### Midwest Conference Program Guide—Thursday, March 23, 2017

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<th>Comments</th>
<th>Objectives</th>
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<td><strong>Keynote: We are nurses …and It Matters</strong>&lt;br&gt;<em>Dr. Clareen Wiencek, AACN President</em>  &lt;br&gt;The current AACN President will discuss how the human-centeredness of nursing combined with vision, values, and bold voices produces optimal outcomes and drives changes.</td>
<td>1. Explore how the human centeredness of nursing matters for optimal outcomes  &lt;br&gt;2. Examine the past and present impact of nurses’ values, vision and voice  &lt;br&gt;3. Discuss how nurses can use their bold voice to drive change  &lt;br&gt;4. Develop one’s personal It Matters declaration</td>
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<td><strong>Palliative Care and Critical Care: A New Decade</strong>&lt;br&gt;<em>Dr. Clareen Wiencek, AACN President</em>  &lt;br&gt;Our current AACN President will present how critical care nurses can incorporate evidence-based knowledge about palliative care for seriously ill patients, and participate in the interdisciplinary team caring for those patients.</td>
<td>1. Describe milestones behind the convergence of palliative care and critical care  &lt;br&gt;2. Discuss the current state and evidence supporting palliative care in the critical care setting  &lt;br&gt;3. Examine how the interdisciplinary team can incorporate primary and specialist palliative care in the practice setting</td>
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<td><strong>Puzzling Pacemakers</strong>&lt;br&gt;<em>Cheryl Hermann</em>  &lt;br&gt;The purpose of this session is to review pacemaker functionality and indications. Practical application of analysis of pacemaker strips will be included</td>
<td>1. Explain the NBG pacemaker code  &lt;br&gt;2. Discuss the indications and functions of VVI, AAI, AOO, DDD pacing modes.  &lt;br&gt;3. Analyze pacemaker EKG strips</td>
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<td><strong>Therapeutic Hypothermia</strong>&lt;br&gt;<em>Let’s Chill: Use of Therapeutic Temperature Management post Cardiac Arrest</em>&lt;br&gt;<em>Dr. Carissa Watters</em>  &lt;br&gt;This presentation discusses the impact of hypoxia in brain tissue related to cardiac arrest and the use of therapeutic hypothermia following return of spontaneous circulation (ROSC) in reducing hypoxic tissue damage.</td>
<td>1. Explain impact of brain tissue hypoxia following cardiac arrest.  &lt;br&gt;2. Describe indications and contraindications for use of therapeutic hypothermia after ROSC.  &lt;br&gt;3. Discuss the impact of therapeutic hypothermia on preservation of neurological recovery.  &lt;br&gt;4. Describe management of patient receiving therapeutic hypothermia and recommendations and ongoing research.</td>
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<td><strong>Obtaining Certification—Because It Matters</strong>&lt;br&gt;<em>Debra Polster</em>  &lt;br&gt;Advanced knowledge, skills and abilities supports rigorous standards for nursing practice. Ensuring expert nursing practice improves patient safety and clinical outcomes. This presentation will provide recommendations for preparing and maintaining specialty certification. Strategies from successful test-takers and sample test questions will be presented.</td>
<td>1. Describe professional and organizational benefits of specialty certification.  &lt;br&gt;2. List successful test-taking strategies for achieving certification.  &lt;br&gt;3. Apply effective exam methods to sample test questions.</td>
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<td><strong>Palliative Pharmacotherapy</strong>  &lt;br&gt;This session will provide the participant with an overview of the central precepts of palliative care for persons with serious illness.</td>
<td>1. Discuss the central precepts and elements of palliative care for persons with serious or life limiting illnesses  &lt;br&gt;2. Identify a systematic approach to pain management in those</td>
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| Dr. Clareen Wieneck, AACN President | illness and the knowledge of pharmacologic approaches to pain and symptom management in the delivery of integrative or primary palliative care. | persons living with serious illnesses
3. Identify pharmacologic approaches to management of common symptoms in serious or chronic illness: dyspnea, constipation, anxiety and fatigue.
4. Practice opioid conversions through case study analysis |
|---|---|---|
| Crush Injuries | This session that will review the impact crush injury has on patient outcome. Discussed will be mechanism of injury, the local and systemic impacts as well as current evidence-based management. | 1. Explain the mechanism putting patients at risk for crush injury.
2. Describe the impact compartment hypertension has on extremity function.
3. Describe the signs, symptoms, and interventions seen in extremity compartment syndrome. |
| Daria Ruffolo | --- | --- |
| Not on my shift: Preventing Never Events | This presentation identifies gaps in never events and facilitates a culture of safety. Structures and process for clinical nurse leadership, identification of safety risks and resolutions will be introduced. | 1. Identify never events and risks to patient safety in critical care.
2. Determine the role of nursing in preventing never events in critical care.
3. Describe a case scenario that addresses the role of the critical care nurse in preventing never events and safety events. |
| Debra Polster | --- | --- |
| Help: Muscle Breakdown... Rhabdomyolysis | The impact of rhabdomyolysis will be discussed. A plan of care will include risk factors, clinical presentation and treatment options for the patient with rhabdomyolysis. | 1. Discuss the impact rhabdomyolysis
2. Explore the risk factors, clinical presentation, and treatment for rhabdomyolysis
3. Outline a plan of care for rhabdomyolysis patient. |
| Cheryl Herrmann | --- | --- |
| Thursday March 23, 2017 115-230pm | --- | --- |
| Assessment of the Trauma Patient: Getting it Right | This session reviews appropriate and evidence based initial assessment and intervention of a patient that has been a victim of trauma. The goal of care is early and effective reversal of shock to prevent sequelae of complications. | 1. Describe the traditional and contemporary end-points of resuscitation.
2. Discuss the organ dysfunction and coagulopathy associated with shock after intravascular volume loss.
3. Identify the current interventions and treatment modalities associated with an effective and successful resuscitation |
| Daria Ruffolo | --- | --- |
| PTSD in the EP Population | This presentation will discuss the role of psychological functioning in the EP population with an emphasis on the role PTSD has on patient management. | 1. Identify signs and symptoms of PTSD
2. Recognize the connection between EP symptoms and psychological concerns
3. Understand treatments available for PTSD in EP population |
| Dr. Gail Osterman | --- | --- |
| A Good Death | This presentation discusses end of life practice issues, care for the family of dying, and self-care for the registered nurses who cares for the dying in a critical care setting | 1. Identify symptoms dying patients and families experience
2. Discuss care of family members encompassing major aspects of access, information, support, and involvement in caregiving
3. Describe grief stages, family stress/reaction during the dying process, and RN facilitation of the grieving process
4. Identify symptoms of RN compassion fatigue, grieving and identify methods of self-care |
| Jen Pope | --- | --- |
| Challenging and Complex Case Studies | This presentation will focus on several complex case studies and formulate a plan of care for each challenging patient. | 1. Analyze 12 lead EKGs and Chest radiographs
2. Correlate pathophysiological differences between diseases and typical AMI, heart failure and pneumonia patients.
3. Formulate a plan of care for the diseases presented |
<p>| Cheryl Herrmann | --- | --- |</p>
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<th><strong>Nutrition in the ICU</strong></th>
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<td><strong>Daria Ruffolo</strong></td>
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<td>This presentation will discuss the benefits to early nutritional supplementation and its impact on improved outcome in the critical care population. Specialized immune-enhancing nutritional formulations have been developed and been proven to offset some of the inflammation that leads to compromised organ function and complications that ensue. Additionally, there are certain patient populations that are at risk for gastroparesis which can limit tolerance of gastric feeding, a discussion of the use of small bowel tubes, their indications and insertion are reviewed.</td>
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| 1. Compare and contrast the indication for enteral and parental nutrition in the ICU venue.  
2. Discuss the advantages for utilizing the gastrointestinal track for nutritional supplementation.  
3. Understand the uses for immune-modulating nutritional formulas as well as how to calculate the nutritional requirements of the critically ill and injured.  
4. Identify when a patient should be fed post-gastric outlet and how to best position the feeding tube |

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<th><strong>Work Place Violence—De-escalation Strategies</strong></th>
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<td><strong>Carrie Burkhart</strong></td>
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<td>This presentation discusses current healthcare workplace violence trends and the importance of recognizing an escalating situation. Strategies including verbal de-escalation will be reviewed and opportunities for staff development.</td>
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| 1. Describe current workplace violence trends  
2. Recognize the signs of a potentially escalating individual or situation  
3. Discuss verbal de-escalation strategies |

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<th><strong>Updates on New Anticoagulants</strong></th>
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<td><strong>Nicole Vivacqua</strong></td>
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<td>This presentation discusses current anticoagulation options and how to reverse these anticoagulants based on current practice guidelines and available literature.</td>
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| 1. Describe the available oral anticoagulant options and the mechanism of action of each.  
2. Provide options for anticoagulation reversal.  
3. Understand when anticoagulation reversal is indicated.  
4. Explain the benefits of prothrombin complex concentrate. |

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<th><strong>A Woman’s Heart is Different: Women &amp; Heart Disease</strong></th>
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<td><strong>Cheryl Herrmann</strong></td>
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<td>Cardiac disease varies based on gender. The impact, risk factors, presentation, and treatment options are discussed for women with heart disease</td>
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| 1. Discuss the impact of heart disease in women.  
2. Explore the risk factors, clinical presentation, and treatment outcomes of heart disease in women  
3. Describe strategies to have a healthy woman’s heart |
# Midwest Conference Program Guide—Friday, March 24, 2017

*Note: Schedule change—130pm-The Suicidal Patient in the ICU 3pm-How to Achieve Beacon Status*

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<td><strong>Friday, March 24, 2017</strong> 7-8am</td>
<td><strong>Friday, March 24, 2017</strong> 815-915 am</td>
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| **Early Morning Session: CRRT sponsored by NxStage** | **keynote: Continual, Non-Stop, Unrelenting, Constant, Never-ending Change: Strategies for Nurses**  

--- Dave Hanson, past AACN President --- |
| Change is inevitable. In today's fast-paced world, transformation is happening in every aspect of our lives—from the ever-evolving technology that holds us forever behind to the evidence-based research that steers healthcare through a constant state of regenerating policies to ensure that we're providing quality care to our patients. The impact of continual change on both the patient as well as the caregiver, and provide strategies for effectively managing change. |
| 1. Discuss why change has become the new normal in healthcare.  
2. Apply Lewin’s Change Theory to the nursing practice environment.  
3. Describe implications of change fatigue in clinical practice.  
4. Differentiate between being in the world and creating the world around you.  
5. Identify breakthrough strategies for constructively managing change. |

| **Friday, March 24, 2017** 945-11 am | **Cardiac Surgery First 24: Pre-operative and intraoperative Management**  

--- Leslie Collins --- |
| This session focuses on preoperative and intraoperative management of cardiac surgical patient. Preoperative patient evaluation, risk assessment, education, and preparation will be reviewed. During the intraoperative segment, cardiac anesthesia, cardiopulmonary bypass, cardiac protection and blood conservation management strategies are reviewed. |
| 1. Determine preoperative patient conditions that increase surgical risk  
2. Prepare and educate patient and family for cardiac surgery  
3. Review cardiac anesthesia and effect on postoperative management of patients  
4. Discuss principles of cardiopulmonary bypass and physiologic effects on the postoperative cardiac surgery patient |

| **Friday, March 24, 2017** 945-11 am | **Principles of Mechanical Ventilation**  

--- Dr. John. Shanley --- |
| This presentation discusses the principles of respiratory physiology, the indications for mechanical ventilation, various modes of ventilation and the assessment of the patient-ventilator interactions. |
| 1. Review basic anatomy/physiology of respiratory system.  
2. Discuss various indications for mechanical ventilation.  
3. Assess patient ventilator status and corresponding mode of ventilation.  
4. Trouble shoot the patient alarms. |

| **Friday, March 24, 2017** 945-11 am | **Spontaneous intracerebral Hemorrhage**  

--- Cedric McKoy --- |
| The lecture purpose is to review the assessment of the patient presenting with intracerebral hemorrhage and treatment options to improve patient outcomes. |
| 1. Demonstrate the latest recommendations to optimal outcome for the patient.  
2. Utilize the latest clinical advances in Hemorrhagic assessment, diagnosis and treatment to improve patient care. |

| **Friday, March 24, 2017** 945-11 am | **Liver Disease: Assessment, Treatment and Transplant**  

--- --- |
| This presentation will focus on normal and abnormal liver function. Discussion of liver disease process will assist the nurse |
| 1. Identify normal liver functions.  
2. Causes of liver diseases/ cirrhosis.  
3. Epidemiology of the disease. |
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<tr>
<th>Colleen Blackburn</th>
<th>in identifying symptomatology and associated complications.</th>
<th>4. Complications of the disease and liver transplant.</th>
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<td><strong>Friday, March 24, 2017</strong> 1115 a-1230 p</td>
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| **Cardiac Surgery First 24: CABG Patient** | This session reviews surgical procedures for coronary artery bypass grafting. Postop care is discussed with emphasis on managing bleeding, hypertension, hypotension, myocardial infarction, cardiac tamponade, and cardiogenic shock. Management strategies utilizing SVO2, IABP and VAD are reviewed. | 1. Discuss principles of cardiopulmonary bypass and physiologic effects on the postoperative cardiac surgery patient and indications and relative contra-indications for Coronary Artery Bypass Graft Surgery (CABG)  
2. Discuss benefits and selection of conduits utilized for bypass  
3. Review surgical techniques for CABG  
4. Recognize S&S of postoperative complications and treatment modalities following CABG—MI, Bleeding, Cardiac Tamponade, HTN/Hypotension, Cardiogenic shock  
5. Review key patient management strategies: SVO$_2$ monitoring, IABP and VAD |
| Leslie Collins | | |
| **Ethics Resources for Critical Care** | Explore the purposes, usefulness, process and practical aspects of getting consultations from ethics committees and clinical ethicists on moral and ethical issues when caring for the critically ill. | 1. The learner will identify, define and apply moral/ethical issues associated with the care of the critical patient.  
2. The learner will become familiar with the purposes of the ethics committee within an institution.  
3. The learners will share experiences through group discussion. |
| Karla Fogel | | |
| **Ischemic Stroke: Medical Interventions and Outcomes** | This lecture is to provide a better understanding of embolic and thrombotic strokes. Case studies will be provided to advance understand of subtle changes in patients. | 1. Discuss management of ischemic stroke patient, blood pressure management, tPA administration and current treatment  
2. Review the diagnostic tests used, CT/CTA/MRI.  
3. Put into practice the latest advances in clinical stroke care. |
| Cedric McKoy | | |
| **Better Safe Than Sepsis: Sepsis Updates 2017** | This lecture showcases guiding principles for spearheading successful sepsis programs. The latest studies in sepsis screening, clinical protocols, and a modified Sepsis Alert response system. | 1. Identify core concepts and supporting evidence for successful sepsis screening.  
2. Discuss new supporting literature in sepsis resuscitation and associated controversies.  
3. Review innovative strategies to mitigate sepsis program barriers for excellent outcomes. |
| Alex Johnson | | |
| **Friday, March 24, 2017** 130-245 pm | | |
| **Cardiac Surgery First 24: Valve Surgery** | Review care of the valve surgery patient. Differences in postoperative management with various valve diseases will be highlighted. Ventricular remodeling and systolic/diastolic heart failure will also be incorporated. In addition, management of epicardial pacing will be discussed with focus on bedside decision making and troubleshooting. | 1. Review tricuspid, mitral valve and aortic valve disease and discuss hemodynamic changes associated with different disease processes.  
2. Differentiate between systolic and diastolic heart failure  
3. Understand concept of ventricular remodeling  
4. Review surgical procedures utilized to treat valve disease  
5. Discuss post management of patients with valve disease  
6. Review management of a patient requiring epicardial pacing |
| Leslie Collins | | |
| **The Suicidal Patient in the ICU** | This presentation will discuss types of | 1. Identify patients who are at risk for suicide in the critical care |
| **Katherine Hess** | patients who are at risk for suicide, and nursing interventions for those expressing suicidal thoughts or attempted suicide. Additionally, an emphasis on therapeutic communication with patients and families. | 2. Describe effective therapeutic techniques to utilize while communicating with patients who have suicidal ideations.  
3. Highlight safe and effective nursing interventions when caring for patients who are suicidal. |
| **Mobile Stroke Unit**  
*Anne Lindstrom,*  
*Hillary Crumlett,*  
*Mehr. Mohajer-Esfahani,*  
*Justin Williams* | This program will highlight the purpose of the Mobile Stroke Unit. The individual roles will be discussed with a focus on clinical decision making and current treatment options. Published outcomes will be discussed. | 1. Describe the purpose and goal of a Mobile Stroke Unit  
2. Understand the roles within the Mobile Stroke Unit  
3. Explain clinical decision making and current treatment options on Mobile Stroke Unit |
| **Sepsis Complications: DIC and HIT**  
*Heather Knouff* | This presentation will discuss platelet abnormalities that can affect patients including DIC and HIT and discuss how the abnormalities affect the body, manifestations and complications they cause. | 1. The learner will be able to explain how DIC and HIT develop in the body.  
2. The learner will be able to describe manifestations, complications and diagnostic criteria for DIC and HIT.  
3. The learner will be able to discuss current guidelines for treatment and management for patients with DIC and HIT. |
| **Cardiac Surgery First 24: Ascending Aortic Dissection and RV Tear**  
*Leslie Collins* | Aortic disease will be reviewed with emphasis on surgical techniques for management of ascending and descending aortic pathology. Discuss TEVAR procedure management with a lumbar drain and prevention of spinal cord ischemia. Management of patients with RV failure or injury is included. | 1. Review key concepts with managing patients with right ventricular injury or failure. List classification and management strategies for aortic dissections  
2. Review unique intraoperative management for patient’s undergoing aortic repairs  
3. Discuss TEVAR procedure and postop management  
4. Review key concepts with managing patients with right ventricular injury or failure |
| **Patient Advocacy: Putting out Fires Before They Spread**  
*Bonnie Engeriser,*  
*Mary. Ireland* | This presentation will give nurses the tools to effectively communicate with and advocate for their patients. | 1. Name at least two hallmarks of effective communications.  
2. Explain how to respond to complaints and grievances.  
3. Identify the importance of service recovery. |
| **How to Achieve Beacon Status**  
*Hillary Crumlett*  
*Alex Johnson* | The AACN Beacon award is among the highest levels of excellence a team can achieve. This session showcases one unit’s journey in achieving the Beacon Gold Award. | 1. Discuss healthy work environment standards and employee engagement tactics.  
2. Illustrate guiding principles to achieve and sustain top-decile outcomes, including emphasizing the voice of the staff nurse.  
3. Review case studies and strategies to foster sustainability. |
| **Adrenal Crisis**  
*Mary Maloney-Poldek* | This presentation discusses how sepsis and septic shock impact the endocrine system, clinical manifestations of endocrine alterations and current guidelines to manage endocrine alterations resulting from sepsis. | 1. Explain impact of sepsis and septic shock on endocrine system.  
3. Discuss current clinical practice guidelines for the treatment of endocrine disorders resulting from sepsis and septic shock. |
shock.