



COURSE DESCRIPTIONS

Critical Care

The ICU is Not Ready for Your Critical Patient, Are You?

10/25/2021 | 3:30:00 PM - 3:50:00 PM

Faculty: Rachel E. Garvin, MD

So you've intubated, ventilated, & fluid resuscitated your critically ill patient. The ICU is not ready or there are no beds. Now what? What else should you be thinking about? How can you involve the ICU in the care of the patient before the patient is transferred? During this case-based presentation, the speaker will review the most common post-resuscitation issues in critically ill patients. After attending this lecture you will be better equipped to anticipate & manage these issues in your ICU-bound patient before they become major problems.

- Describe effective communication strategies with inpatient clinical staff.
- Outline practical strategies for patient monitoring.
- Explain evaluation, consultation & management priorities in ED ICU boarders.

Critical Care

Dying With Dignity: Incorporating Palliative Care Into Your Practice

10/25/2021 | 8:00:00 AM - 8:20:00 AM

Faculty: Merle A. Carter, MD, FACEP

This course will give participants an overview of palliative care & how it is relevant to emergency medicine. The speaker will discuss three types of palliative assessments (critical vs. stable, screening, prognosis) as well as three palliative interventions to be used on the suffering patient (symptom management, communication techniques, & disposition).

- Describe how to screen for patients who may benefit from palliative care & formulate a prognosis based on patient's disease status & functional status.
- Perform the "palliative ABCDs" alongside of the usual ABCs of a critical patient, performing a high level of assessment & care for patient & family.
- Identify basic symptom management for suffering patients, communication dos & don'ts for having the "serious conversation", & be able to appropriately disposition the palliative patient.



COURSE DESCRIPTIONS

Critical Care

Resuscitation-Minded: Metacognition at the Bedside

10/26/2021 | 9:00:00 AM - 9:20:00 AM

Faculty: Marie-Carmelle Elie, MD, FACEP

Working in the ED is hectic and stressful on even the lowest acuity shifts, then you hear a crashing patient will be arriving to your resuscitation bay any moment. How do you mentally prepare yourself to focus when so much is going on around you? This talk will provide you with strategies to employ in your team and in your own head to help you focus on maximizing your patients outcomes no matter how sick they are.

- List aspects of your practice that lead to distraction in moments that need your complete attention in the resuscitation bay.
- Describe mindfulness techniques that can provide focus to the mind of an emergency physician during an acute resuscitation.
- Identify one change in your team communication to enhance the dynamics of your resuscitations

Critical Care

Tummy Time Instead of Tube? Oxygenation Strategies for the Hypoxic COVID-19 Patient

10/26/2021 | 10:30:00 AM - 10:50:00 AM

Faculty: Max A. Hockstein, MD

The acutely hypoxic COVID-19 patient in respiratory distress poses several challenges to the emergency physician. During the initial surge, EP's would typically intubate these patients as we would any other hypoxic patient in respiratory distress. As we learned more about the disease process, we found that early intubation is not associated improved patient outcomes. This talk discusses a stepwise approach of alternatives to intubation to maximize survival.

- Discuss the evidence behind early intubation and patient-oriented outcomes.
- Review the physiology, process, and evidence behind awake proning
- Discuss a practical, stepwise approach in noninvasive oxygenation methods including nasal cannula, high-flow oxygenation, and BIPAP/CPAP.



COURSE DESCRIPTIONS

Critical Care

There's Nothing Normal About Saline

10/26/2021 | 1:30:00 PM - 1:50:00 PM

Faculty: Marie-Carmelle Elie, MD, FACEP

Normal saline has long been the crystalloid fluid of choice in critical care volume resuscitation. However, years ago, Lactated Ringer's was a worthy challenger but has since fallen from grace. Many critical care experts have reverted to using Lactated Ringer's or other balanced solutions. Is there a difference & should we be using one over the other or is there something better than both? This lecture separates the science from the witchcraft when it comes to intravenous fluid resuscitation in the critically ill.

- Identify why normal saline may not be the best choice for high-volume crystalloid resuscitation & recognize patients whose pathologies may benefit from normal saline volume expansion.
- Explain the benefits in utilizing Lactated Ringer's or other balanced solution & identify the subset of patients who may be adversely affected by it.
- Describe other options for use in volume resuscitation of critically ill patients in the emergency department.

Critical Care

Cruising the Literature: Top Articles in Critical Care

10/27/2021 | 8:00:00 AM - 8:50:00 AM

Faculty: Jeremy Faust, MD, FACEP

During this case-based interactive discussion, the speaker will review the latest & greatest recent articles in critical care that will impact your practice back in your ED. To bring the literature to life, each article discussion will begin with a brief clinical vignette describing a current hot topic in critical care. A recent article will be presented & reviewed in detail. Take home points will be distilled from the science to improve patient care for your next critically ill patient.

- List recent articles in critical care literature that that impact ED management of the critically ill.
- Discuss the strengths & limitations of each & how they apply ED care.
- Describe key take home points to improve patient care in your ED.



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Critical Care

Under Pressure! Utilizing IV Pressors in the ED

10/27/2021 | 9:00:00 AM - 9:20:00 AM

Faculty: Peter M. DeBlieux, MD, FACEP

Emergency physicians can easily identify patients suffering from uncompensated shock –the patient’s vital signs are grossly abnormal & they look ill. The challenge lies in identifying patients with early, compensated shock. Using a case-based approach, the speaker will discuss novel approaches to identifying, treating, & monitoring patients suffering from shock. Audience participation will be encouraged.

- Discuss advances in the early recognition of shock & an approach to the differentiation of the cause.
- Identify general approaches to treatment of shock & pitfalls in the treatment of shock.
- Discuss how treatment varies when specific causes of shock are identified.

Critical Care

Resuscitation That Kills: Right Heart Resuscitation

10/27/2021 | 10:00:00 AM - 10:20:00 AM

Faculty: Matthew A. Roginski, MD

The left heart is the workhorse of the body, while the right heart is often neglected. However, few patients are more difficult to manage than those with a failing right heart. Ultrasound in the ED has become ubiquitous & can now help us diagnose & treat the right heart better than ever. Next time a patient with a failing right ventricle comes to your ED, be sure to take home some pearls to improve their outcomes.

- Identify signs of right heart failure in the critically ill patient, including diagnostic modalities that can support this.
- Describe interventions that will support the right heart & when they are indicated.
- Recognize mimics of right heart failure who if you anchor on could potentially worsen the patient.



COURSE DESCRIPTIONS

Critical Care

Gettin' Piggy With It: Are Chest Tubes a Thing of the Past?

10/27/2021 | 10:30:00 AM - 10:50:00 AM

Faculty: Michael E. Winters, MD, FACEP

Evidence has been building that pigtail catheters may have similar effectiveness as chest tubes for a variety of pathologies. We discuss the growing list of indications for pigtail catheter placement, the potential advantages and disadvantages of pigtail catheters, and the evidence supporting the use of pigtail catheters.

- Discuss the indications for pigtail catheter placement.
- Review the procedure of pigtail catheter placement.
- Identify the potential advantages and disadvantages of pigtail catheter placement.
- Review the literature regarding pigtail catheters.

Critical Care

Too Hot to Handle! Resuscitation & Management of the Critical Burn Patient

10/27/2021 | 4:00:00 PM - 4:20:00 PM

Faculty: Robert Hughes, DO

Recognition, resuscitation & early disposition of critically ill victims of burns are the cornerstone of quality early burn care. It's vital to consider other life-threats beyond the burn itself, such as smoke inhalation, cyanide, and carbon monoxide. This course will outline the latest, evidence-based & up-to-date trends burn resuscitation strategies for the community hospital emergency department provider & identify issues & conditions that may impact transfer decisions.

- Identify critical, or potentially critical, patients who are victims of thermal, chemical or electrical burns.
- Recognize the obvious as well as the subtle factors that are vital to successful early resuscitation of the critically burned patient.
- Identify considerations in the management of common overlooked toxicologic life-threats in the burn patient, such as CO and cyanide.



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Undifferentiated Shock: Making a Difference

10/27/2021 | 4:30:00 PM - 4:50:00 PM

Faculty: Michael E. Winters, MD, FACEP

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Critical Care

Million Dollar (Wo)Men: Can We Rebuild Them?

10/28/2021 | 11:00:00 AM - 11:20:00 AM

Faculty: Zachary M. Shinar, MD

ECMO, REBOA, and beyond...as technology advances we are finding more ways to intervene on sick patients and save their lives. The question is are you ready to manage these patients in your ED? This session will serve as an introduction to these modalities and provide you with the basics on how to help these patient's survive their critical illness

- Identify appropriate patients for ECMO in the ED.
- Identify patients who may benefit from REBOA in the ED.
- Describe early/immediate complications of mechanical circulatory support modalities that may occur in the ED.