabia
12. Focal spikes. Canadian EEG course. 4th Annual Saudi Epilepsy Society Conference. November 27, 2014, Riyadh, Saudi Arabia
13. Generalized epileptiform activity. Canadian EEG course. 4th Annual Saudi Epilepsy Society Conference. November 27, 2014, Riyadh, Saudi Arabia

2013

1. A case of post-traumatic epilepsy and no lesion in MRI. Sixteenth Annual Western Epilepsy Workshop, Banff, Alberta, Feb 13, 2013
2. Diagnosis of Epilepsy. Saskatchewan Epilepsy Symposium. Saskatoon, Saskatchewan, March 23, 2013
3. Early Referral for Epilepsy Surgery. Saskatchewan Epilepsy Symposium. Saskatoon, Saskatchewan, March 23, 2013
4. Discontinuation of anti-epileptic drugs after successful epilepsy surgery. A review of the evidence. Neurosciences grand rounds. University of Manitoba, Winnipeg, Manitoba, April 25, 2013.
5. Future directions of the epidemiology in epilepsy. Meeting of the Andaluza Society of Epilepsy. Marbella, Spain, June 7, 2013.

6. Epilepsy surgery symposium. Meeting of the Andaluza Society of Epilepsy. Marbella, Spain, June 7, 2013.
7. Management of seizures on MS. Educational activity for the neurology group in Saskatoon. Saskatoon, Saskatchewan, July 9, 2013
8. Future directions of the epidemiology in epilepsy. Meeting of the Colombian league Against Epilepsy. Medellin, Colombia, Nov 8, 2013
9. Medical and surgical treatment of temporal epilepsy. Meeting of the Colombian league Against Epilepsy. Medellin, Colombia, Nov 8, 2013
10. The definition of intractable epilepsy. Meeting of the Colombian league Against Epilepsy. Medellin, Colombia, Nov 8, 2013

2012

1. Temporal lobe epilepsy in an Olympic skater. Fifteenth Annual Western Epilepsy Workshop. Banff, Alberta, February 18, 2012
2. Outcomes after epilepsy surgery. 35th anniversary of the Epilepsy Program of the University of Western Ontario. London, Ontario March 24, 2012
3. Clinical and electrographic criteria for epilepsy surgery. XXII International congress of the Mexican Society of Clinical Neurophysiology. San Francisco de Campeche, Campeche, Mexico, May 30, 2012
4. Indications of video-EEG. XXII International congress of the Mexican Society of Clinical Neurophysiology. San Francisco de Campeche, Campeche, Mexico, May 30, 2012
5. Use of intracranial recording for patients with intractable epilepsy. XXII International congress of the Mexican Society of Clinical Neurophysiology. San Francisco de Campeche, Campeche, Mexico, May 30, 2012
6. Ambulatory electroencephalography in adults: a cost effective solution for increasing necessities of video-EEG in adult patients. Grand rounds. Neurosciences grand rounds. University of Western Ontario. London, Ontario September 18, 2012
7. Diagnosis and Treatment of Epilepsy: everything you would need to know as a non doctor. Open Minds Across Canada. Mental Health Symposia. Saskatoon, SK, October 7, 2012

8. Management of Antiepileptic Drugs After Successful Epilepsy. The 2012 Biennial Canadian Epilepsy meeting (joint meeting of the CLAE/CEA). Calgary, AB, October 21, 2012
9. Discontinuation of Antiepileptic Drugs Following Successful Epilepsy Surgery: A survey of Canadian epileptologists. The 2012 Biennial Canadian Epilepsy meeting (joint meeting of the CLAE/CEA). Calgary, AB, October 21, 2012
10. Ambulatory electroencephalography in adults: a cost effective solution for increasing necessities of video-EEG in adult patients. Epilepsy rounds. University of Toronto, Toronto, Ontario, October 24, 2012
11. Single unprovoked seizures. An evidence based medicine approach. Neurology group in Cambridge, Ontario, October 24, 2012
12. Extratemporal Epilepsies in the Adult and the Elderly. Annual Meeting of the American Epilepsy Society, San Diego California, Nov 30, 2012

2011

1. A case of parietal lobe epilepsy. Eleventh Annual Western Epilepsy Workshop. Banff, Alberta, February 19, 2011
2. A journey through epilepsy, A medical perspective. Epilepsy Saskatoon, Sasktel theater, RUH. Saskatoon SK, March 26, 2011
3. Single unprovoked seizure. Evidence based medicine. Ontario medical Association. Toronto, Ontario, Canada. April 29, 2011
4. Single unprovoked seizure. Diagnosis and management using evidence based medicine. Department of Medicine. Regina General Hospital. Regina, Saskatchewan, May 13, 2011
5. Complex case of epilepsy and management with lacosamide. Department of Medicine. Division of neurology. Regina General Hospital. Regina, Saskatchewan, May 14, 2011
6. Who is the Best Candidate for Epilepsy Surgery?. BIT's 2nd Annual World Congress of NeuroTalk - 2011 Dalian, China, May 25, 2011
7. Symposium coordinator. Epilepsy surgery. BIT's 2nd Annual World Congress of NeuroTalk - 2011 Dalian, China. May 25, 2011
8. Lacosamide, a viable option in case of hyponatremia. International Lacosamide Expert Workshop. Jodoigne, Belgium, June 11 2011

9. A complex case of primary generalized epilepsy. London Epilepsy Program Dinner. London Ontario, September 29, 2011.
10. Discontinuation of Antiepileptic Drugs Following Successful Epilepsy Surgery: A survey of Canadian epileptologists. Epilepsy rounds. University of Western Ontario. London, Ontario September 30, 2011
11. An update in the diagnosis and treatment of migraine. Lakeside Medical Clinic. Saskatoon Saskatchewan. October 18, 2011

## 2010

1. Complex epilepsy cases. Grand Rounds of the Division of Neurology, Department of Neurology of the National Institute of Medical Sciences and Nutrition. Mexico City, January 23, 2010
2. Medical risk in epilepsy. Clinic forum of the National Institute of Medical Sciences and Nutrition. Mexico City, January 26, 2010
3. The coexistence of generalized and focal epilepsy. A surgical case. Thirteenth annual Western Epilepsy Workshop. Banff, Alberta, Feb 10, 2010
4. Predictive factors for epilepsy surgery. Meeting of the Andaluza Society of Epilepsy. Granada, Spain, April 17, 2010
5. Single unprovoked seizure. Prince Albert & District Medical Society. Educational meeting. Prince Albert Saskatchewan, May, 12, 2010
6. Reducing the risk of SUDEP. Interventions based on identified risk factors. Neuro-talk 2010. Singapore. June 27, 2010
7. Epilepsy video session. 45<sup>th</sup> Annual Congress of the Canadian Neurological Sciences Federation. Quebec, City, June 8, 2010
8. Social outcomes of epilepsy surgery. Canadian League, Against Epilepsy Meeting, 2010. Kingston, Ontario, October 1, 2010
9. Pregnancy and epilepsy. XXXIV meeting of the Mexican Academy of Neurology. Leon, Guanajuato, Mexico, October 13, 2010
10. Bihemispheric epilepsy, case presentation. Master-class. Tailoring treatment for the individual patient with epilepsy. Barcelona, Spain, October 16, 2010
11. Reducing the risk of sudden unexpected death in epilepsy. Open Minds Across Canada. Mental Health Symposia. Saskatoon, SK, October 28, 2010



2009

1. Update in epilepsy. Medley of today's acute care. Nurse development Clinical Nurse Educators, Emergency, coronary care and intensive care units. Saskatoon SK, January 23, 2009
2. A patients with two procedures and ongoing seizures. Eleventh Annual Western Epilepsy Workshop. Banff, Alberta, February 13, 2009
3. Status of new Epilepsy treatments ain Saskatchewan. Epilepsy Saskatoon and the Society for Comprehensive Epilepsy care, Albert Community Center. Saskatoon, SK, March 21, 2009
4. Safety and yield of early cessation of AEDs in video-EEG telemetry and outcomes Grand Rounds of the Division of Neurology, Department of Clinical Neurosciences, University of Calgary. June 5, 2009
5. Migraine diagnosis and treatment. Family physicians in Saskatoon SK, Acadia Medical Clinic, July 29, 2009
6. Surgical results of non-lesional epilepsy: a multicenter study. The 2009 Biennial Canadian Epilepsy meeting (joint meeting of the CLAE/CEA). Saskatoon, SK. October 4, 2009
7. Symposium coordinator. Investigating epilepsy. The 2009 Biennial Canadian Epilepsy meeting (joint meeting of the CLAE/CEA). Saskatoon, SK, October 3, 2009

2008

1. Migraine Mastery: Head of the Class. Monthly Session of Saskatoon chapter of CAPIH. Saskatoon SK, January 30, 2008
2. Epilepsy surgery in the elderly. Eleventh Annual Western Epilepsy Workshop. Banff, Alberta, February 16, 2008
3. Migraine Mastery: Head of the Class. Monthly Session of the Battleford Physicians. Saskatoon SK, March 5, 2008
4. Who is a candidate for epilepsy surgery ?. Epilepsy Saskatoon, March 29, 2008. Nurses residency, St. Paul Hospital. Saskatoon, SK.
5. Bruce Shoenberg Conference. "Demographic, clinical and comorbidity data in 1147 patients with migraine in Mexico City". American Academy of Neurology, Chicago, April 15, 2008

6. Epilepsy workshop. "Epilepsy cases workshop". San Luís Potosí, México, International Meeting of Neurology, University of San Luis Potosí. June 3, 2008
7. Epilepsy surgery. San Luís Potosí, México., International Meeting of Neurology, University of San Luis Potosí. June 7, 2008
8. Epidemiology of Epilepsy in Saskatchewan - The Necessity of an Epilepsy Program. Neural Systems and Plasticity Research Group, Annual Retreat. Willows Golf Club, Saskatoon SK, June 2, 2008
9. Epilepsy videos. RN&LPN Education day. May 30, 2008. RUH, Saskatoon, SK.
10. Migraine Mastery: Head of the Class. Family physicians in Saskatoon SK, April 30, 2008
11. Single unprovoked seizure. First International meeting of clinical research of the high specialty Hospital in Oaxaca. Oaxaca, Oaxaca, Mexico, October 24, 2008
12. The profile of a clinical researcher. First International meeting of clinical research of the high specialty Hospital in Oaxaca. Oaxaca, Oaxaca, Mexico, October 24, 2008
13. The placebo effect. First International meeting of clinical research of the high specialty Hospital in Oaxaca. Oaxaca, Oaxaca, Mexico, October 24, 2008

2007

1. Age related somatic comorbidity in people with epilepsy in the general population. Annual Meeting of the American Academy of Neurology. May 3, 2007, Boston Massachusetts

2006

1. Health-state Preferences and Quality of Life in People with Epilepsy in the Community. Psychiatric comorbidity in epilepsy: population based analysis. Annual Meeting of the American Epilepsy Society. December 5, 2005, San Diego California
2. Injuries in Epilepsy. A population based study. Annual Meeting of the American Epilepsy Society. December 5, 2006. San Diego California, April 2, 2006

2005

1. Psychiatric comorbidity in epilepsy: population based analysis. Annual Meeting of the American Epilepsy Society. December 5, 2005. Washington D.C.

2003

1. Migraine and Tensional Headache. National Radio Program with Cristina Pacheco. Mexico City, March 25, 2003
2. Validation of Diagnostic Tests in Patients with Dementia. Second National Consensus in Dementia. Toluca, Mexico, April 26, 2003
3. Alzheimer Disease. National Radio Program with Luz Maria Meza, Mexico City, June 4, 2003
4. Migraine and Tensional Headache. National radio program with Janet Arceo Mexico City, Jan 28, 2003
5. Alzheimer Disease. National Radio Program with Michelin Kinery. Mexico city, February 19, 2003
6. Parkinson disease. Annual course of the National Academy of Medicine for general doctors. August 1, 2003
7. Guillain Barre. . Annual course of the National Academy of Medicine for general doctors. August 1, 2003

2001

1. Cervical Dystonia. National radio program (frequency 1470 AM), with Janet Arceo. Mexico City, Jan 11, 2001
2. Neurological Manifestations of Systemic Lupus Erythematosus. Hospital GEA Gonzalez. Mexico City, August 17, 2001
3. Meningitis. National Congress of Neurology. Mexico City, March 12, 2001
4. Chronic Meningitis. National Congress of Neurology, Mexico City, March 12, 2001

2000

1. Headache. National radio program (frequency 1470 AM), with Janet Arceo. August 1, 2000
2. Neurological Complications of Klippel-Feil Syndrome. Children's Psychiatry Hospital. Mexico City, May 8, 2000
3. Meningitis and Cysticercosis; Faculty of Medicine, Metropolitan University of Mexico. Mexico City, August 2, 2000

1999

1. Workshop Moderator: Scientific and Technologic advances and implications in Human development. Area; Public Health and Medicine. Fifth International Reunion of Researchers and Postgraduate students of Mexico. Mexico City, October 1, 1999

1998

1. Factors Associated With Therapy Noncompliance in Type-2 Diabetes Patients. Faculty of Medicine, National University of Mexico. Mexico City, March 2, 1998

1990

1. Hematosis, Spirometry, Bronchodilators; Faculty of Medicine, National University of Mexico. Mexico City, January 20, 1990

**i. Media Interviews/Broadcasts-40**

1. National radio program (frequency 1470 AM), with Janet Arceo. Mexico City "Headache. August 1, 2000
2. National radio program (frequency 1470 AM), with Janet Arceo. Mexico City. "Cervical Dystonia". Jan 11, 2001
3. National radio program with Janet Arceo. Mexico City. "Migraine and Tensional Headache". Jan 28, 2003
4. National Radio Program with Michelin Kinery. Mexico City. "Alzheimer Disease". February 19, 2003
5. National Radio Program with Cristina Pacheco. Mexico City. "Migraine and Tensional Headache. March 25, 2003
6. National Radio Program with Luz Maria Meza. Mexico City. "Alzheimer Disease". June 4, 2003
7. Interview with the magazine Vertigo (National distribution in Mexico) regarding migraine, August 3, 2003
8. Interview with national TV in Mexico (Televisa) regarding migraine, August 8, 2003
9. Star Phoenix (special article), "Donation of brain, cash aims to aid epilepsy fight", Aug 15, 2009. Interview with the Star Phoenix (special article), regarding a recent donation for the Saskatchewan Epilepsy Program
10. Interview with the Star Phoenix regarding the creation of an Epilepsy Program for the province of Saskatchewan, January 25, 2008
11. "One specialist, 5000 patients". This is a special article about my research in epilepsy. It was included in a special publication titled "Advancing health III". This is published periodically by the College of Medicine, University of Saskatchewan, 2009

12. Interview with the Star Phoenix regarding sudden unexpected death in epilepsy, Feb 20, 2010
13. CBC Radio and television. "Sudden death in epilepsy". Feb 23, 2010
14. Global TV Saskatoon. "Use of portable EEG for the diagnosis of epilepsy". October 28, 2010. This was a TV interview regarding the use of ambulatory EEG to investigate patients with epilepsy
15. "New Hope in the Treatment of Epilepsy", Royal University Hospital Foundation, September 2010. This is a special article highlighting my clinical research and clinical practice for patients with epilepsy in Saskatchewan
16. Global television, Saskatoon. "Epilepsy triggered by flashing lights". May 19, 2010. This was an interview regarding photosensitive epilepsy
17. "A Gift of Shares, Pays Dividends, donation for epilepsy". Royal University Hospital Foundation, December 2011. This is a special article related with a donation for the Saskatchewan Epilepsy Program
18. "Alfonso's story". This is a special story of one of my patients that I prepared for the Royal University Hospital Foundation. Jan 20, 2012. The story was used for the campaign "Picture this", which had the purpose to bring the first PET scan to Saskatchewan. Royal University Hospital Foundation
19. Star Phoenix (special article), "Neurologist makes case for second epilepsy-testing bed", March 26, 2013. Interview with the Star Phoenix regarding a fundraising campaign to get a second telemetry bed for the Saskatchewan Epilepsy program
20. Epilepsy purple day event, March 26, 2013. This event was covered by CTV news, Global news and the Star Phoenix. The event started a fundraising campaign for a second video-EEG telemetry bed for the Saskatchewan Epilepsy program
21. "Leading epilepsy Monitoring and Treatment in Canada". Royal University Hospital Foundation, September, 2013. This is a special article related with a donation of 100,000 dollars to buy a second video-EEG equipment for the Saskatchewan Epilepsy Program
22. Epilepsy purple day event, March 26, 2014. This event was covered by CTV news, Global news, the Star Phoenix and other media. The event celebrated the opening of the second video-EEG telemetry bed for the Saskatchewan Epilepsy program
23. Featured in the Mexican newspaper "Diario DF". February 28, 2014. The article highlights the painting on epilepsy surgery by Eduardo Urbano Merino that was commissioned by me as the image of the fundraising campaign to open a second video-EEG telemetry bed for the Saskatchewan Epilepsy Program
24. Star Phoenix (special article), "Big interest in epilepsy brain bank", March 5, 2015. Interview with the Star Phoenix regarding the first epilepsy brain bank in Canada
25. Royall college of Physicians and surgeons of Canada press (Special article). "Fellows spur the creation of Canada's first "Epilepsy Brain Bank" focused exclusively on adult epilepsy research. April 2015, Vol. 15, No. 4. Interview with the RCPSC regarding the first epilepsy brain bank in Canada
26. College of Medicine, University of Saskatchewan. (Special article). "Fellows spur the creation of Canada's first "Epilepsy Brain Bank" focused exclusively on adult

- epilepsy research. April 2015, Vol. 15, No. 4. Interview with the college of medicine-U of S regarding the first epilepsy brain bank in Canada
27. CTV news (special documentary by Chantel Huber regarding the first epilepsy brain bank in Canada). Brain bank vital in epilepsy research at U of S. March 26, 2015.
  29. Interview by Neurology advisor (American Academy of Neurology) regarding the Saskatoon single seizure clinic as an effective model to evaluate patients after the first single unprovoked seizure. April 21, 2015.
  30. Interview by International Innovation (UK research agency). Special article “The myriads facets of epilepsy”. May 2015.
  31. CTV news. Live interview about the “Seizure dogs”. March 22, 2016.
  32. Global news. Live interview about “Purple day for epilepsy”. March 25, 2016.
  33. CBC Edmonton. National advocate decries Edmonton epilepsy arrest. August 26, 2016
  34. Interview by RCI-Montreal radio station. Neurologist creates an epilepsy program for the province of Saskatchewan. Jan 10, 2017
  35. Noticias Televisa (Major news agency in Mexico). Neurologist treats epilepsy with surgery. Jan 11, 2017
  36. Radio Red-Radio program in Mexico City (frequency 1110 AM and 92.1 FM). Neurologist creates an epilepsy program in a Canadian province. Jan 15, 2017
  37. Mexican Newspaper “Excelsior”. Neurologist creates an epilepsy program in a Canadian province. Jan 11, 2017
  38. Mexican Newspaper “Diario de Yucatan”. Treatment for epilepsy. Jan 22, 2017
  39. Interview by E-Action magazine. “Advancing epilepsy research with Canada’s first Epilepsy brain bank”. January 2017.
  40. Bridges-Star Phoenix (special article). Feels like a miracle: Dr. Tellez-Zenteno's landmark work on seizures. February 10, 2017.

**j. External Reviewer for Scientific Peer Reviewed Grants:**

2016-Present	Canadians Institutes of Health Research (CIHR)
2016-Present	Scientific Council of the Foundation-France
2013-Present	Medical council-UK
2013-Present	Royal University Hospital Foundation, Saskatoon, Saskatchewan
2012-Present	American Epilepsy Society (Research Infrastructure Award)
2012-Present	The Israel Science Foundation (ISF)
2011-Present	Natural Sciences and Engineering Research Council of Canada (NSERC)

- 2011-Present Canadian league Against Epilepsy
- 2010-Present Swiss National Science Foundation, Sweden
- 2008-Present Epilepsy Foundation, USA
- 2007-Present Neurological Foundation of New Zealand, New Zealand
- 2007-Present National Council of Science and Technology of Mexico, CONACYT, Mexico City, Mexico
- 2007-Present The Physicians' services incorporate Foundation, Ontario, Canada

**k. External reviewer for projects**

- 2007 Canadian Epilepsy Surgery Study Group (CESSG), Canada.

**l. Local Committees (Saskatoon Health Region and U of S)**

- 2016-Present Research committee. Department of Medicine, University of Saskatchewan
- 2014-date Faculty council member, College of Medicine. University of Saskatchewan
- 2011-14 Medical advisor. Epilepsy Saskatoon
- 2011-13 Salary review committee. Department of Medicine, University of Saskatchewan
- 2009-11 Member of the Research & Grad Studies Committee
- 2009-11 Neuroscience Quality Committee. Saskatoon Health Region, Royal University Hospital, Saskatoon, SK
- 2009-11 Member (REB-1) of the Biomedical Research Ethics Board, University of Saskatchewan
- 2007-date Neurosciences Operations Committee. Saskatoon Health Region, Royal University Hospital, Saskatoon, SK
- 2007-date Residency Training Committee-Neurology. University of Saskatchewan

**m. International committees**

- 2013-17 ILAE Commission on Neuropsychiatry
- 2013-15 Epilepsy task force to assess the epilepsy care treatment in Latin-America as a part of the ILAE/IBE/WHO Global Campaign Against Epilepsy
- 2012-15 American Epilepsy Society- Research Infrastructure Award Review Committee
- 2012-2015 American Epilepsy Society - AES Membership Committee, USA
- 2010-13 Epilepsy task force to assess the epilepsy care treatment and diagnosis status in Tajikistan as a part of the ILAE/IBE/WHO Global Campaign Against Epilepsy
- 2011-13 Epidemiology committee member. Mexican Academy of Neurology
- 2009-210 American Epilepsy Society - Scientific Program Committee, USA

**n. National committees or working groups**

- 2016 Committee member for the “Herbert Jasper prize”. Canadian Neurological Sciences Federation
- 2015-17 Board member of the Canadian Board of Registration of Electroencephalograph Technologists
- 2015-17 President for the Canadian Society of Clinical Neurophysiology
- 2015-17 Chair. Fundraising committee. Canadian League Against Epilepsy
- 2014-16 Treasurer for the Canadian League Against Epilepsy
- 2013-17 Board of directors. Canadian Neurological Sciences Federation
- 2012-14 Member of the educational committee of the Canadian League Against Epilepsy
- 2013-15 Vice-president for the Canadian Society of Clinical Neurophysiology
- 2011-2013 Secretary Treasurer for the Canadian Society of Clinical Neurophysiology
- 2012 Examiner. National examination for the Canadian Board of registration of electroencephalogram technologists, April 28, 2012



- 2011 Examiner. National examination for the Canadian Board of registration of electroencephalogram technologists, April 16, 2011
- 2011-2013 Working group on health and economic modeling. National Population Health Study of neurological Conditions (NPHSNC).

**o. Symposia and Workshops:**

Organizer/Chair:

- 2017 Chair. Epilepsy video session. Annual meeting of the Canadian Neurological Sciences Federation.
- 2017 Chair. Digital poster session. Epilepsy. Annual meeting of the Canadian Neurological Sciences Federation.
- 2016 Symposium coordinator. Current concepts in diagnosis and management of non-epileptic events. Canadian league Against Epilepsy. Quebec City, October 15, 2016.
- 2016 Symposium coordinator. Psychiatric comorbidity in epilepsy. Canadian Neurological Sciences Federation 51th Congress. Quebec City. June 20, 2016
- 2016 Chair. Digital poster session. Epilepsy-EEG-MS. Annual meeting of the Canadian Neurological Sciences Federation.
- 2015 Symposium coordinator. Sudden death related with epilepsy. Canadian Neurological Sciences Federation 50th Congress. Toronto, On. June 9, 2015
- 2015 Chair. Digital poster session. Epilepsy-EEG-MS. Annual meeting of the Canadian Neurological Sciences Federation.
- 2014 Chair. Digital poster session. Neurophysiology-Epilepsy-EEG. Annual meeting of the Canadian Neurological Sciences Federation.
- 2012 Symposium coordinator. Management of Antiepileptic Drugs After Successful Epilepsy. The 2012 Biennial Canadian Epilepsy meeting (joint meeting of the CLAE/CEA). Calgary, AB, October 21, 2012
- 2009 Symposium coordinator. Investigating epilepsy. The 2009 Biennial Canadian Epilepsy meeting (joint meeting of the CLAE/CEA). Saskatoon, SK, October 3, 2009

1999 Workshop Moderator: Scientific and Technologic advances and implications in Human development. Area; Public Health and Medicine. Fifth International Reunion of Researchers and Postgraduate students of Mexico. Mexico City, October 1, 1999

**p. Consulting and advisory boards**

Guidelines

2015 International reviewer for the Andalusia'Guidelines of epilepsy, Spain

2009 International reviewer for the Andalusia'Guidelines of epilepsy, Spain

**III RESEARCH SUPPORT – Grants and other economical supports**

**Peer Reviewed Grants, Non-Peer Reviewed Grants and other economical supports**

Total: 1,726,075 Canadian dollars

1.-National fellowship competition by the CLAE for Dr. Syed Rizvi under my supervision, 2016 – 2017. Epilepsy Post-Graduate Training Fellowship Award (for Clinical Fellows). Project: “Yield of portable EEG in adult patients with single unprovoked seizure”. 65,000

2.-Co-Investigator (with Dr. Richard Huntsman). Cannabidiol in Children with Refractory Epileptic Encephalopathy: A Phase 1 Open Label Dose Escalation Study, (2015-17). Saskatchewan Health Research Foundation. \$28,600. (Peer Reviewed Grant)

3.-Principal Investigator. Diagnostic Yield of Ambulatory EEG in Adult Patients with Single Unprovoked Seizures, (2015-17). 25,000. Royal University Hospital Foundation (Peer Reviewed Grant)

4.-Principal Investigator. Team grant-Phase I, Project: Epilepsy Research Initiative in Saskatchewan, (2013-15). 30,000 dollars. Saskatchewan Health Research Foundation. (Peer Reviewed Grant)

5.-Principal Investigator. LIVE study (2013-present). Lawson Health Research Institute. 30,000 dollars. (2013-15). 30,000 dollars. Saskatchewan Health Research Foundation. (Peer Reviewed Grant)

6.-Seed funding to create the Saskatchewan Epilepsy Research Initiative, College of Medicine, University of Saskatchewan, (2013-2018). 250,000 dollars

7.-Co-investigator. (with Dr. Farzad Moien), (2013-15). Project: Using STANET to diagnose non-convulsive status in RUH emergency department after hours. 30, 000 dollars, Ralston Brothers Research Trust. (Peer Reviewed Grant)

8.-Donation for a new video-EEG telemetry equipment for the Saskatchewan Epilepsy program (2013). Amount; 100,000 dollars. The donations came from generous people in the community of Saskatchewan through the Royal University Hospital Foundation.

9.-Research Grant (2012-13). Project: Epidemiology of Epilepsy in Saskatchewan. 8,300 Department of medicine, University of Saskatchewan

10.-Educational grant. (2012-13) “Epilepsy fellowship for the Saskatchewan Epilepsy Program”. Amount; 43,000 dollars. UCB Canada.

11.-Donation of two video-EEG telemetry equipments for the Saskatchewan Epilepsy program (2011). Amount; 140,000 dollars. The first one was donated by the Royal university hospital foundation of Saskatoon and the second by generous people in the community.

12.-Research Grant (2010-11). Project: Open-Label, Multinational, Multicentre, Follow-Up Study to Evaluate the Long-Term Safety and Efficacy of Brivaracetam, Used at a Flexible Dose up to a Maximum of 150mg/day, In Subjects Aged 16yrs or Older. 15,000. UCB Canada Inc

13.-Principal Investigator, Research Grant (2010-13). Project: Definition of intractable epilepsy. 50,000. UCB Canada Inc

14.-Mudjadik Thyssen Mining Professorship in Neurosciences (2009-2014). Royal University Hospital Foundation, PI (250, 000)

15.-Principal Investigator, Research Grant (2010-11). Project: Discontinuation of antiepileptic drugs following successful epilepsy surgery: A multi-phase study. 4,000. Royal University Hospital Foundation

16.-Principal Investigator, Research Grant (2009-2014). Projects: 1) Yield of ambulatory EEG in adult population with epilepsy and non-epileptic events. 2) Applications of the biomedical beamline at the Canadian Light Source in patients with epilepsy, PI (93,480). Royal University Hospital Foundation

17.-Principal Investigator, research Grant (2009-2011). Project: Assessment of the safety and diagnostic yield of early discontinuation of antiepileptic drugs, and sleep deprivation in video-EEG telemetry unit. Research funds. University of Saskatchewan. Amount: 25, 000 dollars.

18.-Principal Investigator (2008-9). Project: Measurement of fatigue in people with epilepsy; validation of the Fatigue Symptom Inventory, the Fatigue Assessment Instrument and the Fatigue Severity Scale. 25,000. Royal University Hospital Foundation. (Peer Reviewed Grant)

19.-Special fund. Amount; 836,21 dollars (2009). Publication fund for the article Tellez-Zenteno JF, Serrano C, Moien-Afshari F. Gelastic seizures associated with hypothalamic hamartomas. An update in the clinical presentation, diagnosis and treatment. *Neuropsychiatric Disease and Treatment* 2008;4(6) 1021–1031. College of Medicine. University of Saskatchewan

20.-Educational grant. Amount; 2500 dollars (2009). Project: “The Saskatchewan Epilepsy Program”. UCB Canada.

21.-Special fund. Amount; 1875 dollars (2008). Project: “Establishment of research collaboration with the high specialty hospital in Oaxaca, Mexico”. Global Health Funding Opportunity for Faculty in the College of Medicine. University of Saskatchewan

22.-Special fund. Amount: 6,900 dollars. (2007-8) Project: The development of an appropriateness rating tool to identify candidates who should be referred for an epilepsy surgery evaluation – building the foundation for a larger scale study. Start-up research funds. University of Saskatchewan

23.-Co-investigator (with Dr. Nathalie Jette), (2007-10). Project: The development of an appropriateness rating tool to identify candidates for temporal lobe epilepsy surgery - a new tool for the identification of patients with potentially resectable focal epilepsy. 399,000 dollars, CIHR, Canada (Peer Reviewed Grant)

24.-Co-investigator (with Dr. Nathalie Jette), (2007-8). The development of an appropriateness rating tool to identify candidates who should be referred for an epilepsy surgery evaluation – building the foundation for a larger scale study. 10,000. Hotchkiss Brain Institute, Calgary, Canada. (Peer Reviewed Grant)

25.-Special fund. Amount; 2500 dollars (2007). Project: “Identification of candidate genes for disease susceptibility in patients with migraines in Mexico. 2,500 dollars. Global Health Funding Opportunity for Faculty in the College of Medicine. University of Saskatchewan.

26.-Co-investigator (with Dr. Garcia Ramos), (2003-4). Project: Genetic study of patients with migraine, transformed migraine with drug dependence or addiction and patients with migraine and resistance to triptans. 90,000 dollars. Perlegen Sciences, USA. (Peer Reviewed Grant)

27.-Principal Investigator, Research Grant (03-04). Project: Demographic, clinical characteristics and comorbidity data in a large sample of 1147 patients with migraine in Mexico City. 10,000 dollars. Perlegen Sciences, USA. (Peer Reviewed Grant)

28.-Principal Investigator, Research Grant (03-04). Project: National and regional prevalence of self-reported epilepsy in Canada. 8,400 dollars. Mexican Foundation of Health, FUNSALUD

29. Principal Investigator, Research Grant (01-03). Project: Prevalence and risk factors associated with the presence of peripheral neuropathy in patients with hepatitis C virus infection. 12,000 dollars. Granted by CONACYT (Mexican national board for science and technology). (Peer Reviewed Grant)

30.-Principal Investigator, Research Grant (99-00). Project: Prognostic factors of thymectomy in patients with myasthenia gravis: a cohort of 132 patients. 12,000 dollars. Granted by CONACYT (Mexican national board for science and technology). (Peer Reviewed Grant)

PI=principal investigator, CI= Co-investigator

#### **IV MEDICAL SOCIETY AFFILIATIONS**

2007-Present	Canadian Epilepsy Surgery Study Group (CESSG)
2007-Present	Canadian League against Epilepsy
2007-Present	Canadian Medical Association
2006-Present	Canadian Society of Clinical Neurophysiology
2004-Present	Canadian Neurological Society
2004-Present	American Epilepsy Society
2003-Present	Mexican Academy of Neurology
2003-Present	American Academy of Neurology
2000-Present	Internal Medicine Society of Mexico
1997-Present	Medical Association of the National Institute of Medical Sciences and Nutrition
1996-1999	American College of Physicians

#### **V PUBLICATIONS**

**Lifetime per reviewed articles – 135**

**Lifetime publications (peer reviewed articles, abstracts, book chapters) – 318**

**Citation impact (number of articles that cite these publications)**

**WEB of science = 2775, Google scholar = 4878, Scopus = 3127**

**a. Peer Reviewed Articles (Original research)**

1. Chávez E, Téllez F, Pichardo J, Milan R, Cuellar A, Carbajal K et al. On the protection by ketorolac of reperfusion-induced heart damage. *Comp Biochem Physiol C Pharmacol Toxicol Endocrinol* 1996;115:95-100
2. Tellez JF, Carvajal K, Cruz D, Carabez A, Chavez E. Effect of perezone on arrhythmias and markers of cell injury during reperfusion in the anesthetized rat. *Life Sci* 1999;65:1615-23

*Articles 1 and 2 represents several years of work testing drugs in an in vivo heart rat model in order to diminish the ischemia-reperfusion damage. Each one of these studies earned a research award granted by the National University of Mexico (Gustavo Baz medal and Louis Pasteur award respectively)*

3. Garduño-Espinosa J, Hernandez-Ronquillo L, Tellez-Zenteno JF, Espinosa-Morales F, Campos-Castolo M, Carrillo-Manriquez LM et al. Medical student traits associated with future success as physicians. *Rev Invest Clin* 1995;47:355-64
4. Garduño-Espinosa J, Tellez-Zenteno JF, Hernandez-Ronquillo L. Frequency of depression in patients with diabetes mellitus type 2. *Rev Invest Clin* 1998;50:287-91
5. Remes-Troche JM, Tellez-Zenteno JF, Estañol B, Garduño-Espinoza J, Garcia-Ramos G. Thymectomy in myasthenia gravis: response, complications, and associated conditions. *Arch Med Res* 2002;33:545-51
6. Tellez-Zenteno JF, Remes-Troche JM, Negrete-Pulido RO, Davila-Maldonado L. Longitudinal myelitis associated with systemic lupus erythematosus: clinical features and magnetic resonance imaging of six cases. *Lupus* 2001;10:851-56

*This increasingly cited study is the first clinical and radiological description of longitudinal myelitis in patients with systemic lupus erythematosus*

7. Tellez-Zenteno JF, Remes-Troche JM, Garcia-Ramos G, Estañol B, Garduño-Espinoza J. Prognostic factors of thymectomy in patients with myasthenia gravis: a cohort of 132 patients. *Eur Neurol* 2001;46:171-77

*This study represents the description of a large cohort of patients with myasthenia gravis who had thymectomy and were followed for several years. This project earned a research award from the “Boehringer-Promeco Foundation in Mexico”*

8. Tellez-Zenteno JF, Jacinto-Tinajero JC, Avila-Funes A, Garcia-Ramos G, Negrete-Pulido O, Senties-Madrid H. Guillain-Barre syndrome. Experience in a third level hospital. *Rev Invest Clin* 2001;53:311-14
9. Tellez-Zenteno JF, Torre-Delgadillo A, Uscanga-Dominguez LF. Descriptive analysis of 41 patients with a pyogenic hepatic abscess. *Rev Invest Clin* 2001;53:218-22
10. Tellez Zenteno JF, Garcia RG, Garduño EJ, Weder CN, Estañol VB, Dominguez FC et al. Diagnostic tests in myasthenia gravis. Creation of a standard for diagnosis using a method of consensus. *Rev Neurol* 2001;33:825-32

***This work earned an international Award for the best research in Neurophysiology granted by the Latin-American Society of Neurophysiology***

11. Tellez-Zenteno JF, Cardiel MH. Risk factors associated with depression in patients with type 2 diabetes mellitus. *Arch Med Res* 2002;33:53-60

***This increasingly cited study describes the association between hyperglycemia and depression. This study earned a research award granted by the National Institute of Medical Sciences and Nutrition (“Salvador Zubirán award”).***

12. Mundo LS, Estañol B, Tellez Zenteno JF, Plascencia AN, Vinicio CM, Infante O et al. Response of skin blood flow to several respiratory maneuvers in healthy subjects. *Arch Cardiol Mex* 2002;72:115-24
13. Estañol B, Sanchez-Munguia S, Corona M, V, Elias Y, Tellez-Zenteno JF, Garcia-Ramos G. Effect of the graded muscle contraction on the H reflex and long latency reflexes of the thenar and hypothenar muscles to a fixed threshold stimulus. *Neurologia* 2003;18:303-9
14. Sanchez-Roman S, Lopez-Alvarenga JC, Vargas-Martinez A, Tellez-Zenteno JF, Vazquez-Velazquez V, Arcila-Martinez D et al. Prevalence of psychiatric disorders in patients with severe obesity waiting for bariatric surgery. *Rev Invest Clin* 2003;55:400-406
15. Hernandez-Ronquillo L, Tellez-Zenteno JF, Garduño-Espinosa J, Gonzalez-Acevez E. Factors associated with therapy noncompliance in type-2 diabetes patients. *Salud Publica Mex* 2003;45:191-97

***This increasingly cited study describes factors associated with noncompliance in patients with diabetes mellitus type II. It describes rates of noncompliance for diet, use of medications and exercise***

16. Garcia-Ramos G, Tellez-Zenteno JF, Zapata-Zuniga M, Yamamoto-Furusho JK, Ruiz-Morales JA, Villarreal-Garza C et al. HLA class II genotypes in Mexican Mestizo patients with myasthenia gravis. *Eur J Neurol* 2003;10:707-10

***This increasingly cited study describes the association of HLA-DR11 in Mexican Mestizo patients with myasthenia and thymoma***

17. Guillermo GR, Tellez-Zenteno JF, Weder-Cisneros N, Mimenza A, Estañol B, Remes-Troche JM et al. Response of thymectomy: clinical and pathological characteristics among seronegative and seropositive myasthenia gravis patients. *Acta Neurol Scand* 2004;109:217-21
18. Hernandez-Ronquillo L, Tellez-Zenteno JF, Weder-Cisneros N, Salinas-Ramirez V, Zapata-Pallagi JA, da Silva O. Risk factors for the development of bronchopulmonary dysplasia: a case-control study. *Arch Med Res* 2004;35:549-53
19. Estañol B, Vinicio CM, Elias Y, Tellez-Zenteno JF, Infante O, Garcia-Ramos G. Sympathetic co-activation of skin blood vessels and sweat glands. *Clin Auton Res* 2004;14:107-12
20. Tellez-Zenteno JF, Remes-Troche JM, Mimenza-Alvarado A, Garcia-Ramos G, Estañol B, Vega-Boada F. The association of myasthenia gravis and connective tissue diseases. Effects of thymectomy in six cases with rheumatoid arthritis and one case with systemic lupus erythematosus. *Neurologia* 2003;18:54-58
21. Tellez-Zenteno JF, Hernandez-Ronquillo L, Salinas Ramirez V, Estañol-Vidal B, Da Silva O. Myasthenia gravis and pregnancy: clinical implications and neonatal outcome. *BMC Musculoskelet Disord* 2004;5:42

***This increasingly cited study is one of the few studies described in the literature assessing the clinical course of myasthenia gravis during pregnancy***

22. Tellez Zenteno JF, Calva MJ, Weder CN, Estañol B, Montes J, Rosales M et al. Prevalence and risk factors associated with the presence of peripheral neuropathy in patients with hepatitis C virus infection. *J Clin Neuromusc Dis* 2003;4:109-14
23. Weder-Cisneros N, Tellez-Zenteno JF, Velasquez-Paz A, Cantú-Brito C, Orozco A, Mimenza-Alvarado A et al. Response to thymectomy in patients with thymoma. *Rev Invest Clin* 2003;55:629-34
24. Tellez-Zenteno JF, Remes-Troche JM, Garcia-Ramos G, Estañol B, Garduño-Espinoza J. Prognostic factors of thymectomy in patients with myasthenia gravis: a cohort of 132 patients. *Ann N Y Acad Sci* 2003;998:491-93
25. Tellez-Zenteno J, Cardenas G, Estañol B, Garcia-Ramos G, Weder-Cisneros N. Associated conditions in myasthenia gravis: response to thymectomy. *Eur J Neurol* 2004;11(11):767-773
26. Tellez-Zenteno JF, Pondal-Sordo M, Matijevic S, Wiebe S. National and regional prevalence of self-reported epilepsy in Canada. *Epilepsia* 2004;45:1623-29



***This increasingly cited article is the first study in Canadian population assessing the prevalence of epilepsy***

27. Weder-Cisneros ND, Tellez-Zenteno JF, Cardiel MH, Guibert-Toledano M, Cabiedes J, Velasquez-Paz AL et al. Prevalence and factors associated with headache in patients with systemic lupus erythematosus. *Cephalalgia* 2004;24:1031-44

***This increasingly cited study explore the association of different types of headache in patients with systemic lupus erythematosus. This article has been cited in different articles, books, encyclopaedias such as Wikipedia and several online resources***

28. Ortiz-Nieva G, Estañol B, Tellez-Zenteno JF, García-Villa M, Corona-Marco V, Padilla-Rubio J et al. Secondary Raynaud's syndrome: skin blood flow decrease between the ischemic episodes and prolongation of the vasoconstriction during the respiratory maneuvers. *Arch Cardiol Mex* 2004;74:181-91
29. Tellez-Zenteno JF, Dhar R, Wiebe S. Long-term seizure outcomes following epilepsy surgery: a systematic review and meta-analysis. *Brain* 2005;128:1188-98

***This is a very successful meta-analysis. It reports surgical outcomes after epilepsy surgery in studies with long term follow up. This article has received several citations since publication and strong international recognition.***

30. Tellez-Zenteno JF, Guillermo García-Ramos, Fernando Zermeño-Pöhls, Antonio Velazquez. Demographic, clinical and comorbidity data in a large sample of 1147 patients with migraine in Mexico City. *J Headache Pain* 2005;6:128–134
31. Tellez-Zenteno JF, Ronquillo LH, Wiebe S. Sudden unexpected death in epilepsy: Evidence-based analysis of incidence and risk factors. *Epilepsy Res* 2005;65(1-2):101-15
32. Burneo JG, Tellez-Zenteno J, Wiebe S. Understanding the burden of epilepsy in Latin America: A systematic review of its prevalence and incidence. *Epilepsy Res.* 2005;66:63-74
33. Tellez-Zenteno JF, Matijevic S, Wiebe S. Somatic Comorbidity of Epilepsy in the General Population in Canada. *Epilepsia* 2005;46(12):1955–1962

***This is one of the few population-based studies of somatic co-morbidity in epilepsy. It underlines the importance of addressing the numerous chronic conditions that co-exist with epilepsy. This work earned a research award from the Canadian League Against Epilepsy.***

34. Tellez-Zenteno JF, McLachlan R, Parrent A, Kubu CS, Wiebe S. Electrical stimulation in mesial temporal lobe epilepsy; randomized controlled trials in four individual patients. *Neurology* 2006;66(10):1490-94

***This is the only randomized controlled trial of hippocampal stimulation in epilepsy. Data from this pilot study were used for an ongoing multicentre randomized controlled trial of this intervention.***

35. Pondal Sordo M, Diosy D, Tellez-Zenteno JF, Wiebe S. Epilepsy surgery involving the sensory-motor cortex. *Brain* 2006;129:3307-14

***This is the largest series of patients who have had epilepsy surgery in the rolandic cortex***

36. Tellez-Zenteno JF, Dhar R, Hernández-Ronquillo L, Wiebe S. Long-term outcomes in epilepsy surgery: antiepileptic drugs, mortality, cognitive and psychosocial aspects. *Brain* 2007;130:334-45

***This is a very successful meta-analysis. It reports surgical outcomes after epilepsy surgery in studies with long term follow up. This article has received several citations since publication and strong international recognition.***

37. Pondal-Sordo M, Diosy D, Tellez-Zenteno JF, Sahjpal R, Wiebe S. Usefulness of intracranial EEG in the decision process for epilepsy surgery. *Epilepsy Res* 2007;74:176-182.

38. Sanchez-Roman S, Tellez-Zenteno JF, Zermeno-Phols F *et al.* Personality in patients with migraine evaluated with the "Temperament and Character Inventory". *J Headache Pain* 2007;8:94-104.

39. Tellez-Zenteno JF, Morales-Buenrostro LE, Estanol B. Impact factor of Latin American medical journals. *Rev Med Chil* 2007;135:480-487.

***This increasingly cited study shows that journals in Latin-America who use the English language for publication have a higher impact factor than the journals published in Spanish. The article has been cited several times and any time that the topic of English conversion of Latin-American journals comes to discussion the articles is highlighted.***

40. Tellez-Zenteno JF, Patten SB, Jetté N, Williams J, Wiebe S. Psychiatric Comorbidity in Epilepsy: A Population-Based Analysis. *Epilepsia* 2007;48(12):2336-44.

***This increasingly cited study is one of the few population-based studies of psychiatric comorbidity in epilepsy. It underlines the importance of addressing psychiatric conditions that co-exist with epilepsy.***

41. Wiebe S, Tellez-Zenteno JF, Shapiro M. An evidence-based approach to the first seizure. *Epilepsia* 2008;49:50-7
42. Téllez-Zenteno JF, Hunter G, Wiebe S. Injuries in people with self-reported epilepsy: A population-based study. *Epilepsia* 2008;49(6):954-61

***This is one of the few population-based studies of injuries in people with epilepsy. It underlines that the prevalence of injuries in people with epilepsy from the general population is the same that the general population but admissions to emergency are more frequent in people with epilepsy.***

43. Burneo JG, Tellez-Zenteno JF, Steven DA, Niaz N, Hader W, Pillay N, Wiebe S. Adult onset epilepsy associated with dysembryoplastic neuroepithelial tumors. *Seizure* 2008;17(6):498-504.
44. Wirrell E, Kozlik S, Tellez J, Wiebe S, Hamiwka L. Ambulatory Electroencephalography (EEG) in children: diagnostic yield and tolerability. *J Child Neurol* 2008;23:655-662
45. Estanol B, Senties-Madrid H, Elias Y, Coyac P, Martinez-Memije R, Infante O, Tellez-Zenteno JF, Gracia Ramos G. Respiratory and non respiratory oscillations of the skin blood flow: A window to the function of the sympathetic fibers to the skin blood vessel. *Arch Inst Cardiol Mex* 2008;78:187-194
46. Moien-Afshari F, Griebel R, Sadanand V, Vrbancic M, Hernandez-Ronquillo L, Lowry N, Téllez Zenteno JF. Safety and yield of early cessation of AEDs in video-EEG telemetry and outcomes. *Can J Neurol Sci* 2009;36:587-592
47. McLachlan RS, Pigott S, Tellez-Zenteno JF, Parrent A. Bilateral Hippocampal Stimulation for Intractable Temporal Lobe Epilepsy. *Epilepsia* 2010; 51(2):304-7
48. Téllez-Zenteno JF, Hernández Ronquillo L, Moien-Afshari F, Wiebe S. Surgical outcomes in lesional and non-lesional epilepsy: a systematic review and meta-analysis. *Epilepsy Res* 2010;89(2-3):310-8

***This meta-analysis analyzes the seizure outcome after epilepsy surgery of patients with no lesion demonstrated in the brain MRI or histopathology. This study was selected for a special article by the journal Neurology where the most important five contributions in epilepsy from 2010 were highlighted (Neurology 2011;76(Suppl 2):S20-S25).***

49. Téllez-Zenteno JF, Pahwa DR, Hernandez-Ronquillo L, García-Ramos G, Velázquez A. Association between Body Mass Index and Migraine. *Eur Neurol* 2010;64(3):134-9

***This is one of the few population-based studies that analyze the association between body mass index and migraine. It underlines the lack of association between the body mass index and the severity, disability and characteristics of patients with episodic migraine.***

50. Sherman EM, Wiebe S, Fay-McClymont TB, Tellez-Zenteno J, Metcalfe A, Hernandez-Ronquillo L, Hader WJ, Jetté N. Neuropsychological outcomes after epilepsy surgery: Systematic review and pooled estimates. *Epilepsia* 2011;52(5):857-69
51. Macrodimitris S, Sherman EM, Forde S, Tellez-Zenteno JF, Metcalfe A, Hernandez-Ronquillo L, Wiebe S, Jetté N. Psychiatric outcomes of epilepsy surgery: A systematic review. *Epilepsia* 2011;52(5):857-69
52. Hernandez-Ronquillo L, Moien-Afshari F, Knox K, Britz J, Tellez-Zenteno JF. How to measure fatigue in epilepsy? The validation of three scales for clinical use. *Epilepsy Res* 2011;95(1-2):119-29
53. Linehan C, Tellez-Zenteno JF, Burneo JG, Berg AT. Future directions for epidemiology in epilepsy. *Epilepsy & Behaviour* 2011;22(1):112-7

***This article is included in a supplement where international rising stars in the field of epilepsy were selected. The article describes new concepts and future directions of epidemiology in epilepsy***

54. Hamiwka L, Macrodimitris S, Tellez-Zenteno JF, Metcalfe A, Wiebe S, Kwon CS, Jetté N; CASES Investigators. Social outcomes after temporal or extratemporal epilepsy surgery: a systematic review. *Epilepsia* 2011;52(5):870-9
55. Tellez-Zenteno JF. Babies exposed to newer-generation antiepileptic drugs (compared with no antiepileptic drug exposure) in the first-trimester of pregnancy are not at increased risk of major birth defects. *Evid Based Med* 2012;17(2):66-7
56. Téllez-Zenteno JF, Ronquillo LH, Jette N, Burneo JG, Nguyen DK, Donner EJ, Sadler M, Javidan M M, Gross DW, Wiebe S; Canadian Epilepsy Surgery Study Group. Discontinuation of antiepileptic drugs after successful epilepsy surgery. A Canadian survey. *Epilepsy Res* 2012;102(1-2):23-33

***This increasingly cited study is a very important survey of clinical practice from Canadian epileptologist regarding the discontinuation of anti-epileptic drugs after epilepsy surgery.***

57. Jette N, Quan H, Tellez-Zenteno JF, Macrodimitris S, Hader WJ, Sherman EM, Hamiwka LD, Wirrell EC, Burneo JG, Metcalfe A, Faris PD, Hernandez-Ronquillo L, Kwon CS, Kirk A, Wiebe S; The CASES Expert Panelists. Development of an online tool to determine appropriateness for an epilepsy surgery evaluation. *Neurology* 2012;11;79(11):1084-93.

58. Dash D, Hernandez-Ronquillo L, Moien-Afshari F, Tellez-Zenteno JF. Ambulatory EEG: a cost-effective alternative to inpatient video-EEG in adult patients. *Epileptic Disord.* 2012;14(3):290-7

***This is the first article describing the yield and potential use of portable EEG in adult population. The article reports a high yield of portable EEG to investigate patients with epilepsy and non-epileptic events. It also describes potential new indications for its use.***

59. Anang J, Téllez-Zenteno JF. Single Unprovoked Seizure: Wait Time to Full Medical Assessment, Does it Matter?. *Neurol. Bull* 4: 1-11, 2012

60. Hader WJ, Tellez-Zenteno J, Metcalfe A, Hernandez-Ronquillo L, Wiebe S, Kwon CS, Jette. Complications of epilepsy surgery-A systematic review of focal surgical resections and invasive EEG monitoring. *Epilepsia* 2013;54(5):840-7

61. Téllez-Zenteno JF, Hunter G, Hernández-Ronquillo L, Haghiri E. Neuroinvasive West Nile Virus Disease in Canada. The Saskatchewan experience. *Can J Neurol Sci* 2013;40(4):580-4

***This is an important epidemiological article describing the 2007 outbreak of West Nile infection in Saskatchewan. The article focuses in the description of cases with Neuroinvasive West Nile infection. Few descriptions are available in Canada and North-America***

62. Ladino LD, Hunter G, Téllez-Zenteno JF. Art and epilepsy surgery. *Epilepsy Behav* 2013;29(1):82-9.

***This historical article reviews the available paintings depicting epilepsy surgery since ancient times. Paintings since the renaissance are discussed in the review.***

63. Rizvi SA, Hernandez-Ronquillo L, Wu A, Téllez Zenteno JF. Is rapid withdrawal of anti-epileptic drug therapy during video EEG monitoring safe and efficacious? *Epilepsy Res* 2014;108(4):755-64

***This is a prospective study that explores the safety and yield of early discontinuation of AEDs in video-EEG telemetry. The article shows that the practice is safe with good surgical results in patients.***

64. Ladino LD, Hernández-Ronquillo L, Téllez-Zenteno JF. Management of antiepileptic drugs following epilepsy surgery: a meta-analysis. *Epilepsy Res* 2014;108(4):765-74

65. Téllez-Zenteno JF, Hernández-Ronquillo L, Buckley S, Zahagun R, Rizvi S. A validation of the new definition of drug-resistant epilepsy by the International League Against Epilepsy *Epilepsia.* 2014;55(6):829-834.

***This is a very relevant contribution. We validated the definition of drug resistant epilepsy released by the ILAE using a cohort of patients with epilepsy from our center. The article was highlighted by the ILAE and other websites.***

66. Jirsch J, Gross DW, Jette N, Federico P, Dubeau F, Tellez-Zenteno JF, Pohlmann-Eden B, Burneo JG, McLachlan R, Ahmed SN, Deacon C, Javidan M, Nguyen DK, Sadler RM, Spiller A, Townsend T, Veilleux M, Wennberg RA, Wiebe S, Yankovsky A. Canadian epileptologists' counseling of drivers amidst guideline inconsistencies. *Can J Neurol Sci* 2014;41(4):413-20.
67. Borlot F, Tellez-Zenteno JF, Allen A, Ali A, Snead OC 3rd, Andrade DM. Epilepsy transition: challenges of caring for adults with childhood-onset seizures. *Epilepsia*. 2014;55(10):1659-66.
68. Ladino LD, Hernández-Ronquillo L, Téllez-Zenteno JF. Obesity and its association with generalised epilepsy, idiopathic syndrome, and family history of epilepsy. *Epileptic Disord* 2014;16(3):343-53.

***This is one of the few clinical articles describing the association of obesity with primary generalized epilepsy.***

69. Ladino LD, Hernández-Ronquillo L, Téllez-Zenteno JF. Medicinal marijuana for epilepsy: a case series study. *Can J Neurol Sci* 2014;41(6):753-8.
70. Escalaya AL, Tellez-Zenteno JF, Steven DA, Burneo JG. Epilepsy and mortality in Latin America. *Seizure* 2015;25:99-103
71. Pohlmann-Eden B, Aldenkamp A, Baker GA, Brandt C, Cendes F, Coras R, Crocker CE, Helmstaedter C, Jones-Gotman M, Kanner A, Mazarati A, Mula M, Smith ML, Omisade A, Tellez-Zenteno J, Hermann B. The Relevance of Neuropsychiatric Symptoms and Cognitive Problems in New-onset Epilepsy-Current Knowledge and Understanding. *Epilepsy & Behavior* 2015;51:199–209
72. Voll A, Hernández-Ronquillo L, Buckley S, Téllez-Zenteno JF. Predicting drug resistance in adult patients with generalized epilepsy: A case-control study. *Epilepsy Behav* 2015;9;53:126-130.
73. Ladino LD, Voll A, Dash D, Sutherland W, Hernández-Ronquillo L, Téllez-Zenteno JF, Moien-Afshari F. StatNet Electroencephalogram: A Fast and Reliable Option to Diagnose Nonconvulsive Status Epilepticus in Emergency Setting. *Can J Neurol Sci* 2016;11:1-7.
74. Ladino LD, Rizvi S, Téllez-Zenteno JF. Epilepsy through the ages: An artistic point of view. *Epilepsy Behav* 2016;57(Pt B):255-64

75. Ladino L, Tellez-Zenteno JF. Tlazolteotl, the Aztec goddess of epilepsy. *Epilepsy & Behaviour*. *Epilepsy Behav* 2016;24;57(Pt A):60-68
76. Hernández-Ronquillo L, Buckley S, Ladino-Malagon L, Wu A, Moien-Afshari F, Rizvi S, Téllez-Zenteno JF. How many patients with temporal epilepsy do not require epilepsy surgery? An approach to the concept of mild course temporal lobe epilepsy. *Epileptic Disord*. 2016 Jun 1;18(2):137-47
77. Rizvi S, Hernandez-Ronquillo L, Moien-Afshari F, Hunter G, Waterhouse K, Dash D, Téllez-Zenteno JF. Evaluating the single seizure clinic model: Findings from a Canadian Center. *J Neurol Sci* 2016;367;203–210
78. Ladino LD, Balaguera P, Rascovsky S, Delgado J, Llano J, Hernández-Ronquillo L, Gómez-Arias B, Téllez-Zenteno JF. Clinical Benefit of 3 Tesla Magnetic Resonance Imaging Rescanning in Patients with Focal Epilepsy and Negative 1.5 Tesla Magnetic Resonance Imaging. *Rev Invest Clin*. 2016 May-Jun;68(3):112-8.

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**g. Invited commentaries in Evidence Based Medicine**

1. Commentary about the risk factors associated with depression in patients with type II Diabetes Mellitus. Iberoamerican Society of Scientific Information. 2004 <http://www.siicsalud.com/dato/dat039/04714013.htm>

**h. Professional Thesis**

1. PhD Degree in Medical Sciences. Thesis: “Prevalence And Risk Factors Associated With The Presence Of Peripheral Neuropathy In Patients With Hepatitis C Virus Infection”. National University of Mexico Press
2. Master Degree in Medical Sciences. Thesis: “Prognostic factors of thymectomy in patients with myasthenia gravis: a cohort of 132 patients”; Graduated with Honors. National University of Mexico Press
3. Residency of Neurology. Thesis: “HLA Class II Genotypes in Mexican Mestizo Patients with Myasthenia Gravis”. National University of Mexico Press
4. Residency of Internal Medicine. Thesis: “Risk factors associated with depression in patients with type 2 diabetes mellitus”. National University of Mexico Press

**i. Other publications**

1. Epilepsy leaving the nightmare. *Journal of surgical humanities*, spring 2015, Pages 3-4.

**VI CHAPTERS OF BOOKS**

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  11. Tellez-Zenteno JF. Wiebe S. Diagnosis, medical and surgical treatment of temporal lobe epilepsy. In *Epilepsy, a Latin-American point of view*. Editorial Alfil, Mexico, 2014 p 325-38
  12. Tellez-Zenteno JF. Epilepsy. A review based on the context of immigrant health. In: *Encyclopedia of Immigrant Health*. First. London: Springer Science/Business Media, LLC, London, UK, 2012 p. 631-4.

13. Ladino,L.D., Moien-Afshari F, and Tellez-Zenteno,J. A Comprehensive Review of Temporal Lobe Epilepsy. In: Neurological Disorders - Clinical Methods (Ed iConcept Press Ltd). iConcept Press Ltd, 2014: 1-36

## **VII PUBLISHED BOOK CHAPTERS DERIVED FROM CONFERENCES OR SYMPOSIUMS**

1. Margarita Pondal-Sordo, David Diosy, José F. Téllez-Zenteno, Ramesh Sahjpaul, Samuel Wiebe. Intracranial EEG Monitoring (IEM) in Patients with Medically Intractable Epilepsy. First edition, Calgary AB CA. Eds. Dr. P. Federico. Molecules of the mind retreat. 2005
2. Margarita Pondal-Sordo, David Diosy, José F. Téllez-Zenteno, Samuel Wiebe. Epilepsy surgery in the rolandic cortex. First edition, Calgary AB CA. Eds. Dr. P. Federico. Molecules of the mind retreat. 2005
3. Jose F Tellez-Zenteno, Richard McLachlan, Andrew Parrent, Cynthia S Kubu, Samuel Wiebe. Electrical stimulation in mesial temporal lobe epilepsy; Randomized controlled trials in four individual patients. First edition, Calgary AB CA. Eds. Dr. P. Federico. Molecules of the mind retreat. 2005
4. Tellez-Zenteno JF, Matijevic S, Wiebe S. Somatic Comorbidity of Epilepsy in the General Population in Canada. First edition, Calgary AB CA. Eds. Dr. P. Federico. Molecules of the mind retreat. 2005
5. Samuel Wiebe, Tellez-Zenteno JF, Michele Shapiro. Management of the first seizure; an evidence based approach. Second edition, Calgary AB CA. Eds. Dr. P. Federico. Neuroconections retreat. 2007
6. Tellez-Zenteno JF, Sylaja N. Pillai, Michael D Hill, Neelan Pillay. Chronic PLEDs with transitional rhythmic discharges (PLED-plus) in remote stroke. Second edition, Calgary AB CA. Eds. Dr. P. Federico. Neuroconections retreat. 2007
7. Téllez-Zenteno JF, Scott Patte, Nathalie Jette, Samuel Wiebe. Psychiatric comorbidity in epilepsy; a population based analysis. Second edition, Calgary AB CA. Eds. Dr. P. Federico. Neuroconections retreat. 2007

## **VIII JOURNALS REVIEW**

### **a. Scientific journals review**

1) 2016-Present

Journal of the International  
Neuropsychological Society



- 2) 2016-Present Scientific reports
- 3) 2016-Present Journal Behavioral Neurology
- 4) 2016-Present Sultan Qaboos University Medical Journal
- 5) 2016-Present Clinical and translational investigation
- 6) 2016-Present Journal of the Neurological Sciences
- 7) 2016-Present Expert review of Clinical Pharmacology
- 8) 2015-Present International Journal of Chronic Diseases
- 9) 2015-Present Canadian Journal of Public Health
- 10) 2015-Present Pediatric Health, Medicine and Therapeutics
- 11) 2014-Present General Hospital Psychiatry
- 12) 2014-Present Entropy
- 13) 2014-Present Pediatric Health, Medicine and Therapeutics
- 14) 2014-Present Neurology International
- 15) 2014-Present Frontiers in Neurology
- 16) 2014-Present Biomedical Sensors and systems
- 17) 2014-Present Future Neurology
- 18) 2014-Present Current Medicinal Chemistry
- 19) 2013-Present International Journal of General Medicine
- 20) 2013-Present Contemporary Clinical Trials
- 21) 2012-Present Nature reviews of Neurology
- 22) 2012-Present Clinical Epidemiology
- 23) 2012-Present American Journal of Medical Genetics
- 24) 2012-Present European Neurology
- 25) 2012-Present Acta Neurologica Scandinavica
- 26) 2012-Present PLOS ONE
- 27) 2012-Present Frontiers in epilepsy
- 28) 2012-Present Journal of Public Health and Epidemiology
- 29) 2012-Present Neuroepidemiology
- 30) 2012-Present Neuroscience & Medicine
- 31) 2012-Present Revista de la Facultad de Medicina de la Universidad Autónoma de Bucaramanga
- 32) 2011-Present Journal of Neuroscience and Behavioural Health
- 33) 2011-Present Journal of Clinical Neurophysiology
- 34) 2010-Present Neuropsychiatric Disease and Treatment
- 35) 2010-Present Epilepsy & Behaviour
- 36) 2010-Present BMC Pediatrics
- 37) 2010-Present Nature Reviews Neurology
- 38) 2010-Present Future Medicine Ltd
- 39) 2010-Present Neurosurgery
- 40) 2010-Present International Neurology
- 41) 2009-Present SRX Neuroscience
- 42) 2009-Present ClinicoEconomics and Outcomes Research
- 43) 2009-Present Pharmacoepidemiology and Drug Safety
- 44) 2009-Present Seizure
- 45) 2009-Present Epilepsy Research



46) 2008-Present	Revista de Evidencia e Investigación Clínica
47) 2008-Present	CMAJ
48) 2008-Present	BMC Health Services Research
49) 2008-Present	Journal of Pediatric Neurology
50) 2007-Present	Neurology
51) 2007-Present	Nature Clinical Practice Neurology
52) 2007-Present	Journal of Neurology
53) 2007-Present	Vascular Health and Risk Management
54) 2007-Present	Canadian Journal of Neurological Sciences
55) 2006-Present	European Journal of Neurology
56) 2005-Present	Epilepsia
57) 2005-Present	Journal of Headache and Pain
58) 2005-Present	Experts review on neurotherapeutics
59) 2003-Present	BMC Neurology
60) 2003-Present	Journal of Autoimmune Diseases
61) 2001-Present	Archives of Medical Research
62) 2000-Present	Revista de Investigación Clínica

**b. Editorial committee member**

2015-Present	International Journal of Chronic Diseases
2015-Present	Clinical and translational Investigation
2009-Present	Neurology International
2009-Present	Frontiers in epilepsy
2008-Present	Revista de Evidencia e Investigacion Clinica

**c. Evidence based medicine commentator**

2010-Present Commentator for the journal “Evidence based medicine”

**IX BOOKS REVIEW, RESEARCH INTEREST AND MAJOR ACHIEVEMENTS**

**a) Book reviews**

- 1) Hirsch E, Andermann F, Chauvel P, Engel J, Lopes da Silva FH, Luders H. Generalised seizures: From clinical phenomenology to underlying systems and networks. France: Editions John Libbey Eurotext, 2006. Review in: Can J Neurol Sci 2007;34:395-396
- 2) Wheless J, Willmore LJ, Brumback RA. Advanced Therapy in Epilepsy. USA: People’s Medical Publishing House, 2010. Review in: Can J Neurol Sci 2010;37:297

- 3) Trisha Greenhalg. How to Read a Paper. The Basics of Evidence-Based Medicine. Fourth Edition. USA: Wiley Blackwell. Review in: Can J Neurol Sci 2011;38 :184-5
- 4) Gregory L. Krauss, Robert S. Fisher, Peter W. Kaplan. The Johns Hopkins Atlas of Digital EEG. Second edition. USA: The Johns Hopkins University Press. Review in Can J Neurol Sci 2012;39(2):260

**b) Research interest**

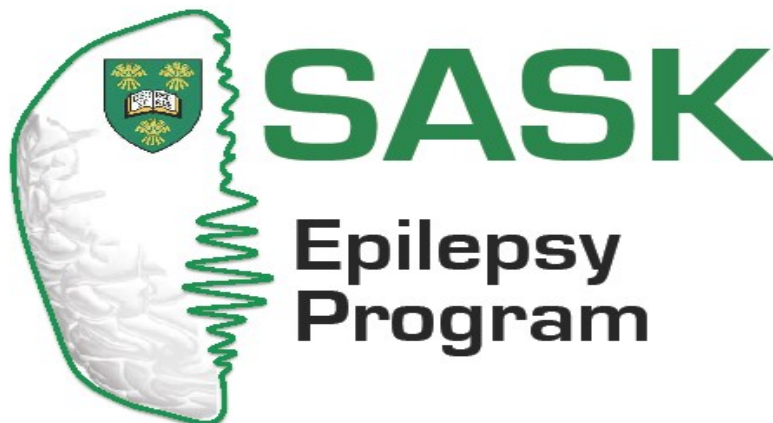
- 1) Epidemiology of neurological conditions with strong interest in epilepsy
- 2) Prognosis of neurological conditions with strong interest in epilepsy. Case control studies, cohort studies, randomized clinical trials
- 3) Metanalysis and systematic reviews of diverse outcomes related with neurological conditions with strong interest in epilepsy
- 4) Clinimetrics. Validation of instruments
- 5) Comorbidity of neurological conditions with strong interest in epilepsy evaluated with different methodologies
- 6) Administrative data base research in order to evaluate epidemiological outcomes

**c) Major achievements**

- I published my first international articles when I was a medical student
- I was awarded with Prestigious Louis Pasteur and Gustavo Baz awards by the National University of Mexico (UNAM).
- I was presented with the prestigious Antonio Caso Medal in 2003 for the National University of Mexico for his excellent performance during the Master degree in Clinical Epidemiology
- I have completed successfully two residencies, two epilepsy fellowships in epilepsy and a PHD in clinical epidemiology
- I have been awarded with more than 11 national and international research prizes and honors
- I was able to describe for the first time the concept of “longitudinal myelitis” in patients with systemic lupus erythematosus
- I was awarded with the Bruce Schoenberg International Award in Neuroepidemiology in 2007 by the American Academy of Neurology. The award recognized my contributions in migraine and myasthenia gravis when I was working in Mexico
- I was awarded with the Mudjatic Thyssen Mining Professorship in Neuroscience (2009-14) by the Royal University Hospital Foundation in Saskatoon
- I have published classical articles in the literature of epidemiology epilepsy, epilepsy surgery outcomes, and in general regarding outcomes in patients with epilepsy
- I was selected as an international rising star in the field of epilepsy by the journal epilepsy and behavior in 2011
- I have been a very active and well evaluated teacher for medical students and residents of neurology at the U of S

- I am the current director of the main neurology course for medical students (Neurology System's teaching) at the U of S
- I became the first Saskatchewan president of the Canadian Society of Clinical Neurophysiology in 2015
- My publications have been cited 2775 times according the database of the Web of knowledge-Thompson Reuters, and 4878 times according the data base of google scholar
- Our center published the first experience in Canadian centres exploring the yield of portable EEG for the diagnosis of epilepsy
- Regarding my clinical work my most important achievement is the creation of an epilepsy program for complex patients with epilepsy in the province of Saskatchewan. The program offers epilepsy surgery, vagal nerve stimulation, deep brain stimulation and other specialized treatments. The program has also a single seizure clinic. (Attachment 1)
- I have been the main speaker in several national and international meetings
- I have brought close to 2 million dollars in grants and donations to the U of S
- I have participated in several national and international committees and commissions
- I am a very well recognized international expert in epilepsy
- In collaboration with Dr. Moien-Afshari, Dr. Lizbeth Hernandez, Dr. Adam Wu, Dr. Mark Hiken, we developed the first epilepsy brain bank in Canada (Attachment 2)

## Attachment 1



Creation of a comprehensive provincial epilepsy program to assess patients with drug resistant epilepsy. The following services have been established with the program:

- a) Comprehensive assessment of potential candidates for epilepsy surgery
- b) Comprehensive assessment for patients with drug resistant epilepsy
- c) A program of portable EEGs to investigate patients with the potential diagnosis of epilepsy

- d) Two permanent video-EEG telemetries to investigate candidates for epilepsy surgery
- e) Wada test for candidates for epilepsy surgery
- f) Implantation of depth electrodes for patients with epilepsy surgery
- g) A program to implant vagal nerve stimulates for patients with intractable epilepsy
- h) A new program to implant deep brain stimulators for patients with intractable epilepsy
- i) Addition of functional MRI and PET scan in the assessment of candidates for epilepsy surgery
- j) Consolidation as the only EEG lab in the province with full qualification of EEG/EMG technologists
- k) Establishment of a single seizure clinic. The clinic assesses patients from the Saskatoon Health region who experience the first seizure in life