COURSE HIGHLIGHTS

- Combines lectures and hands-on workshops from multidisciplinary faculty.
- Faculty is comprised of critical care nurse practitioners, physician assistants, physicians, nutritionists and pharmacists.
- Basic concepts will be reinforced and up-to-date, evidence-based diagnostic and treatment strategies will be presented regarding the management of commonly and uncommonly encountered diagnoses in the ICU.
- Day 1 features lectures on sepsis, respiratory failure, pharmacology and more.
- Day 2 features hands-on sessions for both introductory and advanced concepts in ultrasound, airway management and bedside procedures necessary for ICU daily practice.

TARGET AUDIENCE

Nurse practitioners, physician assistants, hospital and intensive care physicians and residents, registered nurses, allied health professionals, respiratory therapists, NP and PA students in acute care.

LEARNING OBJECTIVES

Upon conclusion of this program, participants should be able to:

- Define common organ failure syndromes in the critically ill, such as respiratory failure, shock and sepsis
- Practice evidence-based strategies for management of complex patients with multiorgan system dysfunction
- Classify and intervene on a variety of commonly seen neurologic emergencies
- Develop skills in ultrasonographic image acquisition and interpretation, basic and advance airway management, vascular access and other common procedures in critical care

COURSE DIRECTORS

Philip E. Lowman, MD
Sarah H. Peacock, ACNP
Christian D. Santos, FNP-BC

ONLINE REGISTRATION

http://CE.MAYO.EDU/CriticalCARENPPA2019

REGISTRATION FEE

<table>
<thead>
<tr>
<th>Registration Discount</th>
<th>On or Before Mar. 12</th>
<th>After Mar. 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day 1: Lecture Only</td>
<td>$300</td>
<td>$375</td>
</tr>
<tr>
<td>Day 2: Hands-On Workshops</td>
<td>$250</td>
<td>$325</td>
</tr>
<tr>
<td>Both Days: (Enter coupon code 2D19J06368 at checkout to receive discount – $50 off)</td>
<td></td>
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</tr>
<tr>
<td>Student Discount: (Visit course website for more information – $50 off)</td>
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</tbody>
</table>

### PROGRAM AT-A-GLANCE

#### DAY ONE – APRIL 12, 2019 – DIDACTICS

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00–8:45 a.m.</td>
<td>Sepsis and Septic Shock*</td>
</tr>
<tr>
<td>8:45–9:30 a.m.</td>
<td>Antibiotics: Review for the ICU*</td>
</tr>
<tr>
<td>9:30–10:15 a.m.</td>
<td>Ventilation Strategies: Noninvasive vs Invasive</td>
</tr>
<tr>
<td>10:30–11:15 a.m.</td>
<td>ARDS Rescue Strategies</td>
</tr>
<tr>
<td>11:15 a.m. –12:00 p.m.</td>
<td>Nutrition</td>
</tr>
<tr>
<td>1:00–1:45 p.m.</td>
<td>Acute GI Bleed*</td>
</tr>
<tr>
<td>1:45–2:30 p.m.</td>
<td>Acid-Base Balance</td>
</tr>
<tr>
<td>2:45–3:30 p.m.</td>
<td>Neuro Emergencies (Seizure, ICH, SAH)*</td>
</tr>
<tr>
<td>3:30–4:15 p.m.</td>
<td>Sedation, Analgesia, and Delirium*</td>
</tr>
<tr>
<td>4:15–5:00 p.m.</td>
<td>Palliative Care in the ICU</td>
</tr>
</tbody>
</table>

**PHARMACOLOGY CONTENT – DAY 1**

*Select presentations will contain pharmacology content as noted in the program. Identified presentations represent approximately 3.75 hours of pharmacology content for day 1.

#### DAY TWO – APRIL 13, 2019 – DIDACTICS AND HANDS ON WORKSHOPS

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00–8:45 a.m.</td>
<td>Ultrasound in the ICU</td>
</tr>
<tr>
<td>8:45–9:15 a.m.</td>
<td>Rapid Sequence Intubation*</td>
</tr>
<tr>
<td>9:30 a.m.–12:30 p.m.</td>
<td>Rotating Ultrasound Stations Cardiac 2 View / FAST / Cardiac 2 View / Optic Nerve &amp; Lung</td>
</tr>
<tr>
<td>1:30–4:30 p.m.</td>
<td>Rotating ICU Procedures Skill Stations Intubation / Arterial Line and Peripheral IV Placement / Central Venous Catheter / Paracentesis and Thoracentesis</td>
</tr>
</tbody>
</table>

**PHARMACOLOGY CONTENT – DAY 2**

*Select presentations will contain pharmacology content as noted in the program. Identified presentations represent approximately 0.5 hours of pharmacology content for day 2.

### ABSTRACTS

See [ce.mayo.edu/criticalcarenppa2019](ce.mayo.edu/criticalcarenppa2019) for more information.

### CANCELLATION POLICY

Please visit [ce.mayo.edu/cancellation](ce.mayo.edu/cancellation) for more information.

### CREDIT

In support of improving patient care, Mayo Clinic College of Medicine and Science is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC) to provide continuing education for the healthcare team.

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**ANCC**

Mayo Clinic College of Medicine and Science designates this live activity for a maximum of 17.25 ANCC nursing contact hours. Nurses should claim only the credit commensurate with the extent of their participation in the activity.
Mayo Clinic
CRITICAL CARE REVIEW for the Nurse Practitioner and Physician Assistant

MAYO CLINIC KINNE AUDITORIUM
JACKSONVILLE, FLORIDA / APRIL 12–13, 2019

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