Activity Description
Mayo Clinic’s Critical Care Online: A Review for Nurse Practitioners and Physician Assistants CME is designed for Advanced Practice Providers working with critically ill adult patients. Evidence-based diagnostic and treatment strategies will be presented regarding the management of commonly and uncommonly encountered diagnoses in the ICU.

Target Audience
This online course is intended for Nurse practitioners, Physician Assistants, Hospital and Intensive Care Physicians and Residents, Registered Nurses, Allied Health Professionals, Respiratory Therapists, NP/PA students in acute care.

Learning Objectives
Upon conclusion of this activity, 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 multigorgan system dysfunction
• Classify and intervene on a variety of commonly seen neurologic emergencies

Attendance at this Mayo Clinic course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Accreditation Statement
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.

Credit Statement(s)

AMA
The Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 5.00 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

AAPA
Mayo Clinic College of Medicine and Science has been authorized by the American Academy of PAs (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. This activity is designated for 5.00 AAPA Category 1 CME credits. PAs should only claim credit commensurate with the extent of their participation.

ANCC
Mayo Clinic College of Medicine and Science designates this enduring material for a maximum of 5.00 ANCC contact hours. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

Pharmacology Content
Select presentations will contain pharmacology content as noted in the program. Identified presentations represent approximately 2.25 hours of pharmacology content.

Disclosure Summary
As a provider accredited by Joint Accreditation Interprofessional Continuing Education, Mayo Clinic College of Medicine and Science must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course Director(s), Planning Committee Members, Faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any...
commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of these relevant financial relationships will be published in activity materials so those participants in the activity may formulate their own judgments regarding the presentation.

Listed below are individuals with control of the content of this program who have disclosed…

**Relevant financial relationship(s) with industry:**
None

**No relevant financial relationship(s) with industry:**
Ami A. Grek, APRN, D.N.P.
Philip E. Lowman, M.D.
Jennifer C. Meder, RDN, LD/N
John E. Moss, M.D.
Sarah H. Peacock, APRN, D.N.P.
Ivan E. Porter, II M.D.
Joshua A. Propst, P.A.-C.
Christian D. Santos, APRN

**References to off-label and/or investigational usage(s) of pharmaceuticals or instruments in their presentation:**
None

For disclosure information regarding Mayo Clinic School of Continuous Professional Development accreditation review committee member(s) please visit: [https://ce.mayo.edu/content/disclosures](https://ce.mayo.edu/content/disclosures).

**Mayo Disclaimer**
Participation in this Mayo Clinic educational activity does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course. You should be aware that substantive developments in the medical field covered by this recording may have occurred since the date of original release.

**Prerequisites for Participation**
There are no prerequisites needed prior to participating in this education activity.

**How to Obtain Credit**
To obtain credit, complete the post-test, evaluation and submit.

**Method of Participation**
Participation in this activity consists of reviewing the webcast and completing the post-test and evaluation.

**Release and Expiration Dates**
Release Date: 08/24/2020
Expiration Date: 08/23/2023

**Program Schedule**

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Faculty</th>
<th>Timing</th>
<th>Credit Count</th>
<th>Pharmacology Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sepsis and Septic Shock*</td>
<td>Ami Grek, APRN, D.N.P.</td>
<td>*0:31:56</td>
<td>0.50</td>
<td>0.50</td>
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<tr>
<td>Ventilation Strategies: Noninvasive vs Invasive</td>
<td>John Moss, M.D.</td>
<td>0:49:57</td>
<td>0.75</td>
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<tr>
<td>ARDS Rescue Strategies</td>
<td>Josh Propst, P.A.-C.</td>
<td>0:33:06</td>
<td>0.50</td>
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</tr>
<tr>
<td>Critical Care Nutrition</td>
<td>Jennifer Meder, RDN, LD/N</td>
<td>0:32:10</td>
<td>0.50</td>
<td></td>
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<tr>
<td>Acid-Base Balance</td>
<td>Ivan Porter, M.D.</td>
<td>0:28:52</td>
<td>0.50</td>
<td></td>
</tr>
<tr>
<td>Neuro Emergencies (Seizure, ICH, SAH)*</td>
<td>Sarah Peacock, APRN, D.N.P.</td>
<td>*0:51:22</td>
<td>0.75</td>
<td>0.75</td>
</tr>
<tr>
<td>Sedation, Analgesia, and Delirium*</td>
<td>Christian Santos, APRN</td>
<td>*0:33:36</td>
<td>0.50</td>
<td>0.50</td>
</tr>
<tr>
<td>Ultrasound in the ICU</td>
<td>Christian Santos, APRN</td>
<td>0:35:53</td>
<td>0.50</td>
<td></td>
</tr>
<tr>
<td>Rapid Sequence Intubation*</td>
<td>Philip Lowman, M.D.</td>
<td>*0:37:37</td>
<td>0.50</td>
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</tr>
</tbody>
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**Total Time:** 5:34:29

**Credit:** 5.00 2.25

**Acknowledgement of Commercial Support**
No commercial support was received in the production of this activity.

**Faculty and Course Director Listing and Credentials**

**Course Directors**
Christian Santos, APRN
Philip Lowman, M.D.
Sarah Peacock, APRN, D.N.P.

**Faculty**
Ami A. Grek, APRN, D.N.P.
Philip E. Lowman, M.D.
Jennifer C. Meder, RDN, LD/N
John E. Moss, M.D.
Sarah H. Peacock, APRN, D.N.P.
Ivan E. Porter, II M.D.
Joshua A. Propst, P.A.-C.
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