

## CURRICULUM VITAE MARCOS LEPE M.D.

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### EDUCATIONAL BACKGROUND

Undergraduate	<b>8/1/2001 – 7/30/2004</b>	Federal Preparatory School “Lázaro Cárdenas”, Technical degree – <i>Lab technician</i>
Medical School	<b>8/1/2004 – 7/30/2011</b>	Universidad Autónoma de Baja California (UABC) – Tijuana, B.C. México – <i>Medical Doctor</i>
Brown University Pathology Residency	<b>7/1/2014 – 6/30/2018</b>	Anatomic and Clinical Pathology
Fellowship at University of Pennsylvania	<b>7/1/2018 – 6/30/2019</b>	Cytopathology
Fellowship at University of Pennsylvania	<b>7/1/2019 – 6/30/2020</b>	<i>Chief Fellow</i> - Surgical Pathology

### CURRENT POSITION

Instructor of Pathology – Beth Israel Deaconess Medical Center – Boston, MA. **August 2020 – Present**

### PREVIOUS POSITIONS HELD

ProSciento Clinical R&D (CRO)	<b>8/1/2011 – 11/29/2011</b>	Research Assistant
Hospital Excel Tijuana Baja California México	<b>11/30/2011 – 7/31/2012</b>	Universidad Autónoma de Baja California (UABC) – Tijuana, B.C. México – <i>Medical Doctor</i>
LIMARP Surgical Center Tijuana México	<b>8/1/ 2012 – 7/31/2013</b>	Physician, social media manager
ProSciento Clinical R&D (CRO)	<b>8/1/2013 – 5/14/2014</b>	Research Assistant
Moving from San Diego/Tijuana area to Providence RI	<b>5/14/2014 – 6/30/2014</b>	

### POSTGRADUATE AWARDS

CAP Pathology Resident of the Year Award	<b>October 8<sup>th</sup> 2017</b>	
The Pathologist magazine PowerList	<b>2017</b> – Named one of the rising stars in the field of pathology <a href="https://thepathologist.com/power-list/2016/">https://thepathologist.com/power-list/2016/</a>	
Medical Social Services Year	<b>2010 – 2011</b> Researcher for Universidad Autónoma de Baja California - Winner of the national contest for a position in research (see above)	

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### ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- Nikiforova MN, **Lepe M**, Tolino LA, Miller ME, Ohori NP, Wald AI, Landau MS, Kaya C, Malapelle U, Bellecine C, Troncone G. **Thyroid cytology smear slides: An untapped resource for ThyroSeq testing.** Cancer Cytopathology. 2020 Jul 22. PMID: 32697051
- Lepe M**, Preciado C, Song SJ, Baloch ZW. **Developing an interactive and illustrative laboratory management curriculum for cytopathology trainees.** Diagnostic Cytopathology. 2020; 1– 63. PMID: 32697035
- Lepe M**, Oltulu P, Canepa M, Wu RI, Deeken A, Alex D, Dinares C, Doxtader EE, Fitzhugh VA, Gibier JB, Jain D. **#EBUSTwitter: Novel Use of Social Media for Conception, Coordination, and Completion of an International, Multicenter Pathology Study.** Archives of Pathology & Laboratory Medicine. 2019 Dec 17. PMID: 31846366
- Doxtader EE, Pijuan L, **Lepe M**, Alex D, Canepa M, Deeken AH, Gibier JB, Jain D, Janaki N, Jelinek A, Kumar S. **Displaced cartilage within lymph node parenchyma is a novel biopsy site change in resected mediastinal lymph nodes following EBUS-TBNA.** The American Journal of Surgical Pathology. 2019 Apr 1;43(4):497-503. PMID: 30475256
- Mazer BL, Fuller MY, **Lepe M**, Reyes-Múgica M, Crane GM, Mukhopadhyay S, Gardner JM. **Social Media in Pathology: Continuing a Tradition of Dialogue and Education.** Archives of pathology & laboratory medicine. 2018 Aug;142(8):889-90. PMID: 30040463
- Lepe M**, Eklund CM, Quddus MR, Paquette C. **Atypical Glandular Cells: Interobserver Variability according to Clinical Management.** Acta Cytologica. 2018 Jul 3:1-8. PMID: 29969775
- Lepe M**, Hui Y, Pisharodi L, Canepa M. **Primary diagnosis of angiosarcoma by fine needle aspiration: Lessons learned from 3 cases.** Diagnostic Cytopathology. 2017 Oct 31. PMID: 29087044
- Lepe M**, Gardner JM. **Fine social aspiration: Twitter as a voice for cytopathology.** Diagnostic Cytopathology. 2017;00:1–9. PMID: 28371545
- Lepe M**, Kalife ET, Ou J, Quddus MR, Singh K. **“Inside-Out” p120 Immunostaining Pattern in Invasive Micropapillary Carcinoma of the Breast; Additional Unequivocal Evidence of Reversed Polarity.** Histopathology. 2016 Nov 8. PMID: 27862202
- Edmund L, Rotker KL, Lakis NS, Brito JM, **Lepe M**, Lombardo KA, Renzulli JF, Matoso A. **Upgrading and Upstaging at Radical Prostatectomy in the Post-PSA Screening Era: An Effect of Delayed Diagnosis or Shift in the Patient Selection?.** Human Pathology. 2016 Oct 5. PMID: 27720731
- Lepe M**, O'Connell D, Lombardo KA, Herzlinger M, Mangray S, Resnick MB, Matoso A. **The Inflammatory Milieu of Eosinophilic Esophagitis: A Contemporary Review With Emphasis in Putative Immunohistochemistry and Serologic Markers.** Applied immunohistochemistry & molecular morphology: AIMM. 2016 Oct 31. PMID: 27801733
- Matoso A, Fabre V, Quddus MR, **Lepe M**, Lombardo KA, Manna P, Epstein JI. **Prevalence and distribution of 15 high-risk human papillomavirus types in squamous cell carcinoma of the scrotum.** Human pathology. 2016 Jul 31;53:130-6. PMID: 26980029

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Chen S, Patil PA, **Lepe M**, Lombardo KA, Amin A, Matoso A. **Retrospective Analysis of Atypical Glands Suspicious for Carcinoma in Transurethral Resection of Prostate. Applied immunohistochemistry & molecular morphology: AIMM/Official publication of the Society for Applied Immunohistochemistry.** 2016 Jun. PMID: 27299192

Cardone G., and **Lepe M.** **Meningitis in Children: Diagnosis and Treatment for the Emergency Clinician.** Clinical Pediatric Emergency Medicine 14, no. 2 (2013): 146-156

**Lepe M**, Bacardí Gascón M, Castañeda-González LM, Pérez Morales ME, Jiménez Cruz A. **Effect of maternal obesity on lactation: systematic review.** Nutr Hosp. 2011;26:1266-9 PMID: 22411371

**Lepe M**, Bacardí Gascón M, Jiménez Cruz A. **Long-term efficacy of high-protein diets: a systematic review.** Nutr Hosp. 2011;26:1256-9 PMID: 22411369

Cardone G, **Lepe M.** Tracheostomy: **Complications in Fresh Postoperative and Late Postoperative Settings.** Clinical Pediatric Emergency Medicine. 2010;11(2):122-30

### COMMITTEES AND POSITIONS

Archives of Pathology & Laboratory Medicine – **Editorial Board, Section Editor Social Media** (2016-present)

United States and Canadian Academy of Pathology – **Resident Advisory Committee** (2017-present)

United States and Canadian Academy of Pathology – **Ambassador** (2015 – 2019)

United States and Canadian Academy of Pathology – **Social Media Committee** (2016-2020)

American Society of Cytopathology – **Web Site Committee** (2016 –2018)

American Society of Cytopathology – **Social Media Committee** (2016 –present)

American Society of Cytopathology – **Foundation Board** (2018 – present)

### BOOKS AND CHAPTERS

**Lepe M**, Varon J: Hypertensive Urgencies. Principles and Practice of Hospital Medicine, Mc Graw Hill: New York, 2012.  
1<sup>st</sup> Ed. p. 2109-2114

### CASE REPORTS

Bakhit MM, **Lepe M**, Pensa E. The Sentinel Bleed. **Gastroenterology.** 2017 Dec 1;153(6):e10-1. PMID: 29127773

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### ABSTRACTS AND POSTERS

Desai D, **Lepe M**, Kim CS, Kobaly K, Baloch ZW, Mandel SJ. **MON-498 Thyroseq V3 GC for Bethesda III and IV: An Institutional Experience.** Journal of the Endocrine Society. 2020 Apr;4(Supplement\_1):MON-498. Annual Meeting of the Endocrine Society – March 28 – 31, 2020 - San Francisco, California

**Lepe M**, Kalife E, Ou J, Quddus MR, Singh K. **“Inside-Out” p120 Immunostaining Pattern in Invasive Micropapillary Carcinoma of Breast; Another Unequivocal Evidence of Reversed Polarity.** Poster Presentation United States & Canadian Academy of Pathology’s 106th Annual Meeting, March 4th – 10th, 2017 in San Antonio, TX

**Lepe M**, Eklund C, Quddus RM, Paquette C. **Papanicolaou test performance in identification of glandular lesions of the endocervix: interobserver variability in the diagnosis of atypical glandular cells (AGC).** American Society of Cytopathology's 64th Annual Scientific Meeting. New Orleans, November 4-7, 2016.

**Lepe M**, Quddus MR, Manna P, Epstein JI, Matoso A. **Prevalence, Distribution, and Viral Loads of 15 High-Risk HPV Types in Squamous Cell Carcinoma of the Scrotum.** Laboratory Investigation. 2016 Feb 1 (Vol. 96, pp. 245A-245A).

**Lepe M**, Canepa M, Aswad B, Pisharodi LR. **The Bethesda System Class III Thyroid Nodules: Follow Up Data and Conclusions Based on 13,194 Thyroid Fine Needle Aspirates.** Laboratory Investigation. 2016 Feb 1 (Vol. 96, pp. 106A-106A).

**Lepe M**, Lombardo K, Resnick MB, Matoso A. **Expression of ALOX15 in Adult Patients With Eosinophilic Inflammation of the Esophagus.** (Poster No. 23) (2015) Abstracts and Case Studies From the College of American Pathologists 2015 Annual Meeting (CAP '15). Archives of Pathology & Laboratory Medicine: October 2015, Vol. 139, No. 10, pp. e2-e186.

Arturo Jimenez-Cruz, Lidia M Castañeda Gonzalez, **Marcos Lepe-Ortiz**, Paul Morison-Portillo, Montserrat Bacardi-Gascon. **Urban development, neighborhood walkability scale and abdominal obesity (AO) in a Mexico-US border City.** Obesity. 2011 (Abstract Suppl): 721-P, S236

**Lepe Ortiz M**, Bacardi Gascon M, Castañeda Gonzalez L, Perez Morales ME, Jiménez Cruz A. **Effects of Mother’s Obesity on Lactation and Breastfeeding practices.** Obesity Reviews. 2011; 12 (Suppl 1): 77.T1:P.049

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### INVITED PRESENTATIONS

**Invited speaker at Beth Israel Deaconess Medical Center (BIDMC): “Advances in Gynecologic Pathology: lessons learned and the path beyond.”** January 10th 2020, 12:00pm – 1:00pm. Boston, Massachusetts.

**Platform Presentation. EBUSTwitter: Novel Use of Social Media for Conception, Coordination and Completion of an International, Multi-Center Pathology Study.** American Society of Cytopathology's 66th Annual Scientific Meeting. Washington, D.C. Monday, November 12<sup>th</sup>, 2018, 11:00 am - 12:00 pm

**Faculty speaker at the American Society of Clinical Pathology (ASCP) Annual Meeting: 9000-18 Social Media and Pathology: How to's and Hands-on Workshop.** Marcos Lepe, MD; Xiaoyin Jiang, MD, FASCP. Wednesday, October 03, 2018, 02:40 PM - 04:10 PM. Baltimore, MD.

Grand rounds at Rhode Island Hospital: Thursday, May 28, 2015, 4:00-5:00pm, **“Lessons Learned from Five Morphologically Challenging Bladder Cases”**

Grand rounds at Rhode Island Hospital: Thursday, July 30, 2015, 4:00-5:00pm, **“Molecular Characterization of Gastric Adenocarcinoma”**

Case presentation at The Miriam Hospital for the Rhode Island Society of Pathologists: Wednesday, Sep 3, 2015, 6:00-6:20pm, **“Case presentation: IgG4 Aortitis, an unusual presentation for IgG4-related disease”**

Grand rounds at Rhode Island Hospital: Thursday, March 24, 2016, 4:00-5:00pm, **“Non-invasive follicular thyroid neoplasm with papillary-like nuclei (NIFTP): a distinct clinicopathological entity?”**

Grand rounds at Rhode Island Hospital: Thursday, July 7, 2016, 4:00-5:00pm, **“Endobronchial ultrasound-guided fine-needle aspiration: co-evolution of pathology and technology”**

Grand rounds at Rhode Island Hospital: Thursday, November 3, 2016, 4:00-5:00pm, **“Atypical glandular cells and the Papanicolaou test”**

American Society of Cytopathology's Cell Talks. Marcos Lepe, MD; Cherie Paquette, MD. **“Thyroid FNA complications: common problems and management recommendations”**

<http://www.cytopathology.org/cell-talks/>

### QA/QC PROJECTS

Troy J. Hutchens MD, PhD; Marcos Lepe MD; Roseann I. Wu MD, MPH. **“Cell block road blocks: Factors affecting success”**