2012

ANNUAL MEETING & COURSES

Wednesday – Friday
February 22-24, 2012

Renaissance Seattle
515 Madison St
Seattle ■ Washington
The WSET Annual Meeting & Courses provides comprehensive updates for the diagnostic & research practitioners in the specialties of EEG, Evoked Potentials, Intraoperative Monitoring & Sleep Medicine.

Experts from Neurology, Neurodiagnostics & Sleep Medicine 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 ■ Polysomnographers ■ 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 Polysomnography, EEG, EP, IONM & Sleep Medicine.
- 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:
www.SignMeUP.com/77592
WSET 2012 SCIENTIFIC PROGRAM

ASSET ACE CREDITS APPLIED FOR

COURSE DIRECTOR:

STEPHANIE FERRI
R. EEG\EP T.

Wednesday February 22, 2012

Course Director: Stephanie Ferri

7:50 a.m. Welcome by the WSET President
- Roberta Esfandiarfard, R. EEG T.

8:00 a.m. Brain Computer Interface
- Jeffrey G. Ojemann, M.D.

9:00 a.m. Current Practice in Neonatal EEG & Amplitude Integrated EEG
- John Kuratani, M.D.

10:00 a.m. Break with Exhibitors

10:30 a.m. Dravet’s Syndrome-Current Research
- Russell Saneto, M.D.

11:15 a.m. Spike & Seizure Detection & Computerization in EEG
- Russell Saneto, M.D.

12:15 a.m. WSET Annual Business Luncheon

1:45 p.m. ABI
- Jay T. Rubinstein, M.D., Ph.D.

2:30 p.m. Cortical Stimulators & Mapping of the Corticospinal Tract
- Jehuda Sepkuty, M.D.

3:15 p.m. Break with Exhibitors

3:30 p.m. Autonomic Testing
- Dinah Thyerlie, M.D.

4:30 p.m. ABRET Credentialing Update
- Marjorie Tucker, ABRET President.

5:00 p.m. Adjourn

Evening Workshops Wednesday - See Workshop Schedule Page 7

Exhibit Hall Cocktail Reception
5:30 p.m. – 6:30 p.m.
Wednesday Evening

Please Join Us This First Night in the Emerald City - Seattle!
### Thursday February 23, 2012

**8:00** Establishing a Standard of Care for Anesthesia: Neuromonitoring Considerations, Conflicts & Compromise  
Arthur M. Lam, MD, FRCP

**9:00** Surgical Anatomy of the Base of the Skull & How It Relates to Intraoperative Monitoring: The Neurosurgeons Perspective  
Marc R. Mayberg, MD  
Executive Director, Swedish Neuroscience Institute

**10:00** Break with Exhibitors

**10:30** MEPS-Beyond Spine: Application in Open Craniotomy  
Ryan Lau, MS, CNIM, CLTM

**11:15** Intraoperative TCD: Practical Recommendations & Protocols  
Colleen Douville, RVT

**12:00** Lunch (on your own)

**1:30** Cortex Mapping: Navigating the Eloquent Cortex  
Jehuda Septkuty, MD

**2:30** Vascular Surgical Monitoring: Carotid Endarterectomy & Intracranial Aneurysm  
Cindy Franke, R EEG\EP T, CNIM

**3:00** IONM Lab Accreditation & Joint Commission Readiness  
Rebecca Clark-Bash, R. EEG\EP T., CNIM, CLTM, F.ACSN, F.ASNM

**4:00** Adjourn

### Friday February 24, 2012

**8:00** Transcranial Motor Evoked Potentials: Method, Alarm Criteria & Challenge – A Comprehensive Update  
Jefferson Slimp, PhD

**9:00** Pre-Surgical Assessment & Compliance in Spine Surgery: The Motor Exam & Beyond  
Ryan Lau, MS, CNIM, CLTM

**10:00** Break with Exhibitors

**10:30** Documentation in Intraoperative Monitoring: A Concise Guide  
Rebecca Clark-Bash, R EEG\EP T, CNIM, CLTM, F.ASNM, F.ACSN

**11:00** Case Studies in Complex Spine:  
Cindy Franke, R EEG\EP T, CNIM

**12:00** Lunch (On Your Own)

**1:30** Thoraco-Abdominal Aortic Surgery: The Multi-Modality Approach

**2:30** Break with Exhibitors

**3:00** Cranial Nerve Function: Comprehensive Neuromonitoring & Preservation  
Ken Klettke, CNIM

**4:00** Patient Risk and Injury: Electrodes & Electrical Consideration  
Brett Netherton, CNIM, MS

**5:00** Adjourn

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**EVENING & MORNING IOM WORKSHOPS WEDNESDAY ~ FRIDAY**  
**SEE WORKSHOP SCHEDULE PAGE 7**
## EEG, ICU & LTM: Course One

### Thursday February 23, 2012

#### Comprehensive EEG

- **8:00** Instrumentation & Digitization: A-D Conversion & Filtering  
  - Brett Netherton, CNIM, MS
- **9:00** Normal EEG: Pattern Recognition  
  - Cindy Franke, R EEG\EP T, CNIM
- **10:00** Break with Exhibitors
- **10:30** Artifact Identification & Troubleshooting  
  - Debra Rollevson, R. EEG\EP .,CNIM
- **11:15** Benign Variants: Epileptiform Appearance Without Clinical Significance  
  - Leah Hanson, R. EEG\EP T.
- **12:00** Lunch (on your own)
- **1:30** Advances in EEG Activation Procedures in the Clinical EEG Lab & in The LTME Environment  
  - Mechelle Vance, R. EEG\EP T, CNIM, CLTM
- **2:30** Break with Exhibitors
- **3:00** Abnormal EEG: Pattern Recognition & Clinical Correlates  
  - Paul Thompson, R. EEG T.
- **4:00** The Math of EEG: Calculating Paper Speed, Amplitude, Duration, Sensitivity, Spike & Sharp Wave Definition & Identification  
  - Patti Baumgartner, R. EEG\EP T.
- **5:00** Adjourn

#### Bedside EEG & Epilepsy Monitoring

- **8:00** Staffing Challenges in the Long Term & Bedside EEG Environment: Practical Solutions & Recommendations  
  - Leah Hanson, R. EEG\EP T.
- **9:00** Case Studies in Long Term Monitoring of Epilepsy & Bedside EEG: A Technologists Perspective  
  - Ryan Lau, R. EEG\EP T., CNIM, CLTM
- **10:00** Break with Exhibitors
- **10:30** Management of the Patient’s Head: Wound Prevention, MRI Compatibility & Infectious Precaution in LTM Environment  
  - Leah Hanson, R. EEG\EP T.
- **11:15** Case Studies in Long Term Monitoring of Epilepsy & Bedside EEG: A Physicians Perspective  
  - Ryder Gwinn, MD
- **12:00** Lunch (On Your Own)
- **1:30** Treatments in the Care of Pediatric Epilepsy: AEDs, Vagal Nerve Stimulator, Ketogenic Diet & Epilepsy Surgery  
  - Noel Baker, MD  
  - Pediatric Neurology, Swedish Medical Center
- **2:30** Break with Exhibitors
- **3:00** Nonconvulsive Status Epilepticus in Acute Brain Injury  
  - Ken Jordan, MD  
  - Jordan Neuroscience
- **4:00** Ancillary Testing in the Neuro Intensive Care Environment: CT, MRI, FMRI, PET, SPECT  
  - Bart Keogh, MD, PhD  
  - Neuroradiology, Swedish Medical Center
- **5:00** Adjourn

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**Evening & Morning EEG Workshops Wednesday ~ Friday**  
**See Workshop Schedule Page 7**
# POLYSOMNOGRAPHY

## Course Director:

**Patrick Sorenson, MA, RPSGT**

### Thursday February 23, 2012

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>Naturopathic Treatment of Sleep Disorders in the Adult &amp; Pediatric Population</td>
<td>Catherine Darley, ND</td>
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<tr>
<td></td>
<td>The Institute of Naturopathic Sleep Medicine</td>
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<tr>
<td>9:00</td>
<td>Predicting and Improving CPAP Adherence &amp; PAP Compliance Programs</td>
<td>Angela Tejeda, RPSGT</td>
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<tr>
<td>10:00</td>
<td>Break with Exhibitors</td>
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<tr>
<td>10:30</td>
<td>Portable Monitor Testing: Ready or Not Here It Comes</td>
<td>Mary Kay Hobby, RPSGT, RRT</td>
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<tr>
<td>11:15</td>
<td>Sleep Terrors &amp; Polysomnography: A Video Assessment</td>
<td>Patrick Sorenson, RPSGT, MS</td>
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<tr>
<td>12:00</td>
<td>Lunch (on your own)</td>
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<tr>
<td>1:30</td>
<td>Post Traumatic Stress Syndrome &amp; Impact on Sleep</td>
<td>Mary Kay Hobby, RPGST, RRT</td>
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<td>2:30</td>
<td>Break with Exhibitors</td>
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<tr>
<td>3:00</td>
<td>Seizures &amp; Sleep: Detecting to Differentiating</td>
<td>Rebecca Clark-Bash, R. EEG\EP T., CNIM, CLTM, F.ASNM, F.ACSN</td>
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<tr>
<td>4:00</td>
<td>Circadian Rhythms &amp; Actigraphy</td>
<td>Mary Kay Hobby, RPSGT, RRT</td>
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<td>5:00</td>
<td>Adjourn</td>
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<th>Time</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Parasomnia Case Studies</td>
<td>Patrick Sorenson, RPSGT, MS</td>
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<tr>
<td>9:00</td>
<td>Oral Appliances in Sleep Medicine</td>
<td>Mary Kay Hobby, RPSGT, RRT</td>
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<tr>
<td>10:00</td>
<td>Break with Exhibitors</td>
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<tr>
<td>10:30</td>
<td>When Does a Child Become an Adult? How to Apply the AASM Scoring Rules in Adolescents</td>
<td>Patrick Sorenson, RPSGT, MS</td>
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<tr>
<td>11:15</td>
<td>Sleep Credentials: BRPT &amp; the NEW AASM Board Exam-What Does it Mean to YOU</td>
<td>Rebecca Clark-Bash, R EEG\EP T., CNIM, CLTM, F.ASNM, F. ACSN</td>
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<tr>
<td>12:00</td>
<td>Lunch (On Your Own)</td>
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<tr>
<td>1:30</td>
<td>The Impact of Health Care Reform on Physicians, Group Practices &amp; Hospital-Physician Arrangements</td>
<td>Jayme R. Matchinski, Attny</td>
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<tr>
<td>2:30</td>
<td>Break with Exhibitors</td>
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<tr>
<td>3:00</td>
<td>Developing a Compliance Plan for Your Sleep Lab</td>
<td>Jayme R. Matchinski, Attny</td>
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<td>4:00</td>
<td>Changes in Sleep Medicine: Panal Presentation</td>
<td>All Faculty</td>
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<td>5:00</td>
<td>Adjourn</td>
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**Evening & Morning Sleep Workshops Wednesday ~ Friday
See Workshop Schedule Page 7**
### WORKSHOPS

**Wednesday Evening ~ 6:30 PM**

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<th>Concurrent Focus Sessions</th>
<th>Faculty</th>
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<tbody>
<tr>
<td>6:30-8:00 pm IOM</td>
<td><strong>CPT Coding &amp; Billing in Intraoperative Monitoring</strong></td>
</tr>
<tr>
<td>6:30-8:00 pm EEG</td>
<td><strong>Bedside ICU EEG Monitoring: How To Design &amp; Develop A New Service</strong></td>
</tr>
<tr>
<td>6:30-8:00 pm SLEEP</td>
<td><strong>Sleep Medicine: The New Technologist Exam, New Societies-An Update</strong></td>
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**Workshops: Thursday Morning ~ 7:00 AM**

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<thead>
<tr>
<th>Concurrent Focus Sessions</th>
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<tbody>
<tr>
<td>7:00 – 7:50 am</td>
<td><em><em>CLTM</em> Board Prep Boot Camp</em>*</td>
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**Workshops: Friday Morning ~ 7:00 AM**

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<th>Concurrent Focus Sessions</th>
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<tr>
<td>7:00 – 7:55 am EEG</td>
<td><em><em>R. EEG T.</em> Board Prep Boot Camp</em>*</td>
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<tr>
<td>7:00 – 7:55 am IOM</td>
<td><em><em>CNIM</em> Board Prep Boot Camp</em>*</td>
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<tr>
<td>7:00 – 7:55 am SLEEP</td>
<td><em><em>RPSGT</em> Board Prep Boot Camp</em>*</td>
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WSET Annual Meeting & Courses

Meeting Location:
Renaissance Seattle Hotel
515 Madison Street, Seattle, Washington
Phone: 800.266.9432

WSET Hotel Rate: $135
Cut-Off Date For WSET Rate: January 21st

Credits

"The American Society of Electroneurodiagnostic Technologists has granted ASET Continuing Education [ACE] credits 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.

AAST CEC

The American Association of Sleep Technologists designates this educational activity for a maximum of 14 AAST Continuing Education Credits. Individuals should claim only those credits that he/she actually earned in the educational activity.

Registration

Registration fee includes tuition, daily continental breakfast & break refreshments. Lunch is included on Wednesday ONLY for the WSET Annual Business Luncheon.

<table>
<thead>
<tr>
<th>Registration Fees</th>
<th>Course</th>
<th>Before Feb 1st</th>
<th>After Feb 1st</th>
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<tr>
<td>WSET, ACSN, BCSET Members</td>
<td>Three Day Course</td>
<td>$325</td>
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<td>Scientific Session Only</td>
<td>$125</td>
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<td>Two Day Courses Only</td>
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<td>NON-MEMBERS</td>
<td>Three Day Course</td>
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<td>STUDENTS</td>
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<td>PRINTED HANDOUT</td>
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<td>BREAKFAST WORKSHOPS</td>
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<td>EVENING WORKSHOPS</td>
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<tr>
<td>THURSDAY EVENING SOCIAL</td>
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Registration Online: [www.SignMeUP.com/77592](http://www.SignMeUP.com/77592)

Exhibitor Opportunities - Contact Us:

Interested in Exhibiting? WSET Vendor Chair
Stephanie Tadlock: 949.395.2365 Email: WSETVendor@yahoo.com
Register to Exhibit Now: [www.signmeup.com/77559](http://www.signmeup.com/77559)

Contact Us:
“The Emerald City”
Lake Washington Dinner Reception

Thursday Evening $ 20
February 23rd, 2012
5:30 – 8:30 pm
Waterways Cruises
The ship will not leave dock.
You are welcome to arrive & depart at your leisure.

Surgical Monitoring
EEG, Bedside, LTM
Polysomnography

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ANNUAL MEETING & COURSES

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