

The Advanced Series for Practicing Medical Professionals

The Advanced Care Concepts

Contact Hours: 13.5 CE

Introduction

Two full days of instruction provide an in-depth clinical understanding of many of the procedures performed on critically ill patients. Hemodynamic monitoring is covered using a physiologic approach to enhance learning. Case study examples are used with actual readings and clinical scenarios to incorporate an understanding of the values and the impact of pharmacologic interventions.



Endotracheal intubation and care of the mechanically ventilated patient is reviewed including pathophysiologic indications for intubation and appropriate pharmacologic and nonpharmacologic interventions and assessment techniques.

The placement and nursing care of arterial lines is reviewed along with regulating institutional policies. Central line placement, pacemakers, and dialysis are presented including indications and nursing management. The function of implantable cardioverter defibrillators and use in today's clinical setting is also covered.

Objectives

1. State the measurements and implications associated with right atrial pressure monitoring
2. Describe the purpose and components of the pulmonary artery catheter and noninvasive cardiac output monitoring.
3. Identify and interpret the waveforms and hemodynamic readings in various clinical conditions.
4. State the indications for direct arterial monitoring, the principles of catheter placement, and potential complications.
5. State the principles of set up and clinical use of the arterial line.
6. Explain the indications for mechanical ventilation, types of ventilators and settings used, and noninvasive alternatives to intubation.
7. Describe the assessment parameters and nursing care aspects to be followed in caring for a ventilated patient.
8. Describe the potential complications associated with ventilator patients, recognition of clinical signs, and management of complications.
9. State the nursing management principles of a patient receiving intravenous therapy via a central line.
10. Describe the general indications for pacemakers and the types and settings that can be used.

11. State the nursing implications during insertion and care of the patient with a temporary or permanent pacemaker.
12. State the types of permanent pacemakers used and methods to evaluate function and detect complications.
13. Describe the uses of an implantable cardioverter-defibrillator, the function of the unit, and the nursing care aspects of patients with an ICD.
14. State the general principles of dialysis therapy.
15. Describe the management of the patient on long-term hemodialysis including nursing implications, potential complications, and care of the hospitalized dialysis patient.
16. Describe the management of the patient on peritoneal dialysis including nursing implications and potential complications.

Recent seminar participants had this to say about "Intensive Care Concepts"



"This seminar has increased my knowledge to further advance my assessment skills while caring for critically ill patients."

"Hemodynamic monitoring was especially interesting. The tables for arterial lines/swan ganz monitoring were very helpful along with the mini quizzes in the handout."

"The information presented here will be invaluable when I am floated to the Intensive Care Unit."

Very informative and knowledgeable instructor with a very relaxed manner. Able to stimulate lots of questions from participants and really brought the information to the clinical setting."



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