CALIFORNIA NEURODIAGNOSTIC SOCIETY
A CHAPTER OF ASET

2018
ANNUAL MEETING & COURSES

Friday - Sunday
April 27-29, 2018

Marriott Newport Beach Hotel & Spa
900 Newport Center Drive
Newport Beach, California
With Special Board Prep Courses By

Rebecca Clark-Bash,
R. EEG\EP T, CNIM, CLTM, F. ASET, F. ASNM
R. EEG T. * CLTM * CNIM * CLTM

The CALIFORNIA NEURODIAGNOSTIC SOCIETY – A CHAPTER OF ASET Annual Meeting & Courses provides comprehensive updates for the diagnostic & research practitioners in the specialties of EEG, Evoked Potentials, Intraoperative Monitoring, Ambulatory EEG & Bedside Continuous EEG Monitoring.

Experts from Neurology & Neurodiagnostic will present on the state of the science, research applications and advanced updates.

In addition, board preparation courses addressing recent changes in the exam, critical information for board prep candidates and invaluable study materials shall be provided.

Professionals practicing in the following specialties:
EEG ■ Evoked Potentials ■ Intraoperative Neurophysiologic Monitoring ■ Ambulatory EEG ■ Neurophysiologists ■ Neurosurgeons ■ Neurologists ■ Orthopedists ■ ENT Surgeons ■ Anesthesiologists ■ Nurses ■ Audiologists ■

At the completion of this symposium, participants should be able to:
- Discuss the comprehensive principles for conducting and interpreting electrophysiologic studies in EEG, cEEG, EP, & IONM.
- Identify relevant neuroanatomy and neurophysiology
- Describe the principles and methods of recording and monitoring
- Develop an understanding of the elements for clinical decision making
- Develop an understanding of the basic aspects related to the business of service delivery

Registration is available online at:
https://www.signmeup.com/123631

JOIN US FOR
RADICAL ADVANCEMENTS IN
EEG, AMBULATORY EEG
Advancements in IONM
**Course Director:**

**J Jones, R. EEG/EP T, CNIM**  
IOM Specialist-Global Monitoring Inc.  
Instructor NDT-Concorde Career College

**Friday April 27th, 2018**  
Course Director: J Jones, R. EEG/EP T, CNIM

### Comprehensive EEG Course: Basics to BOARD READY!!!

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 8:55  | Welcome & Introductions  
J Jones, R. EEG\EPT, CNIM  
Riverside, California |
| 9:00  | Instrumentation: From Digitization of Brain Activity to the Logical Use of Filters, Sensitivity, Screen Display (Paper Speed) and Montage Optimization  
J Jones, R. EEG\EPT, CNIM |
| 9:45  | Identifying & Documenting Benign Variants  
Cindy Francke Knight, R. EEG\EP T, CNIM  
Cadwell Labs, Seattle Washington |
| 10:30 | Break with Exhibitors |
| 11:00 | Normal & Abnormal EEG: From MU to Spikes  
J Jones, R. EEG\EPT, CNIM |
| 12:00 | Business Luncheon: All Invited |
| 1:30  | Activation Procedures in EEG Recording  
Rebecca Clark-Bash, R. EEG\EP T, CNIM, CLTM, F.ASET, FASNM  
Knowledge Plus, Inc., President  
Wesley Chapel, Florida |
| 2:30  | Break with Exhibitors |
| 3:00  | Artifact Recognition & Validation Techniques: Seek & Destroy  
Ashley Wilson, R. EEG\EP T, CNIM, RPSGT  
IOM Specialist, Global Monitoring, Inc.  
Beaumont, California |
| 4:00  | Pharmacology in EEG: Antiepileptic Drugs & Other Meds  
J Jones, R. EEG\EP T, CNIM  
IOM Specialist, Global Monitoring Inc.  
Riverside, California |

Sign Up NOW!  
[https://www.signmeup.com/123631](https://www.signmeup.com/123631)
Friday April 27th, 2018 Course Director: Ricardo Bravo, R. EEG\EP T, CNIM, F.WSET
Comprehensive IOM Course: Basics to BOARD READY!!

8:55 Welcome & Introductions
Ricardo Bravo, R. EEG\EP T., CNIM, F.WSET
Los Angeles, California

9:00 SSEP & EMG in The Operating Room: Method, Data Analysis, Troubleshooting & Anesthesia
Justin Silverstein, DHSc, CNIM, R. EP T, R. NCST, CNCT
CEO/Owner, Neuro Protective Solutions
New York, NY

10:30 Break with Exhibitors

11:00 Tce MEP in the Operating Room: Method, Data Analysis, Troubleshooting & Anesthesia
Ashley Wilson, R. EEG\EP T, CNIM, RPSGT
IOM Specialist, Global Monitoring, Inc.
Beaumont, California

12:00 Business Luncheon: All Invited

1:30 Cranial Nerve Monitoring in the Operating Room: Method, Data Analysis, Troubleshooting
Cindy Francke Knight, R. EEG\EP T, CNIM
Cadwell Lab

2:30 Break with Exhibitors

3:00 Brainstem Auditory Evoked Potentials in The Operating Room: Method, Data Analysis, Troubleshooting & Anesthesia
Rebecca Clark-Bash, R. EEG\EP T, CNIM, CLTM, F.ASET, FASNM
Knowledge Plus, Inc, President-Wesley Chapel, Florida

4:00 EEG in the Operating Room: Method, Data Analysis, Troubleshooting & Anesthesia
Cindy Francke Knight, R. EEG\EP T, CNIM

Sign Up NOW!
https://www.signmeup.com/123631
# Intraoperative Surgical Monitoring

**Saturday April 28, 2018**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 9:00  | Preservation of Auditory Pathways in Craniotomy: Understanding Pathways of Hearing, Mechanisms of Injury & Outcome Statistics  
**Gene Balzer, PhD, D. ABNM, F.ASNM**  
Nashville, TN |
| 9:45  | Correct & Accurate Billing in IOM: CPT Codes, ICD-10 Codes, Stark, Sunshine & SHOPPING FOR A BILLING SERVICE-TIPS & RED FLAGS  
**Sidney Haitoff**  
Practice Max, Director, Informatics  
Brewster, New York |
| 10:30 | Break with Exhibitors                                                                      |
| 11:00 | **TBA**  
**Tim Davis, M.D.**  
CEO, Alpha Diagnostics  
Santa Monica, CA |
| 12:00 | Lunch (On Your Own)                                                                        |
| 1:30  | Licensure in IOM: GET READY!  
**Cathy Boldrey, CCT, R. EEG\EP T., CNIM, CLTM, RPSGT**  
President, Neurodiagnostic TEX, Inc  
Tyler, TX |
| 2:30  | Break with Exhibitors                                                                      |
| 3:00  | Anesthetic Considerations in IOM: Contraindications, Challenges, Patient Goals & Communication Effectively with Anesthesia  
**Eric Heyer, M.D.**  
Anesthesiologist, Restore Orthopedics  
Orange, California |
| 4:00-5:00 | Two Nerve Monitoring For Expeditious Upper Extremity Position Recovery  
**Justin Silverstein, DHSc, CNIM, R. NCST., R.EPT., CNCT**  
CEO\Owner, Neuro Protective Solutions NY, NY |

**Sunday April 29, 2018**

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<tr>
<th>Time</th>
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| 9:00  | Comprehensive Spine Disease: The Path to Surgery: Options, Risks & Challenges  
**Eric Chang, M.D.**  
Restore Orthopedics  
Orange, CA |
| 9:45  | A Novel Technique for Intraoperative Detection of C5 Palsy  
**Justin Silverstein, DHSc, CNIM, R. NCST., R.EPT., CNCT**  
CEO\Owner, Neuro Protective Solutions NY, NY |
| 10:30 | Break with Exhibitors                                                                      |
| 11:00 | Neuromonitoring Experiences in Radical Robotic Prostatectomy  
**Jon Schiff, CNIM**  
President, Synaptic Resources, Inc  
Austin, Texas |
| 12:00 | Lunch (On Your Own)                                                                        |
| 1:30  | Standard of Care & Litigation  
**Rebecca Clark-Bash, R. EEG\EP T, CNIM, CLTM, F.ASET, F.ASNM**  
President, Knowledge Plus, Inc  
Wesley Chapel, FL |
| 2:30  | Break                                                                                      |
| 2:45  | Linked Quadri-Polar MEP Stimulation for Minimizing Body Movement: Regional Experience & Panel Discussion  
**All Faculty** |
<p>| 4:30  | Adjourn                                                                                   |</p>
<table>
<thead>
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<th>Time</th>
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<tbody>
<tr>
<td>9:00</td>
<td>Pediatric and Neonatal ICU cEEG: Current Trends, Outcomes, Future Direction</td>
<td>Adult ICU cEEG: Current Trends, Outcomes, Future Direction</td>
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<tr>
<td></td>
<td>Leisha Osborn, PhDc, MHA, MS, DABNM, R.EEG/EPT, CLTM, CNIM, FASET</td>
<td>Leisha Osborn, PhDc, MHA, MS, DABNM, R.EEG/EPT, CLTM, CNIM, FASET</td>
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<tr>
<td></td>
<td>Vice President, Diagnostic Services, IntraDiagnostics, LLC., Colorado Springs CO</td>
<td>Vice President, Diagnostic Services, IntraDiagnostics, LLC., Colorado Springs, CO</td>
</tr>
<tr>
<td>10:00</td>
<td><strong>A Comprehensive Approach to Preserving Skin Integrity in the Prolonged Recording of EEG</strong></td>
<td><strong>Transcranial Doppler Testing: Indications &amp; Method</strong></td>
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<tr>
<td></td>
<td>Cindy Jenkinson, R. EEG T., CLTM</td>
<td>Adam Ibrahim, R. EP T., CNIM</td>
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<td></td>
<td>Johns Hopkins All Children’s Hospital St. Petersburg, FL</td>
<td>Clinical Supervisor, Medsurant Monitoring Santa Monica, CA</td>
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<tr>
<td>11:45</td>
<td>Break with Exhibitors</td>
<td>Break with Exhibitors</td>
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<tr>
<td>11:15</td>
<td><strong>Workshop: A Comprehensive Approach to Preserving Skin Integrity in the Prolonged Recording of EEG</strong></td>
<td>Case Presentations in Prolonged Monitoring in Adult Epilepsy &amp; Critical Care</td>
</tr>
<tr>
<td></td>
<td>Cindy Jenkinson, R. EEG T., CLTM</td>
<td>Leisha Osborn, PhDc, MHA, MS, DABNM, R.EEG/EPT, CLTM, CNIM, FASET</td>
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<td>Johns Hopkins All Children’s Hospital St. Petersburg, FL</td>
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<td>12:15</td>
<td>Lunch (On Your Own)</td>
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<td>1:45</td>
<td>Correct &amp; Accurate Billing in EEG: CPT Codes, ICD-10 Codes, Stark, Sunshine &amp; CHANGES IN AMBULATORY CODING</td>
<td>Hypothermia Protocol: Method, Utility &amp; Practical Recommendations</td>
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<td>Sidney Haitoff</td>
<td>Leisha Osborn, PhDc, MHA, MS, DABNM, R.EEG/EPT, CLTM, CNIM, FASET</td>
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<td>Practice Max, Director, Informatics Brewster, New York</td>
<td>Vice President, Diagnostic Services, IntraDiagnostics, LLC., Colorado Springs, CO</td>
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<tr>
<td>2:30</td>
<td>Break with Exhibitors</td>
<td>Break</td>
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<tr>
<td>2:30</td>
<td>Neurodiagnostic Service Line Excellence: Partnerships, Staffing, Electrodes in Quality Patient Care</td>
<td>Epilepsy Surgery: Method, Data Analysis &amp; Challenges</td>
</tr>
<tr>
<td></td>
<td>Leah Hanson, R. EEG\EP T.</td>
<td>Leisha Franke Knight, R. EEG\EP T., CNIM</td>
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<td>Rhythm link International, LLC</td>
<td>Cadwell Laboratories</td>
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<td>New Glarus, WI</td>
<td>Seattle, WA</td>
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<tr>
<td>3:30-5:00</td>
<td>Periodic Patterns: Interactive Interpretation Workshop</td>
<td>Pharmacology in Neurodiagnostic: From AEDs to Meds for Co-Morbidities</td>
</tr>
<tr>
<td></td>
<td>Rebecca Clark-Bash, R. EEG\EP T., CNIM, CLTM, F.ASET, F.ASNM</td>
<td>J Jones, R. EEG\EP T., CNIM</td>
</tr>
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<td></td>
<td>Knowledge Plus Inc, Wesley Chapel, Fl</td>
<td>IOM Specialist, Global Monitoring Inc.</td>
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<td>Riverside, California</td>
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</tbody>
</table>
### Saturday Morning Workshops ~ 7:00 AM

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Description</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 - 8:00 am</td>
<td>CLTM Board Prep</td>
<td>Rebecca Clark-Bash, R. EEG\EP T., CNIM, CLTM, F.ASNM, F.ASET</td>
</tr>
<tr>
<td>7:00 – 8:00 am</td>
<td>R. EEG T.* Written Board Prep Boot Camp – One Part Exam 2018</td>
<td>Cindy Francke, R. EEG\EP T., CNIM</td>
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</tbody>
</table>

### Sunday Morning Workshops ~ 7:00 AM

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<td>7:00-8:00 am</td>
<td>CNIM* Board Prep Boot Camp</td>
<td>Rebecca Clark-Bash, R. EEG\EP T., CNIM, CLTM, F.ASNM, F.ASET</td>
</tr>
<tr>
<td>7:00-8:00 am</td>
<td>R. EP T.* Board Prep Boot Camp</td>
<td>Rebecca Clark-Bash, R. EEG\EP T., CNIM, CLTM, F.ASNM, F.ASET</td>
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</tbody>
</table>
CALIFORNIA CHAPTER OF ASET Annual Meeting & Courses

Meeting Location:
Newport Beach Marriott Hotel & Spa
CALIFORNIA CHAPTER OF ASET Hotel Rate: $169.00
900 Newport Center Dr., Newport Beach, California
Phone: 800.228.9290

Cut-Off Date for CALIFORNIA CHAPTER OF ASET Rate:
THURSDAY March 29th, 2018

Credits
ASET – The Neurodiagnostic Society has granted ASET-CEUs for this program. Such crediting, however, should not be construed by program participants as an endorsement of any type of instruments or supplies mentioned or involved in these presentations.

Registration
Registration fee includes tuition, daily continental breakfast & break refreshments. Lunch is included on Friday ONLY for the CALIFORNIA NEURODIAGNOSTIC SOCIETY – A CHAPTER OF ASET Annual Business Luncheon.

<table>
<thead>
<tr>
<th>Registration Fees</th>
<th>Course</th>
<th>CALIFORNIA CHAPTER OF ASET</th>
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<tbody>
<tr>
<td></td>
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<td>Before 4/1</td>
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<tr>
<td>INTRAOPERATIVE</td>
<td>Three Day Course</td>
<td>$ 525</td>
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<tr>
<td>NEUROPHYSIOLOGIC</td>
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<tr>
<td>MONITORING COURSE</td>
<td>Two Day Course</td>
<td>$ 425</td>
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<tr>
<td>eEEG BEDSIDE MONITORING</td>
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<tr>
<td>COURSE</td>
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<tr>
<td>SCIENTIFIC SESSION</td>
<td>FRIDAY ONLY</td>
<td>$ 195</td>
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<tr>
<td>OR EEG Course</td>
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<tr>
<td>STUDENTS*</td>
<td></td>
<td>$ 175</td>
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<tr>
<td>PRINTED HANDOUT</td>
<td></td>
<td>$ 150</td>
</tr>
<tr>
<td>SATURDAY &amp; SUNDAY WORKSHOPS</td>
<td></td>
<td>$ 99</td>
</tr>
</tbody>
</table>

*Must be a registered student of a school accredited by the Commission on Accreditation of Allied Health Education Programs
CALIFORNIA NEURODIAGNOSTIC SOCIETY-A CHAPTER OF ASET 2018 Scholarship Application

CALIFORNIA NEURODIAGNOSTIC SOCIETY-A CHAPTER OF ASET scholarships are open to any CALIFORNIA NEURODIAGNOSTIC SOCIETY member with paid full membership lasting one year or greater. Two CALIFORNIA NEURODIAGNOSTIC SOCIETY Scholarships shall be awarded annually. Scholarships shall consist of waived tuition fees for Fundamentals Courses & Advanced Courses (excluding workshops).

Name: ___________________________________________________________________________

Credentials: _____________________________________________________________________

Home Address: _________________________________________________________________

Home City, State, Zip: ___________________________________________________________

Employer: ______________________________________________________________________

Employer Address: _____________________________________________________________

Employer City, State, Zip: _______________________________________________________

Phone: _________________________________________________________________________

E-mail: _______________________________________________________________________

Alternate E-mail: __________________________________________________________________

Number of years in Electroneurodiagnostics: ___________

In 100 words or less describe the importance of this scholarship to your career and educational advancement. Attach with application.

Scan & Submit to:

CALIFORNIA ELECTRONEURODIAGNOSTIC SOCIETY
A CHAPTER OF ASET
JuliaTriano.Scholarship@yahoo.com

Applications must submit application to the above e-mail no later midnight on March 10th, 2018. Recipients and applicants shall be notified on March 15th, 2018.
Registration Online:  [https://www.signmeup.com/123631](https://www.signmeup.com/123631)

**Exhibitor Opportunities - Contact Us:**

**Interesting in Exhibiting?**
CALIFORNIA NEURODIAGNOSTIC SOCIETY – A CHAPTER OF ASET
Vendor Chair: Roberta Esfandiarfard
Phone:  (530) 409-9607
E-mail:  robertajesfandiarfard@yahoo.com
Register to Exhibit Now:  [www.signmeup.com/123632](https://www.signmeup.com/123632)

**Contact Us:**

**Questions? Contact Us:**

Website:  [https://www.californianeurodiagnosticsociety.org/](https://www.californianeurodiagnosticsociety.org/)
Surgical Monitoring
Board Prep
EEG, Bedside, LTM
Ambulatory EEG

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