

# Critical Care Review for the NPPAs Online Course

## Activity Description

Critical Care Review for the NPPAs online course is designed for advanced practice providers working with critically ill adult patients. The course is comprised of lecture-based sessions covering essential acute care topics such as vasoactive support, ECMO, secondary trauma assessment, intracranial pressure, anticoagulant reversal, acute liver failure, toxicology and more.

## Target Audience

This activity is designed for advanced practice providers working with critically ill adult patients. The course is comprised of lecture-based sessions covering essential acute care topics such as vasoactive support, ECMO, secondary trauma assessment, intracranial pressure, anticoagulant reversal, acute liver failure, toxicology, and more.

## Learning Objectives

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

- Critically evaluate management strategies for acute organ failure syndromes, including submassive pulmonary embolism, acute liver failure, variceal hemorrhage, and the acute abdomen
- Incorporate evolving therapies and supportive care practices such as hyperbaric oxygen, palliative medicine integration, vasoplegia alternatives, and renal replacement therapy into comprehensive ICU care
- Differentiate and manage complex shock states and emergencies, such as cardiogenic shock, anaphylaxis, malignant hyperthermia, and serotonin syndrome, with evidence-based pharmacologic and non-pharmacologic interventions
- Interpret and utilize bedside diagnostic tools—including ultrasound for echocardiography, lung assessment, FAST, and DVT screening—to guide timely management decisions in acute care
- Apply advanced airway and procedural skills by performing and troubleshooting intubation, bronchoscopy, surgical airway techniques, and central venous access in critically ill patients

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)



### AAPA

Mayo Clinic College of Medicine and Science has been authorized by the American Academy of Physician Associates (AAPA) to award AAPA Category 1 CME credit for activities planned in accordance with AAPA CME Criteria. Approval is valid until 10/19/2028. This activity is designated for 11.00 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 11.00 ANCC contact hours. Nurses should claim only the credit commensurate with the extent of their participation in the activity.

## Other Healthcare Professionals

A record of attendance will be provided to all registrants for requesting credits in accordance with state nursing boards, specialty societies or other professional associations.

## Disclosure Summary

As a provider accredited by Joint Accreditation for Interprofessional Continuing Education, Mayo Clinic College of Medicine and Science must ensure balance, independence, objectivity and scientific rigor in its educational activities. All who are in a position to control the content are required to disclose all financial relationships with any ineligible company. Faculty will also identify any off-label and/or investigational use of pharmaceuticals or instruments discussed in their content for FDA compliance.

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

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| Nathan Waldron | Honoraria              | AbbVie Inc.           |
| Nathan Waldron | Honoraria              | Zynex, Inc.           |

***All relevant financial relationships listed for these individuals have been mitigated.***

### ***No relevant financial relationship(s) with ineligible companies:***

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| Raksha Venkatesan    |
| Corinne Irish        |
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***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>.

## **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.

Prospective attendees, please note that the content for this online activity has been repurposed from the live education activity Mayo Clinic Critical Care Review for the Nurse Practitioner and Physician Associate 2026, 4/9/2026 – 4/11/2026. If you attended the live activity, you have already received credit for these educational sessions.

## **Prerequisites for Participation**

There are no prerequisites needed prior to participating in this education activity.

## **Method of Participation**

Participation in this activity consists of reviewing the educational material, completing the learner assessment and evaluation.

## **How to Obtain Credit**

To obtain credit, complete the assessment, evaluation and submit.

## **Release and Expiration Dates**

|                  |                 |
|------------------|-----------------|
| Release Date:    | 10/20/2026      |
| Renewal Date:    | (If applicable) |
| Expiration Date: | 10/19/2028      |

## **Acknowledgement of Commercial Support**

No commercial support was received in the production of this activity.

## **Faculty and Course Director Listing and Credentials**

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## Bibliographic Resources

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