

# Critical Care Concepts: Beyond the Basics



## Course Description

Although there are many programs available for those working in critical care, there is a need for those who are considered the “experts” to be challenged and further build their critical-thinking skills. With the constant changes in evidence-based practice driving what and why we do what we do, for many of us the only way to stay on top of the changes is through interaction in seminar format. Come learn, grow and be challenged as we move beyond the basics with the sickest of our patients.

## Program Learning Outcomes

*This program prepares the learner to:*

- Apply advanced critical thinking skills in the management of the complex critically ill patient.
- Identify current evidence-based practices for patient management.
- Discuss rationales for selected interventions, including invasive and noninvasive therapies.

## Agenda

*Sign-in begins at 7:30 am.* Each day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

### Day 1, 8:00 am to 4:30 pm

- |      |                                                                                                                                                                                       |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0800 | <b>Introduction</b><br>Advanced Critical Care Concepts   Consequences of Critical Care Illness   Goals of Critical Care                                                               |
| 0900 | <b>Advanced Assessment: Advanced Physiology Review</b><br>The Complex Critically Ill Patient   Cardiac Function                                                                       |
| 1000 | <b>Break</b>                                                                                                                                                                          |
| 1015 | <b>Advanced Assessment: Advanced Physiology Review (cont.)</b><br>Pulmonary Function                                                                                                  |
| 1200 | <b>Lunch</b>                                                                                                                                                                          |
| 1300 | <b>Abdominal Assessment</b><br>Intra-Abdominal Pressure   Compartment Syndrome   Assessment of Ileus and Complex Syndromes of Bowel Complications   Feeding Assessment   C. difficile |
| 1400 | <b>Break</b>                                                                                                                                                                          |
| 1415 | <b>Neurological Assessment</b><br>ICP Monitoring   Advanced Assessment of Increased ICP   Cerebral Blood Flow Issues                                                                  |
| 1530 | <b>Hematology, Summary of Complex Critical Illness</b><br>Review of Coagulation                                                                                                       |
| 1630 | <b>Adjourn</b>                                                                                                                                                                        |

## Day 2, 8:00 am to 4:00 pm

- 0800 **Heart Failure**  
Improvements in Function | Acute or Chronic Decompensation | IABP/VAD/TAH/Impella
- 0915 **Break**
- 0930 **Neurological Injury**  
Acute Brain Injury | Induced Hypothermic Therapy
- 1045 **Pulmonary Injury**  
Strategies of Ventilation | Diagnosis and Treatment of Pulmonary Hypertension | ARDS | Strategies to Improve Oxygenation | PAD Protocol and ABCDE | Pulmonary Embolus
- 1200 **Lunch**
- 1300 **Pulmonary Injury (cont.)**
- 1400 **Sepsis**  
Bundles of Care
- 1515 **Break**
- 1530 **Summary**  
How to Evaluate Your Practice | How to Institute Change in Your Practice
- 1600 **Adjourn**

## Accreditation

**RN/LPN/LVN/Other: 13.5 Contact Hours**

**RT: 13.5 Category 1 CRCE Hours**

***Includes 2.5 Pharmacology Contact Hours***

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If your profession is not listed, we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

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