## ESSENTIALS OF NEUROCRITICAL CARE
### TRANSLATING RESEARCH TO CLINICAL PRACTICE

**May 30 & 31, 2017**

### DAY 1 - Tuesday, May 30, 2017

**7:00 am** Registration

**7:30 am** Welcome and Pre-Test (5 questions on topics discussed)

**8:00 am** **KEYNOTE SPEAKER**  
Update in Management of Traumatic Brain Injury  
Lori Shutter, MD, FCCM, FNCS  
Professor of Critical Care Medicine, Neurology, Neurosurgery, and  
Clinical and Translational Science  
University of Pittsburgh School of Medicine, Pittsburgh PA

**CONCURRENT SESSIONS (45 minutes per session)**

| 9:00 am to 10:30 am |  
|---------------------|---
| **SESSION A** | **SESSION B** |
| SUBARACHNOID HEMORRHAGE | SPINAL CORD INJURY/OSMOTHERAPY |
| Overview and Medical Management  
Michel Torbey, MD, MPH, FNCS | Spinal Cord Injury  
Stephanus Viljoen, MD |
| Surgical Management of SAH  
Patrick Youssef, MD | Osmotherapy in Neuro ICU  
Keaton Smetana, PharmD, BCCCP |

| 10:30 am | BREAK |

| 10:45 am to 12:15 pm |  
|---------------------|---
| **SESSION A** | **SESSION B** |
| INTRACEREBRAL HEMORRHAGE | CENTRAL NERVOUS SYSTEM INFECTIONS |
| Management of ICH  
Vivien Lee, MD | Meningitis, Encephalitis, Spinal Cord Infections  
Mark Lustberg, MD |
| Reversal of Antithrombotics:  
Anticoagulant and Antiplatelet Agents  
Diana Greene-Chandos, MD | Management of CNS Infections with a focus on Intraventricular Antimicrobials  
John J. Lewin III, PharmD, MBA, BCCCP  
Johns Hopkins University School of Medicine, Baltimore, MD |
### POSTERS CATEGORIES

- **Educational posters:** Various ICU devices including MMM and cooling devices
- **Research Posters:** Participants will be permitted to present posters submitted to prior conferences
- **Clinical:** Case reports/series

**Winner of poster category will be awarded registration to a National conference of their choice (up to $500)**

### 1:30 pm to 3:00 pm

<table>
<thead>
<tr>
<th>SESSION A</th>
<th>SESSION B</th>
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<tbody>
<tr>
<td><strong>MECHANICAL VENTILATION/SEDATION</strong></td>
<td><strong>NEURO REHABILITATION</strong></td>
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| Ventilator Management/Sedation in the Neuro ICU  
*Yousef Hannawi, MD*  
*Tim F. Dunlea, RRT, RCP* | Knowledge Translation: Early Mobilization of Patients in the Neuro ICU  
*Amelia Siles, PT, DPT, NCS*  
*Kevin Patterson, PT, MS*  
*Sarah Shatto, MS, OTR/L*  
*Michele L. Weber, DNP, RN, CCRN* |
| Timing of Tracheostomy in ICU  
*Bryan Gough MD* | The Role of Speech Language Pathology in Neurocritical Care  
*Nicole Wiksten, MS, CCC-SLP, BCS-S*  
*Terri Mavrakis, MA, CCC-SLP* |

### 3:00 pm

**BREAK**

### 3:15 pm to 4:45 pm

<table>
<thead>
<tr>
<th>SESSION A</th>
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<tbody>
<tr>
<td><strong>CNS TUMORS/PAIN MANAGEMENT</strong></td>
<td><strong>ROLE OF PALLIATIVE CARE IN NEURO ICU/ORGAN DONATION</strong></td>
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</table>
| Postoperative Critical Care for Brain Tumor Patients  
*Douglas A. Hardesty, MD* | Palliative Care Management  
*Sarah Everhart, MS, RN, ACNP-BC* |
| Neuroimaging  
*Joel Fritz, MD* | Eligibility and Timing of Organ Donation  
*Mindy Zoll, RN, CPTC* |
| Management of Post-Operative Pain  
*Shraddha Mainali, MD* | |

### 4:45 pm to 5:00 pm

**POST TEST**
DAY 2 - Wednesday, May 31, 2017

7:00 am  Registration

7:30 am  Welcome and Pretest (5 questions on the topics discussed)

8:00 am  KEYNOTE SPEAKER
Thromboelastography and Its Impact in the Neuro ICU
Mary Kay Bader, RN, MSN, CCNS
Clinical Nurse Specialist, Neuroscience/Critical Care
Mission Hospital, Mission Viejo, California

8:45 am  Neuroimaging: Case Reviews and Recognition of Common Imaging Findings in Neurocritical Care Patients
Daniel Boulter, MD

9:45 am  Acute Ischemic Stroke: Role of Interventional Therapy
Shahid Nimjee, MD

10:30 am  BREAK

10:45 am  Common ICU Drugs and Risk of Seizures
Sarah Adriance, PharmD, BCPS

11:30 am  Status Epilepticus and Discussion of Refractory Status Epilepticus
William Bell, MD

12:15 pm  POST TEST

12:30 pm  LUNCH BREAK

1:00pm to 4:00pm  CONCURRENT SESSION WORKSHOPS
Continuous 30 minute simulation sessions.
Attendees will be grouped into 5-10 participants per group and rotate through various stations

<p>| Acute stroke: Large Hemispheric and Basilar Stroke Simulation | Directed by Vivien Lee, MD |
| Neuro Imaging: Basics of CT/CTP/CTA and MRI | Directed by Deepak Gulati, MD |
| Management of Acute ICP Crisis | Directed by Yousef Hannawi, MD |
| Interpretation of EEG in the Neuro ICU | Directed by William Bell, MD and Jesse Mindel, MD |
| Ultrasound Part I (Focus on ED ultrasound) | Directed by Michael I Prats, MD and Creagh Boulger, MD |
| Ultrasound Part II (Focus on ICU ultrasound) | Directed by John Bennett, PhD, RVT, FICA |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>1:00 pm</td>
<td>Airway Ventilation Sedation</td>
<td>Michel Torbey, MD, MPH, FNCS</td>
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<tr>
<td>1:30 pm</td>
<td>Intracranial Hypertension</td>
<td>Diana Green-Chandos, MD</td>
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<td>2:00 pm</td>
<td><strong>BREAK</strong></td>
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<td>2:15 pm</td>
<td>Resuscitation After Cardiac Arrest</td>
<td>Noah Grose, BSN, MSN, ACNP-BC</td>
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<tr>
<td>2:45 pm</td>
<td>Acute Ischemic Stroke</td>
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<td>3:15 pm</td>
<td><strong>BREAK</strong></td>
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<td>3:30 pm</td>
<td>Spinal Cord Compression</td>
<td>Susan Yeager ACNP-BC, CCRN, FNCS</td>
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<td>4:00 pm</td>
<td>Acute Non-Traumatic Weakness</td>
<td>Susan Yeager ACNP-BC, CCRN, FNCS</td>
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<td>4:30 pm</td>
<td>Meningitis/Encephalitis/Pharmacology</td>
<td>Archana Hinduja, MD</td>
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<td>5:00 pm</td>
<td>Approach to the Comatose Patient</td>
<td>Archana Hinduja, MD</td>
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<td>5:30 pm</td>
<td>How To Take Exam/Distribution of Codes</td>
<td>Susan Yeager ACNP-BC, CCRN, FNCS</td>
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<td>5:45 pm</td>
<td><strong>POST TEST AND EVALUATIONS</strong></td>
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<td>6:00 pm</td>
<td><strong>ADJOURN</strong></td>
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