

11th Annual Comprehensive Review & Update of Perioperative Echo

Statement of Need

Ultrasonography has become an integral tool for the perioperative management of surgical patients. Echocardiography, in particular, remains the fundamental diagnostic modality and monitor of perioperative cardiac performance, however its utility is no longer limited to cardiac surgical patients. Non-cardiac surgical applications of perioperative echocardiography are rapidly becoming appreciated and incorporated into routine practice. Furthermore applications of perioperative ultrasound have extended beyond echocardiography to include imaging of non-cardiac vascular structures and the facilitation of peripheral nerve blockade. In order to utilize these modalities, comprehensive knowledge and expertise in the ultrasound technology and its clinical applications are essential to optimally guide surgical procedures, and direct medical management of patients with cardiovascular dysfunction. The members of the Society of Cardiovascular Anesthesiologists (SCA) and the American Society of Echocardiography (ASE) have mandated interdisciplinary, patient-oriented educational programs to teach the requisite skills necessary to use these diagnostic and monitoring tools effectively, and to assure a positive impact on patient care. This interdisciplinary program sponsored by the SCA and offered in cooperation with the ASE has been developed to meet the growing demand for such educational needs.

Target Audience

This course is designed for anesthesiologists, cardiologists, cardiac surgeons, and sonographers as a comprehensive review of perioperative echocardiography.

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