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CURRENT POSITION

Assistant Professor of Neurosurgery (Skull Base, Cerebrovascular and Functional Neurosurgery), School of Medicine, Loma Linda University Medical Center since September 1st, 2016.

JOB HISTORY

Skull Base and Cerebrovascular Surgery Clinical Fellow / Junior Staff – CHI St Vincent, Arkansas Neurosciences Institute (ANI), Little Rock, AR with Ali Krisht, MD from 9/1/2005 to 8/31/2016.

Staff Neurosurgeon, Billings Clinic, Billings, MT from 8/27/2012 to 8/26/2015. General neurosurgery performed 45% cranial neurosurgery (brain tumor, skull base surgery, ventricular and skull base endoscopic neurosurgery, deep brain stimulation, epilepsy surgery, aneurysm clipping, EC-IC bypass, carotid endarterectomies, gamma knife procedures), and 55% spinal neurosurgery (trauma, neoplasm, degenerative, instrumentation).

BOARD CERTIFICATIONS

1.-Board Certified by American Board of Neurological Surgeons (ABNS). Certificate number 35063.

Presented and approved oral examination on 5/22/2015.

2.-Board Certified by the Mexican Board of Neurological Surgery: Certification Number 768. February 18th, 2006. Recertified 10/18/2011.

HOSPITAL AFFILIATIONS

Highland Springs Surgical Center	10/25/2016 – Present
Loma Linda University Medical Center – Murrieta	11/1/2016 – Present
Redlands Community Hospital	2/2/2017 – Present
Loma Linda University Children’s Hospital	09/1/2016 – Present
Loma Linda University Medical Center	09/1/2016 – Present
Cleveland Clinic Educational Foundation	05/1/2008 – 7/30/2012

LICENSES

1.-State of Ohio Medical License: 120005 (Expires July 1st, 2018).

2.-Montana Board Medical License: 14003 (Expires March, 31st, 2018).

- 3.-California State Medical License: A135399 (Expires August 31st, 2018).
- 4.-Arkansas State Medical License: E-9249 (Issued 6/26/2015, expires 8/31/2017).
- 5.-Medical License Number 02936805 from the Direction of Public Education, Mexico.

EDUCATION

- 1.-Skull Base and Cerebrovascular Surgery Clinical Fellow / Junior Staff – CHI St Vincent, Arkansas Neurosciences Institute (ANI), Little Rock, AR with Ali Krisht, MD from 9/1/2005 to 8/31/2016.
- 2.-Neurosurgery Residency (5/01/2008 to 7/31/2012) at The Cleveland Clinic Foundation. Cleveland, OH., U.S.A., Program Director: Richard Schlenk, M.D., Chairman of Neurosurgery: Dr Edward Benzel, M.D.
- 3.-Clinical Fellow in Epilepsy Neurosurgery (7/1/2007 to 4/30/2008) at Neurosurgery Department, The Cleveland Clinic Foundation. Cleveland, OH, U.S.A. Program Director: William Bingaman, M.D.
- 4.-Clinical Fellow in Pediatric Neurosurgery (02/27/2007 to 06/30/2007) at Neurosurgery Department, The Cleveland Clinic Foundation. Cleveland, OH, U.S.A. Program Director: Mark Luciano, M.D., PhD.
- 5.-Clinical Fellow in Functional and Restorative Neurosurgery (02/27/2006 to 02/26/2007) at the Center for Neurological Restoration, The Cleveland Clinic Foundation. Cleveland, OH, U.S.A. Program Director: Ali R. Rezai, M.D.
- 6.-Neurological Surgery Residency Training (PGY-2 to 6). National Institute of Neurology and Neurosurgery (NINN). Mexico City (03/01/2001 to 02/24/2006)
- 7.-Masters on Medical Sciences (MSc) in Neurosurgical Field. National University Autonomous of Mexico (03/01/2004 to 02/24/2006) (Thesis exam approved 2/21/2017)
- 8.-General Surgery (PGY-1). Aguascalientes General Hospital, Mexican Institute of Social Security (IMSS). Aguascalientes, Ags., Mexico (03/01/2000 to 02/28/2001)
- 9.–Medical School. Autonomous University of Aguascalientes (UAA), Aguascalientes, Ags., Mexico (08/1992 – 06/1999). Degree of Surgeon Physician obtained on September 18th, 1999.

ADDITIONAL TRAINING

- Microneurosurgery course. Yeditepe University. Istanbul, Turkey. June 15-18, 2016.
- Al-Mefty Skull Base surgery course. CHI St Vincent, Arkansas Neurosciences Institute. Little Rock, AR. March 6 to 9, 2016.
- Microsurgery of Aneurysms: Recent Advances. CHI St Vincent, Arkansas Neurosciences Institute. Little Rock, AR. October 26-27, 2015.

-Microsurgery of Aneurysms: Recent advances. St Louis University. Part I. Hands On Cadaver Workshop with Life-like Simulation. St Louis, MO. October 21-24, 2015.

-Fiber Dissection Techniques. CHI St Vincent. Arkansas Neurosciences Institute. Little Rock, AR. September 22nd to 24th, 2015.

-Unlocking Cavernous Sinus. CHI St Vincent. Arkansas Neurosciences Institute. Little Rock, AR. August 22nd to 25th, 2015.

-North American Skull Base Society. Pre-meeting course. American College of Surgeons. Tampa, FL. February 18-19, 2015.

-Lateral Approaches to the Spine 2015. Swedish Medical Center. February 7th, 2015. Seattle, WA, USA.

-Gamma Knife Perfexion Radiosurgery Combined Training Course (Didactic and Practical). The Cleveland Clinic Gamma Knife Center. May 19th to 23rd, 2014. Cleveland, OH, USA.

-North American Skull Base Society. Practical Dissection Workshop. American College of Surgeons. February 12-13, 2014. San Diego, CA.

-North American Skull Base Society. American College of Surgeon. February 14-16, 2014. San Diego, CA.

-Cleveland Spine Review Hand-On Course. Cleveland Clinic Center for Spine Health. July 10-16, 2013. Cleveland, OH. (Faculty).

-1st Dandy Division of Cerebrovascular Surgery Meeting, 6th World Congress on Cerebrovascular Revascularization, 13th Annual Hands-On Course on EC-IC Bypass. St Louis, MO. February 28th – March 3, 2013.

-Skull Base Surgery Workshop for Senior Neurosurgical Residents & Head and Neck fellows. North American Skull Base Society. New Orleans, LO. July 27 - 30, 2012.

-Cleveland Spine Review Hands-On Course. Cleveland Clinic Center for Spine Health. July 11-17, 2012. Cleveland, OH.

-2nd Endoscopic Skull Base Surgery Course. The Ohio State University Comprehensive Cancer Center- James Cancer Hospital and Solove Research Institute. April 26-29, 2012. Columbus, OH, USA.

-Pre-Meeting Course Skull Base Approaches. 22nd Annual North American Skull Base Society Meeting. February 15-16, 2012. Las Vegas, NV, US.A.

-Gamma Knife Perfexion Radiosurgery Combined Training Course (Didactic and Practical). The Cleveland Clinic Gamma Knife Center. November 28 to December 2nd, 2011. Cleveland, OH, USA.

-2nd Florida Aneurysm Workshop. International Neurosurgery Education and Research Foundation (INERF) & University of Miami. November 18-20, 2011.

- 2010 Cleveland Clinic Epilepsy Symposia. Cleveland, OH. October 1-6, 2010.
- Neuroendoscopy. University at Buffalo Neurosurgery. Buffalo, NY. July 30-31, 2010.
- Skull Base Surgery Workshop for Senior Neurosurgical Residents & Head and Neck fellows. North American Skull Base Society. New Orleans, LO. July 10-12, 2010.
- Gamma Knife Training Course (Didactic Portion). The Cleveland Clinic Gamma Knife Center. January 10-11, 2008. Cleveland, OH, USA.
- 17th International Cleveland Clinic Epilepsy Symposium: Epilepsy Surgery. June 27-29, 2007. Cleveland, OH, U.S.A.
- Cleveland Spine Review Course. The Cleveland Clinic Foundation. Cleveland, OH. July 18 - 24, 2007.
- Management of Chronic Pain Workshop. Medtronic. December 16th, 2006. New Albany, OH, U.S.A.
- VNS (Vagus Nerve Stimulator) Therapy System Surgeon Training Program. Cyberonics. November 9th, 2006. Cleveland, OH., U.S.A.

ADDITIONAL CERTIFICATIONS

- 1.-Advanced Cardiac Life Support (ACLS). American Heart Association (AHA).

Training Center: Cleveland Clinic. July 24, 2012.

Training Center: Billings Clinic. July 10, 2015 (Expiration 7/2017).

- 2.-Advanced Trauma Life Support (ATLS) Course for Doctors (ATLS ID: 493418). American College of Surgeons Committee on Trauma.

Training Center: Central Ohio Trauma System (COTS), Columbus, OH. July 12-13, 2012 (Date of Expiration 7/13/2016).

- 3.-Basic Life Support (BLS) for Healthcare Providers. American Heart Association (AHA).

Life Support Education: Loma Linda. October 4, 2016 (Expiration 10/2018)

Training Center: Cleveland Clinic. July 3rd, 2012.

Training Center: Billings Clinic 8/6/2014 (Expiration 8/2016).

- 4.-ECFMG Certificate (0-629-331-0) issued August 29th, 2005.

- 5.-Certification for passing the examination for General Medicine of the National Center for Higher Education in Mexico (Registered in foja 0043, book 1).

PUBLICATIONS

- 1.- Lopez-Gonzalez, MA, Dolan E. Endodermal Cyst in Pineal region: rare location. Surg Neurol Int 06-May-2016;7:S279-S281.
- 2.-Lopez-Gonzalez MA, Dolan E. Reoperation for glossopharyngeal neuralgia. J Neurol Surg B 2014 (Suppl S2).
- 3.-Lopez-Gonzalez MA, Dolan E, Goulet C, Zimmer K. Role for surgery in brainstem metastasis. J Neurol Surg B 2014 (Suppl S2).
- 4.-Lopez-Gonzalez MA, Bland ZM, Zimmer K. Surgical management of skull base breast metastasis. J Neurol Surg B 2014 (Suppl S2).
- 5.-Lopez-Gonzalez MA, Byorth P, Zimmer K. Garcin syndrome in pituitary adenoma. J Neurol Surg B 2014 (Suppl S2).
- 6.-Lopez-Gonzalez MA, Hughes G, Rosenbaum B, Gonzalez-Martinez JA. Surgical decompression of skull base and orbital prostate metastasis. Skull Base 2012;22(Suppl 1): 58-59.
- 7.-Lopez-Gonzalez MA, Gonzalez-Martinez JA, Jehi L, Kotagal P, Bingaman W. Epilepsy surgery of the temporal lobe in pediatric population: A retrospective analysis. Neurosurgery 2012;70(3):684-92.
- 8.-Lopez-Gonzalez, MA, Riley J III, Boulis N, Burchiel K. Case Problems Solving: Lightning never strikes twice? Neurosurgery 2008;62(3):724-733.
- 9.-Revuelta-Gutiérrez R, López-González MA, Soto-Hernández JL. Trigeminal neuralgia without vascular compression: 20 years of experience. Surgical Neurology 2006;66(1):32-36.
- 10.-Sotelo J, Briceño E, López-González MA. Chloroquine as adjuvant to treatment for glioblastoma multiforme, a randomized trial. Ann Intern Med 2006; 144:337-343.
- 11.-Sotelo J, Arriada N, Lopez MA. Ventriculoperitoneal shunt of continuous flow vs valvular shunt for treatment of hydrocephalus in adults. Surg Neurol 2005;63:197-203
- 12.-Lopez-Gonzalez MA, Sotelo J. Brain tumors in Mexico: characteristics and prognosis of glioblastoma. Surg Neurol 2000;53(2):157-162.
- 13.-Izurieta-Ulloa M, Lopez-Gonzalez MA. Increased intracranial pressure and lumbar puncture. Arch Neurocién 1998;3(Suppl 1998):90-1 (Spanish).
- 14.-Lopez-Gonzalez MA, Benita-Bordes A, Izurieta-Ulloa M, Sotelo-Morales J. Preliminar analisis of a new derivation system for treatment of hydrocephalus. Arch Neurocién 1998;3(1):25-30 (Spanish).
- 15.-Santacruz-Torres A, Lopez-Gonzalez MA. Intercarotid paraganglioma (carotid body tumor). One case report and review of the literature. Rev Mex Angiol 1997;25(3):65-70 (Spanish).

16.-Lopez-Gonzalez MA, Gallardo Guzman FS, Enriquez-Bonilla A, Carreon-Gonzalez MH, Padilla-Flores NL, Martinez-Magallanes SL, Munguia-Romo JA, et al. Etiological considerations of urinary infections in Aguascalientes. Rev Med Ags 1995;2(1): 2-6 (Spanish).

Submitted Articles:

1.-Saad H, Krisht KM, Yang W, Lopez-Gonzalez M, Aboud E, Krisht AF. Biocompatible amniotic sac implant maintains a scar free brain surface during recurrent glioma surgery. Neurosurgery.

Book Chapters:

1.-Lopez-Gonzalez MA, Gonzalez-Martinez JA. Procedimientos en Cirugía de Epilepsia. In: Perez-Poveda JC, Bulacio JC, Espinoza-Garcia, E. Epilpsia en ninos. Editorial Pontificia Universidad Javeriana, Bogota 2014. p 495-505 (Spanish).

2.-Lopez-Gonzalez, MA, Dickman CA, Choudhri T, Harms J. Trauma Surgery: Occipitocervical junction. In: Benzel, E. Spine Surgery: Techniques, Complication Avoidance, and Management. Volume I, Ed 3rd. Elsevier 2012. p 601-610.

3.-Mercado-Pimentel R, Alonso-Vanegas M, Arellano-Reynoso A, Gomez-Acevedo H, Lopez-Gonzalez, MA. Estimulación cerebral profunda del globo pálido en enfermedad de Parkinson Idiopática. In: Leon-Flores LI and Cuevas-García CF. (Eds.). Enfermedad de Parkinson perspectivas actuales y futuras. Editorial P DESA 2007. p 241-6 (Spanish).

Book Chapters in Press:

1.- Lopez-Gonzalez, MA, Dickman CA, Choudhri T, Harms J. Classification and management of occipitocervical injuries. In: Benzel, E, Steinmetz, M. Benzel's Spine Surgery. Ed 4th. Elsevier 2015

421 CITATIONS BY 11/26/2016 (Available at Google Scholar):

1.- Sotelo J, Briceño E, López-González MA. Chloroquine as adjuvant to treatment for glioblastoma multiforme, a randomized trial. Ann Intern Med 2006; 144:337-343: 254 Citations.

2.- Lopez-Gonzalez MA, Sotelo J. Brain tumors in Mexico: characteristics and prognosis of glioblastoma. Surg Neurol 2000;53(2):157-162: 73 Citations.

3.- Revuelta-Gutiérrez R, López-González MA, Soto-Hernández JL. Trigeminal neuralgia without vascular compression: 20 years of experience. Surgical Neurology 2006;66(1):32-36: 54 Citations.

4.- Sotelo J, Arriada N, Lopez MA. Ventriculoperitoneal shunt of continuous flow vs valvular shunt for treatment of hydrocephalus in adults. Surg Neurol 2005;63:197-203: 18 Citations.

5.- Lopez-Gonzalez MA, Gonzalez-Martinez JA, Jehi L, Kotagal P, Bingaman W. Epilepsy surgery of the temporal lobe in pediatric population: A retrospective analysis. Neurosurgery 2012;70(3):684-92: 17 Citations.

6.- Lopez-Gonzalez, MA, Riley J III, Boulis N, Burchiel K. Case Problems Solving: Lightning never strikes twice? Neurosurgery 2008;62(3):724-733: 1 Citation.

MEETING PRESENTATIONS

1.-Garcin syndrome in pituitary adenoma. Lopez-Gonzalez MA, Byorth P, Zimmer K. European Skull Base Society Congress, June 26th-28th, 2014. Paris, France (poster).

2.-Surgical management of skull base breast metastasis. Lopez-Gonzalez MA, Bland ZM, Zimmer K. European Skull Base Society Congress, June 26th-28th, 2014. Paris, France (poster).

3.-Role for surgery in brainstem metastasis. Lopez-Gonzalez MA, Dolan E, Goulet C, Zimmer K. European Skull Base Society Congress, June 26th-28th, 2014. Paris, France (poster).

4.-Reoperation for glossopharyngeal neuralgia. Lopez-Gonzalez MA, Dolan E. European Skull Base Society Congress, June 26th-28th, 2014. Paris, France (oral).

5.-Surgical decompression of skull base and orbital prostate metastasis. Lopez-Gonzalez MA, Hughes G, Rosenbaum B, Gonzalez-Martinez JA. 22nd Annual North American Skull Base Society Meeting, Feb 17-19, 2012. Las Vegas, NV (poster).

6.-Surgical treatment of trigeminal neuralgia without vascular compression: 20 years of experience. Revuelta-Gutierrez R, Lopez-Gonzalez MA, Soto-Hernandez JL. 22nd Annual North American Skull Base Society Meeting, Feb 17-19, 2012. Las Vegas, NV (oral).

7.-Epilepsy surgery of the temporal lobe in pediatric population: A retrospective analysis. Lopez-Gonzalez MA, Gonzalez-Martinez, Kotagal P, Jehi L, Bingaman W. AANS Pediatric Neurosurgery Scientific Section, May 3rd, 2010, Philadelphia, PA (oral).

8.-Brain tumors in Mexico: characteristics and prognosis of glioblastoma. Lopez-Gonzalez, MA, Sotelo, J. CNS Annual Meeting, September 29, 2002, Philadelphia, PA (Poster).

SUBMITTED PRESENTATIONS

1.- Transorbital Doppler to assess retrograde flow in the intraorbital segment of the ophthalmic artery: a technical note. Saad H, Lopez-Gonzalez M, Yang WH, Aboud E, Basma J, Krisht A. CNS 2017.

OTHER PRESENTATIONS

--Grand Rounds. Brain Stimulation: Current applications and future prospects. Neurosurgery Department. University of California Irvine (UCI) Medical Center, Orange County, CA. December 11, 2015.

--Grand Rounds. Brain Stimulation: Current applications and future prospects. University of Washington, and Billings Clinic, Billings, MT. September 26th, 2014.

--Regional Meeting American Association of Critical-Care Nurses (AACN). Head and Spinal trauma. Billings, MT. October 11th, 2013.

--Grand Rounds. Surgery for the treatment of epilepsy. University of Washington, and Billings Clinic, Billings, MT. October 5th, 2012.

--Grand Rounds. Surgery for the treatment of epilepsy. Neurosurgery Department. Tulane University. 2011.

COURSE FACULTY

1.-Advanced Residents Course in Micro-neurosurgery. Hands-on cadaver workshop with live surgery & life-like simulation. December 5-7, 2015. Arkansas Neurosciences Institute, CHI St Vincent. Little Rock, AR.

1.-Epilepsy Surgery Review Course: Practical Course. Annual Meeting Congress of Neurological Surgeons (CNS), October 2014. Boston, MA.

2.-Cleveland Spine Review: Hand-On 2013. Guest Faculty. July 10-16, 2013. Cleveland, OH.

3.-22nd Annual North American Skull Base Society Meeting. Meeting Faculty. February 17-19, 2012.. Las Vegas, NV.

HONORS AND AWARDS

1.-Humanitarian Award. The Cleveland Clinic Foundation. Neurosurgery Residency 6/17/2011.

2.-Who's Who member since 2011.

3.-Ranking #3 in the 2006 Mexican Neurosurgery Board Examination (February 2006).

4.-2005 CANIFARMA–CONACyT Prize on Clinical Research with: "Adding chloroquine to conventional treatment for glioblastoma multiforme: a randomized, double blind, placebo-controlled trial". Shared with Julio Sotelo, M.D., and Eduardo Briceño, M.D. Mexico City, Mexico. January 26th, 2005.

5.-Honorific Mention for pre-graduate medical internship in Aguascalientes General Hospital (1997-1998 Class).

6.-Ranking #1 in the medical school at Autonomous University of Aguascalientes (1992-1999 Class).

7.-Honorific Mention for highest scholarship and grades in medical school at Autonomous University of Aguascalientes (1992-1999 Class).

MEMBERSHIPS

1.-Fellow of American College of Surgeons (FACS) (Since October, 2016).

2.-Member of North American Skull Base Society (NASBS) (since February 2016).

3.-Member FAANS. American Association of Neurological Surgeons (AANS) (since May, 2015).

4.-Member of Mexican Society of Neurological Surgeons (SMCN) (Since 2013).

5.-Member. Congress of Neurological Surgeons (CNS) (since 2012).