Caring Hands, Vital Roles:
Perioperative Techs, the Heartbeat of the Operating Room

A Four-Hour Seminar for Perioperative Techs: Surgical, Central Sterile and Anesthesia Techs

Saturday, October 26, 2024 | 9:00am to 2:00pm (ET)

9:00am	**PARTICIPANTS LOGIN**
9:20am – 9:30am	**Welcome and Introductory Remarks**
9:30am – 10:30am	**""Nurturing Success: Keys to Being an Effective Preceptor and Supporting Preceptees"** **Karen Rowan, MSN, RN, NPD-BC, CNOR** **Descriptive Summary:** This presentation will focus on ways to equip surgical technologists, anesthesia technicians and sterile processing technicians with the skills and knowledge to become successful preceptors. Strategies for creating a supportive learning environment and fostering critical thinking in preceptees will be discussed. Ways to mentor new team members, assist them with challenges they may face and promote their professional growth and confidence will be addressed. **Learning Objectives:** 1. Understand the core responsibilities of a preceptor in guiding and supporting surgical technologists, anesthesia technicians and sterile processing technicians through their orientation and training; 2. Recognize the communication, mentoring and leadership skills necessary to create a positive, encouraging atmosphere for preceptees, ensuring their success and integration into the team; and 3. Identify common challenges new team members encounter, including knowledge gaps, stress and adaptation to workflows, and explore strategies to mitigate these issues while supporting preceptees' growth.
10:30am – 11:30am	**""Innovations in Heart Care: An In-Depth Look at the CardioMEMS Procedure""** **Lauren A. Phifer, CST** **Descriptive Summary:** The Acronym M.E.M.S stands for microelectromechanical systems. It is a technology of microscopic devices incorporating both electronic and moving parts. This type of technology is built into everyday objects and electronic devices made and used today. The ability of MEMS devices to be able to run with very low power consumption and at the same time have a minimal impact on their operating environment, specifically making them ideal for certain medical devices and systems. For ex. Hearing Aids. MEMS used in the medical field are primarily sensors and actuators located close to a body organ to monitor its performance and, when necessary, to initiate some remedial action. This presentation focuses on the use of MEMS technology in the CardioMEMS Heart Failure(HF) System, a wireless sensor that monitors heart failure by measuring pulmonary artery pressure and transmits the data to a cardiologist. This real-time monitoring allows early and immediate intervention if needed when treating patients diagnosed with Chronic Heart Failure (CHF). This also greatly reduces frequent urgent care visits and hospitalization stays. While giving an in-depth look into the makings and application of the CardioMEMS HF device we will also take into consideration the many diverse medical professionals that play a role in this life-sustaining and saving procedure. **Learning Objectives:** 1. To define and understand acronym the MEMS – specifically, the cardio-MEMS procedure; 2. Understand the significance of indications and contraindications; 3. The importance of understanding the contribution that is needed from the multi-disciplinary perioperative roles; 4. Gain knowledge about what exactly is required for this procedure under the broad umbrella of medicine beginning with patient candidacy to intraoperative technique to post-op monitoring.
11:30am	**BREAK**
12:00pm – 1:00pm	**"Critical Support: The Role of Perioperative Techs in Vascular Surgery"** **Jessica O'Connor MSN, RN, CNOR** **Descriptive Summary:** This presentation will focus on the value of surgical technologists and sterile processing techs in the operating room, including differences and similarities in their training, skills and responsibilities. Table setups and trays that result in both positive and negative outcomes, and the effect they have on the operations of the entire perioperative team, will be discussed. **Learning Objectives:** 1. Describe the role of a sterile processing technician in open vascular and endovascular surgeries; 2. Provide examples of a table setup and the importance of organization; and 3. Discuss instruments that are specific to vascular surgery and the importance of their proper handling and management.
1:00pm – 2:00pm	**"Caring Through Cleanliness: Sterilization, Infection Control and Patient Safety"** **Kristina Manetta, CST** **Descriptive Summary:** This presentation will focus on the importance of preventing surgical site infections, which are the second most common type of adverse event among hospitalized patients, to help maintain patient safety. Engaging in proper infection control measures and sterilization practices to provide patients with the care they deserve will be discussed. **Learning Objectives:** 1. Understand the effectiveness and necessity of proper sterilization; 2. Recognize and appreciate that sterilization is a team effort; 3. Speak up to prevent infection in patients; and 4. Discuss how to make changes that will benefit patients.
2:00pm	**PROGRAM END**