<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Faculty</th>
<th>Description</th>
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<tbody>
<tr>
<td>PD 61 - 24</td>
<td>Critical Care Review</td>
<td>Medical Ethics/First Responders - David H. Beyda, MD and Steven M. Selbst, MD</td>
<td>Discuss the implications of the technological imperative as it relates to medical practice in the ICU; Define the roles of the PCP in the ICU setting; Review Good Samaritan laws and describe their limitations; List the types of in-flight emergencies most often encountered; Evaluate and treat a patient experiencing an in-flight emergency.</td>
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<tr>
<td>GS 62 - 13</td>
<td>Critical Care Review</td>
<td>Topics in Trauma Surgery - Todd E. Rasmussen, MD, Richard A. Sidwell, MD, David H. Wisner, MD, and Russell W. Sawyer, MD</td>
<td>Outline the principles of endovascular access and the use of endovascular tools; Decide whether to transfer a patient with a ruptured abdominal aortic aneurysm; Choose appropriate techniques to manage complicated acute cholecystectomy; List indications for laparoscopy in patients with traumatic injuries; Cite appropriate uses of minimally invasive techniques for orthopedic and neurosurgical trauma. QUALIFIES FOR TRAUMA</td>
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<td>AN 57 - 31</td>
<td>Critical Care Review</td>
<td>Blast Injuries/ Multisystem Trauma - Joe C. Hong, MD and Myles D. Boone, MD</td>
<td>Explain the mechanisms of blast injuries; Formulate treatment strategies for management of blast lung injury; Follow guidelines for prehospital and hospital triage after events resulting in mass casualties; Recognize the relationship between adult respiratory distress syndrome and traumatic brain injury; Appropriately titrate positive end-expiratory pressure and fraction of inspired oxygen (FiO2) in patients with neurologic injury. QUALIFIES FOR TRAUMA</td>
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<tr>
<td>CA 04 - 17</td>
<td>Critical Care Review</td>
<td>Neurocritical Care: Part 1 - Jose I. Suarez, MD, FNCS, FANA, Andrew M. Naidech, MD, MSPH, FANA, and Sara E. Hocker, MD</td>
<td>Diagnose neurologic complications of subarachnoid hemorrhage; Manage blood pressure in a patient with intracerebral hemorrhage; Recognize and manage surgical emergencies in patients with intracerebral hemorrhage; Create an algorithm for diagnosis and treatment of patients with status epilepticus.</td>
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<tr>
<td>AN 62 - 17</td>
<td>Critical Care Review</td>
<td>Mothers and Children - Stefan W. Leichtle, MD and Ali Salim, MD and Jonathan I. Groner, MD</td>
<td>Diagnose and treat appendicitis in pregnant patients; Explain anatomic and physiologic changes during pregnancy; Choose appropriate methods of imaging and monitoring in pregnant patients with blunt and penetrating trauma; Select the appropriate treatment strategy for children with injuries to the spleen and liver; Recommend the appropriate treatment strategy for children with pancreatic injuries.</td>
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<tr>
<td>CA 04 - 18</td>
<td>Critical Care Review</td>
<td>Neurocritical Care: Part 2 - Kevin N. Sheth, MD, FAHA, FCCM, FNCS, David M. Greer MD, MA, FCCM, FAHA, FNCS, FAAN, FANA, Alejandro A. Rabinstein, MD</td>
<td>Diagnose and manage malignant infarction; Discuss the prognosis of a patient with malignant infarction with the family and other members of the medical team; Review and critique methods for assessing prognosis in patients with postanoxic encephalopathy; Define circulatory death; Follow protocols for organ donation after circulatory death.</td>
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</tbody>
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Critical Care Review

**Price:**
Full - $540 / Short - $445

**Register:**
(866) 611-5599 or www.AmericanSeminar.com

*Special Association accreditation may vary. See website.*

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**Neurocritical Care: Part 3 - Alejandro A. Rabinstein, MD, FAAN, G. B. Young, MD, FRCP, and Eelco F. M. Wijdicks, MD, PhD, FAAN**
Recognize signs of impending respiratory failure in patients with acute neuromuscular disease; Determine whether mechanical ventilation using bilevel positive airway pressure is appropriate for a patient with respiratory failure due to neuromuscular diseases; Assess whether a patient is in a vegetative state; Diagnose brain death.

**CA** 04 - 19

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**Neurocritical Care: Part 4 - Jennifer E. Fugate, DO, W. David Freeman, MD, and Jessica D. Lee, MD, FAAN**
Recognize and manage complications in neurosurgical patients; Explain the relationships between intracranial pressure (ICP), cerebral perfusion pressure, intracranial volume, and vascular resistance; Describe early and late signs of increased ICP; Plan the integration of advanced practice providers into a neurocritical care unit.

**CA** 04 - 20

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**Trauma/Effects of Mild Hypoxia/ECMO - Douglas F. Naylor Jr, MD, Cindy V. Leiton, PhD and Lavinia M. Kolarczyk, MD**
Assess and manage patients presenting with acute trauma; Evaluate and treat patients suffering from burn injuries; Describe the likely role of hypoxia-inducible factors in cognitive dysfunction; Incorporate extracorporeal membrane oxygenation (ECMO) into advanced cardiac life support protocols for refractory cardiac arrest; Apply considerations of ethics and medical futility when making decisions on whether to perform ECMO.

**AN** 57 - 40

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**Emergencies/ Enhanced Recovery After Surgery - Marjorie Podraza Stiegler, MD and Michael J. Scott, MD**
Anticipate and manage emergencies in the operating room; Explain the principles of appropriate communication during an emergency; Identify the elements of ERAS; Discuss effects of ERAS on length of hospital stay and rates of complications; Evaluate the effect of the ERAS pathway on survival following surgery for colorectal cancer and outcomes in emergency abdominal surgery.

**AN** 57 - 41