

Advanced Care Concepts

Contact Hours: 13.5 CNE

Introduction

Two full days of instruction provide an in-depth clinical understanding of challenging critical conditions and procedures in high acuity settings such as critical care, emergency room, progressive care, and perioperative. It is essential for those training to care for critically ill patients and those desiring to increase their knowledge and level of expertise.



Assessment parameters in advanced care and pathophysiology of the various systems are covered along with critical disorders including clinical manifestations, lab abnormalities, other diagnostics, pharmacology, and treatment modalities. Select procedures on implementation and maintenance include arterial lines, central lines, temporary pacemakers, and chest tubes.

The extensive text is used during the session and serves as a ready resource to review. Numerous diagrams, memory hints, and clinical correlations are included. Multiple case studies are used to facilitate and demonstrate critical thinking.

A review of the following is incorporated into this interactive seminar:

- Invasive pressure monitoring
- Respiratory system
 - Respiratory failure
 - Rapid sequence intubation
 - Mechanical and noninvasive ventilation
- Cardiovascular system,
 - Central lines and IV therapy
 - Temporary and permanent pacemakers
 - Implantable cardioverter defibrillators
- Renal system
 - Acute kidney injury
 - Dialysis
- Neurological system
 - Increased ICP
 - Pituitary dysfunction
 - Induced hypothermia
- Glycemic emergencies
 - Diabetic ketoacidosis
 - Hyperglycemic hyperosmolar syndrome
 - Hypoglycemia
- Multisystem disorders
 - Sepsis
 - Shock syndromes
 - Multiple organ dysfunction



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Programs are also available for presentation at other facilities.

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Recent seminar participants had this to say about “Advanced Care Concepts”



“Excellent session! I learned the rationale behind all these situations and how to critically think through them to provide effective care. I feel much more confident initiating procedures and protocols effectively. I loved the interactive case studies!”

“As I am just beginning ICU training, all of the concepts covered in this session advanced my knowledge greatly! I look forward to seeing more lines, vents, etc. in our ICU and get hands-on learning.”

“This seminar has increased my knowledge to further advance my assessment skills while caring for critically ill patients. Also, because we often rely on respiratory therapists to manage ventilators, my knowledge of this application was very vague. I can now apply my newly acquired understanding to better care for these patients.”

“Excellent handout, case studies, and power point. The information presented here will be invaluable when I am floated to the Emergency Room or Intensive Care Unit.”

“This class is very informational and covers a broad range of topics. The instructor was very knowledgeable with a relaxed teaching style, able to stimulate lots of questions from participants, and really brought the information to the clinical setting.”

“This was a very good critical care refresher! I especially liked the incorporation of assessment and lab values into disease pathology. The amount of time spent on each topic was appropriate and engaging.”

“This is great training to work in any type of critical environment. As a result of this session, I will be better able to care for patients utilizing critical thinking and evidence-based practice. Since I often serve as a preceptor in the Intensive Care Unit, this has been so informational, and I can pass on that knowledge.”

“I loved the section on respiratory failure, intubation, and ventilator management. Review of sepsis, and multiple organ dysfunction was very informational and valuable to my current practice. Review of septic protocol, rationale, implementation, and associated lab values will greatly benefit patients I care for.”



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The faculty and planning committee do not have a conflict of interest related to this program. Participants must attend 80% of the seminar, complete an evaluation form, and be actively engaged to receive 13.5 CNE credit.