In-Booth Expo Education Sessions

Booth 3013

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The shocking truth: How to use hemodynamics to demystify shock states

Barbara McLean MN, RN, CCNS-BC, NP-BC, CCRN, FCCM

Patients in shock present with a common platform of tissue dysmetabolism and hypoxic induced acidosis. Understanding how to properly utilize the parameters offered by a hemodynamic platform may help uncover the cause of shock and facilitate a focused intervention. The role of stroke volume and stroke volume responsiveness, as well as the methods of non-invasive, arterial, and pulmonary arterial cardiac output monitoring will be discussed and applied through the presentation of several case studies.

Learn to:

1. Identify strategies for recognizing patients in shock.
2. Discuss the role of hemodynamics, especially stroke volume, when monitoring patients experiencing shock.

When life gives you lemons, implement an enhanced recovery program for cardiac surgery

Gina McConnell, RN, BSN, CCRN

Gina recognized a unique opportunity to improve outcomes in her hospital's cardiac surgical population. She assembled a team and launched the first cardiac enhanced recovery program in the United States. Their accomplishments were recently published in the November issue of Nursing. She will review what drove her inspiration, how she accomplished the seemingly impossible, and the positive impact it has had on patients.

Learn to:

1. Verbalize the benefits of implementing an enhanced recovery program and who the key stakeholders are within your facility.
2. Describe solutions to at least two barriers that can be encountered when trying to launch a successful enhanced recovery program.

The hemodynamic triad: Right heart, left heart, and tissue oxygenation

Barbara McLean MN, RN, CCNS-BC, NP-BC, CCRN, FCCM

The ability to differentiate right and left heart dysfunction is required in the fast pace of today's ICU. This session will bring innovative strategies to the bedside nurse evaluating hemodynamics. Commonalities, assumptions, and fallacies in understanding the right and left heart function and evaluation will be discussed and applied. Each participant will leave the session with new insights into their patient's cardiac compromise, compensation and failure.

Learn to:

1. Explain the basic function of right versus left-sided cardiac physiology.
2. Identify appropriate monitoring techniques for a variety of clinical needs.

Simulation-based learning: Using advanced PA catheter parameters for your most complex patient

Tami Franco-McKinney BSN, CCRN, RN

Through complex scenarios, this interactive session walks through practical application of continuous right-sided hemodynamics including SvO_2, via a pulmonary artery catheter. Participants will understand why, as well as how right-sided parameters can provide insight in guiding clinical interventions outside of cardiac surgery.

Learn to:

1. Through case simulations, evaluate volume status & contractility in critically ill patients using an advanced technology PA catheter.
2. Illustrate the application of CO, SV, SVR, and SvO_2 for real-time bedside assessment of cardiac function.

Know before you go: Does my patient need an ICU admission?

Kathy Crawford MSN, RN, CCRN

In addition to physical assessment and traditional hemodynamics, nurses responding to rapid response calls have limited data when treating patients outside of the ICU setting. Noninvasive, continuous blood pressure and stroke volume can provide clarity into whether a patient is responsive to volume, and whether they should be transferred to intensive care. Through a brief hemodynamic review and case studies, this session explains the utility of hemodynamics in a rapid response model.

Learn to:

1. Describe the application of noninvasive stroke volume in determining appropriate interventions for hemodynamically unstable patients outside of the ICU setting.
2. Discuss the impact of noninvasive hemodynamic monitoring on discerning whether a patient on the floor should be transferred to intensive care.

Driving success in sepsis: Overcoming barriers for early intervention

Charlotte Davis MSN, RN, CCRN

This session will review the current best practice elements of sepsis identification and treatment, as well as walk through a success story on how one hospital was able to achieve improved outcomes. Key takeaways will include how to overcome barriers in the early identification and treatment of unstable patients, and how to incorporate stroke volume optimization as a key tool for ensuring optimal perfusion.

Learn to:

1. Identify strategies for improving sepsis care within a hospital system.
2. Describe how monitoring technologies can aid with early recognition of hemodynamic instability and determining effectiveness of management strategies.

Simulation-based learning: Practical application of minimally invasive hemodynamic monitoring

Tami Franco-McKinney BSN, CCRN, RN

In this interactive, case-based session, clinicians will learn how to identify hemodynamic instability early in various critical care settings. With a focus on interpreting changes in flow-based parameters, participants will leave with an improved understanding of how advanced hemodynamic parameters can help guide clinical interventions.

Learn to:

1. Describe the appropriate technique to assess fluid responsiveness via a passive leg raise or fluid bolus while assessing stroke volume.
2. Through case simulations, use hemodynamic parameters to assess volume status, vascular tone, and contractility.

Tuesday, May 21

10:45AM
The shocking truth: How to use hemodynamics to demystify shock states
Barbara McLean MN, RN, CCNS-BC, NP-BC, CCRN, FCCM

11:30AM
When life gives you lemons, implement an enhanced recovery program for cardiac surgery
Gina McConnell, RN, BSN, CCRN

12:15PM
The hemodynamic triad: Right heart, left heart, and tissue oxygenation
Barbara McLean MN, RN, CCNS-BC, NP-BC, CCRN, FCCM

1:00PM
Simulation-based learning: Using advanced PA catheter parameters for your most complex patient
Tami Franco-McKinney BSN, CCRN, RN

1:45PM
Know before you go: Does my patient need an ICU admission?
Kathy Crawford MSN, RN, CCRN

2:30PM
Driving success in sepsis: Overcoming barriers for early intervention
Charlotte Davis MSN, RN, CCRN

3:15PM
Simulation-based learning: Practical application of minimally invasive hemodynamic monitoring
Tami Franco-McKinney BSN, CCRN, RN

Wednesday, May 22

10:45AM
The hemodynamic triad: Right heart, left heart, and tissue oxygenation
Barbara McLean MN, RN, CCNS-BC, NP-BC, CCRN, FCCM

11:30AM
Simulation-based learning: Using advanced PA catheter parameters for your most complex patient
Tami Franco-McKinney BSN, CCRN, RN

12:15PM
The shocking truth: How to use hemodynamics to demystify shock states
Barbara McLean MN, RN, CCNS-BC, NP-BC, CCRN, FCCM

1:00PM and 3:15PM
Know before you go: Does my patient need an ICU admission?
Kathy Crawford MSN, RN, CCRN

1:45PM
Simulation-based learning: Practical application of minimally invasive hemodynamic monitoring
Tami Franco-McKinney BSN, CCRN, RN

2:30PM
When life gives you lemons, implement an enhanced recovery program for cardiac surgery
Gina McConnell, RN, BSN, CCRN

Thursday, May 23

9:30AM
The shocking truth: How to use hemodynamics to demystify shock states
Barbara McLean MN, RN, CCNS-BC, NP-BC, CCRN, FCCM

10:15AM
When life gives you lemons, implement an enhanced recovery program for cardiac surgery
Gina McConnell, RN, BSN, CCRN

11:00AM
Driving success in sepsis: Overcoming barriers for early intervention
Charlotte Davis MSN, RN, CCRN

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