

## 2023 ASNM Elections Information Form

Name: **Ernesto Lima**

Credentials: MD, DABNM, CNIM

Position and Organization: Neurophysiologist, Neurological Monitoring Associates

Education: MD

Family practice (General Medicine) residency, 2000

National University of the Northeast, (UNNE) Corrientes, Argentina, (1997).

Professional Affiliations: ASNM member, ASET member, CSET (board of directors).

Publications, Awards & Appointments:

### **Linked Quadri-Polar MEP Stimulation for Minimizing Body Movement.**

(2016) ASET 57th Annual Conference Proceedings, The Neurodiagnostic Journal, 56:4, 313-332, DOI: 10.1080/21646821.2016.1246908

Lima, E et al.

### **SSEM (SSEP) AND TCEMEP NEUROMONITORING IN NEUROSURGERY: TECHNOLOGICAL ADVANCEMENT WITH NAVIGATION**

Ernesto Lima MD<sup>1</sup>, Srikant S Chakravarthi MD, MSc<sup>2</sup>, Bernard A Cohen PhD<sup>1</sup>, Amin B Kassam MD<sup>2</sup>, <sup>1</sup>Neurological Monitoring Associates, LLC and St. Luke's Medical Center, <sup>2</sup>Aurora Neuroscience Innovation Institute

- NASBS Abstract, platform presentation, New Orleans 2017

- ASET Platform presentation, Tucson 2017

- ASNM Abstract, poster, platform presentation, Cleveland 2017

### **LOW THRESHOLD LINKED QUADRI-POLAR (LQP)-TceMEP DURING LEFT MIDDLE CEREBRAL ARTERY ANEURYSM CLIPPING: A CASE REPORT** Ernesto

Lima MD<sup>1</sup>, Srikant S Chakravarthi MD, MSc<sup>2</sup>, Bernard A Cohen PhD<sup>1</sup>, Amin B Kassam MD<sup>2</sup>, <sup>1</sup>Neurological Monitoring Associates, LLC and St. Luke's Medical Center, <sup>2</sup>Aurora Neuroscience Innovation Institute

- ASNM Abstract, poster, platform presentation Cleveland 2017 - ASET Abstract, poster Tucson 2017

### **Linked Quadri-Polar TceMEP (LQP-TceMEP) Technique during a scoliosis procedure: a case report**

Ernesto Lima MD, DABNM, CNIM, Lisa Mueller, DPT, Bernard Cohen, PhD, FASN, FACNS, Neurological Monitoring Associates, LLC Milwaukee, WI -ASN, platform presentation Cleveland 2017

-ASET Abstract, poster Tucson 2017

### **Linked Quadri-Polar (LQP) TceMEP Technique During a Scoliosis Procedure**

Ernesto Lima MD<sup>1</sup>, DABNM, CNIM, Sumon Bhattacharjee MD<sup>2</sup>, Lisa Mueller DPT<sup>1</sup>, Bernard Cohen, PhD<sup>1</sup>, FASNМ, FACNS

Neurological Monitoring Associates, LLC, Milwaukee, Wi<sup>1</sup>, Neuroscience Group, Appleton Wi<sup>2</sup>

-CNS Electronic poster, Boston 2017

-WiSET Speaker, Milwaukee 2017

### **Transcranial Electrical Motor Evoked Potential (TceMEP) Low Threshold Comparison and Patient Movement Analysis:**

#### **Bipolar vs Linked Quadri-Polar (LQP) Stimulation,**

ASNM Annual Meeting, May 21-23, 2021

Ernesto Lima MD<sup>1</sup>, DABNM, CNIM, David W. Mcneal, PhD<sup>1</sup>, CNIM, Bernard Cohen, PhD<sup>1</sup>, FASNМ, FACNS

Neurological Monitoring Associates, LLC, Milwaukee, Wi<sup>1</sup>

### **Dynamic (Continuous) Subcortical Motor Monitoring: A Case Report**

ASNM Annual Meeting, May 21-23, 2021

Ernesto Lima MD<sup>1</sup>, DABNM, CNIM, Bernard Cohen, PhD<sup>1</sup>, FASNМ, FACNS

Neurological Monitoring Associates, LLC, Milwaukee, Wi<sup>1</sup>

### **Optimization of Transcranial Electrical Motor Evoked Potentials (TceMEP) with Total Intravenous Anesthesia (TIVA): Enhancement of Patient Outcomes with A Team Approach**

ASNM Annual Meeting, May 21-23, 2021

Ernesto Lima MD<sup>1</sup>, DABNM, CNIM, Bernard Cohen, PhD<sup>1</sup>, FASNМ, FACNS

Neurological Monitoring Associates, LLC, Milwaukee, Wi<sup>1</sup>

1. How do you feel you can contribute to the leadership of ASNM? What strengths/passions/talents do you hold that would benefit ASNM?

My greatest passion is education. For the last twenty plus years I have been gaining experience in the field of IONM and I have never stopped learning. I am committed to excellence in the field and to providing the best care possible for each patient in the OR. I strongly believe in passing along knowledge to the next generation of professionals and sharing what I've learned from knowledge gained around the world. These strengths would benefit our field.

2. With changes in health care service delivery and reimbursement, what and how do you feel you can contribute to keep ASNM moving forward in the right direction?

I believe that the best way to keep the ASNM moving forward is to highlight the importance of the DABNM, the profession that is certified by our society. We need to leverage our power into advancing the careers that we have established. We continue to

educate and support the surgeons, make contracts with hospital HR teams, and communicate directly with the patients. In addition, we continue to generate research and advance our field by creating good relationships with different societies in the field of IONM and other fields. By doing that, we can work together to increase the awareness of IONM.

3. ASNM constantly seeks ideas of how to better serve our membership through education, resources, representation to other professional entities, connections and networking or other means of advancement. What do you think ASNM could offer its members that would provide value?

I think that the ASNM could reach out more to international speakers to collaborate on IONM techniques that we are not very familiar with here in the US. As we are moving toward a more global field, we could add virtual options to the annual meetings to reach out to members and increase membership in other countries. In addition, we could add different courses with hands-on simulations of OR cases and/or techniques as well as less common template setups to advance ourselves as practitioners.

4. How do you see the role of the ASNM in advocating for the profession on intra-operative neuromonitoring?

The ASNM should create relationships not only with surgeons but with hospitals, business executives and international practitioners to advance the field of IONM. We should focus on how to decrease costs while improving the quality of care and positive outcomes. Our collective goal being to keep the ASNM a state-of-the-art education society for the next generation of practitioners.

5. Describe your academic or professional contributions to the field of intra-operative neuromonitoring (this can include publications, reviews, research contributions, creating or advancing professionalism in a service that is dedicated to intra-operative neuromonitoring, education, outreach, presentations, running or organizing meetings (in-house, local, national, international), societal contributions ...)

I really enjoy the education part of my profession; giving and preparing lectures about IONM is one of my favorite things to do. I think it is important to share what I have learned and advance the profession for those coming behind us.

I have presented for the ASNM, ASET, ACNS, CSET and CNS conferences. Internationally, I have presented in Mexico and Argentina. In addition, I am currently on the ASNM webinar committee. I also chaired the IONM portion of the CSET annual conference held in Milwaukee 2018. We learned during the pandemic that face-to-face meetings are important, and this year I enjoyed collaborating with colleagues after a meeting to create a Quick Tool video for head measurements.

6. Personal Statement: Please provide any additional information to the members.

Being part of the ASNМ Board would be an honor if I'm elected. I believe that working together as a group and with other societies around the world would be beneficial to us all. I started in the field of health care, and I believe that I'm ready for the next step in my career serving the ASNМ.

## 2023 Nominees Conflict of Interest Disclosure categories

- Disclosures
  - **Scientific advisory board:** None
  - **Scientific research:** None
  - **Speakers bureau:** None
  - **Stock holder (only if >5% in the company):** None
  - **Stock options:** None
  - **Company leadership/board of directors:** None
  - **Product Royalties:** None
  - **Travel (paid for by other than your employer):** None
  - **Society leadership and IONM related boards:** CSET board of directors
  - **Patents:** None
  - **Employed by:** Neurological Monitoring Associates