In today’s competitive and dynamic healthcare climate, it is critical to use your medical imaging systems to their fullest potential. At Philips, we believe clinical education is key to getting the most out of your investment. It is vital that staff stay current on the latest clinical procedures and technologies. With that in mind, our comprehensive clinical education programs are designed to support clinical excellence, increase use of advanced system features, instill physician confidence in the quality of exams, enhance workflow and productivity, and foster professional growth and teamwork – ultimately, to deliver an outstanding patient experience.

Location and date
Crowne Plaza Times Square
1605 Broadway
New York, NY 10019
December 13 – 17, 2016

Registration
Register via phone at 1-800-522-7022 or online at www.learningconnection.philips.com/en/ultrasound-clinical-education-symposiums
- Select the symposium and your course(s)
- Complete the online registration form

Making the most of your investment
Ultrasound Clinical Education Symposium
Clinical Education

Our team of highly skilled Clinical Education Specialists delivers and supports our courses in a unique learning environment of small class sizes, small student-to-instructor ratios and small student-to-system ratios. Our instructors train with luminaries in the field to understand how our technology is applied in daily patient care settings. The Philips team has educated more than 25,000 customers since 2008.

Daytime Courses

Pediatric Ultrasound University (GI309)
December 13, 2016
The one-day, physician-led course will provide the learner a comprehensive overview of the clinical applications, techniques and interpretation of a variety of Pediatric Ultrasound exams. Common pitfalls and imaging challenges will be explained to help reduce the likelihood of misinterpretation in order to increase diagnostic confidence. 7.75 CEUs

Prenatal Diagnosis to Fetal Intervention: The Role of Advanced Ultrasonography (WHC311)
December 13, 2016
The one-day, physician-led course will provide the learner a comprehensive overview of the clinical applications, techniques and interpretation of 3D/4D ultrasonography to aid in the diagnosis and intervention of fetal anomalies. Educational material will be presented in the form of detailed lectures as well as supervised hands-on scanning sessions. 7.75 CEUs

Understanding Myocardial Mechanics (CV350)
December 13, 2016
The one-day course is designed to provide cardiologists and sonographers with the fundamental skills required to analyze high-quality 2D images for myocardial performance. This is the first Philips course solely dedicated to the assessment of myocardial mechanics and strain imaging by speckle tracking echocardiography (STE). The course includes both basic and advanced teaching of myocardial function and is designed for physicians and sonographers that are interested in improving their skills in the interpretation of strain imaging. 5 CEUs

Live Intraoperative 3D TEE (CV325)
December 13 – 14, 2016
The two-day course is designed to provide anesthesiologists, cardiologists, and cardiac sonographers with the fundamental skills required to obtain high-quality, Live 3D TEE images and the confidence to immediately incorporate Live 3D TEE into their practice. 9 CEUs

The Surgeon’s View (CV330)
December 13 – 14, 2016
The new two-day course provides surgeons, anesthesiologists, cardiologists, and sonographers a successful algorithm for a heart valve clinic approach using 2D and 3D TEE for optimal patient and surgical selection for minimally invasive and hybrid suite cardiac surgery. 11 CEUs
Advanced Customer Training General Imaging
2D & 3D EPIQ *(GI213)
December 13 – 14, 2016
This two-day program provides a solid foundation in the principles and clinical applications for general imaging, obstetrics and basic vascular exams on the EPIQ ultrasound system.

Day one – Provides an introduction to image optimization and acquisition on the EPIQ ultrasound system. The course will also cover a variety of advanced features which improve diagnostic confidence and workflow. Educational material will be presented in the form of lectures as well as instructor led hands-on scanning sessions. 5.0 CEUs

Day two – Provides an introduction to the Volume Imaging applications of the EPIQ ultrasound system. Participants will learn 3D image acquisition, optimization and manipulation on EPIQ through detailed lectures and instructor led hands-on scanning workshops. The course also provides an overview of xMATRIX technology and functionality including Panoramic Volume Imaging. 5.50 CEUs

Musculoskeletal Ultrasound University
(GI-MSK306)
December 13 – 14, 2016
The Musculoskeletal Ultrasound University is a two-day, physician-led course that will provide a comprehensive overview of the practical applications, techniques, and interpretation of MSK imaging. 11.5 CEUs

Understanding Myocardial Mechanics 2 (CV351)
December 14, 2016
The one-day course begins with a review of the basic understanding and essential measurements required for the assessment of diastolic function. Technical aspects including how to obtain quality tracings and measurements will prepare the attendee for the live scanning sessions. In addition, the program will include cases demonstrating concordant and discordant information and how to troubleshoot diagnosis. Live scanning workshops will demonstrate what and where to measure for diastolic evaluations. 5 CEUs

Breast Ultrasound Advanced Customer Training
(GI-WHC204)
December 14, 2016
The one-day course consists of advanced and intensive training to provide information necessary to acquire knowledge as it applies to the application of breast ultrasound. Educational material will be presented in the form of lectures as well as instructor led hands-on scanning sessions. 6 CEUs

Principles and Essentials of Live 3D Echocardiography (CV360)
December 14 – 15, 2016
The two-day class is designed to provide cardiologists, cardiac anesthesiologists and cardiac sonographers with the understanding of how Live 3D technology contributes to patient care, what conditions and procedures are diagnosed and facilitated by Live 3D technology, and how to apply Live 3D, xPlane and 3D data analysis in the cath lab and in the OR for those interventional and operative procedures. 14.5 CEUs

Peripheral Venous Duplex Sonography (VASC333)
December 15, 2016
The one-day, physician-led course will be delivered through lectures, case studies and interactive hands-on sessions. Peripheral Venous Duplex sonography is a non-invasive method used to evaluate the venous anatomy of the limbs, the central veins of the head and neck, the pelvic veins and the inferior vena cava. This method of evaluation is a very useful tool for the identification of superficial and deep venous thrombosis, venous insufficiency assessment, and vein mapping for venous grafting. 7 CEUs

Breast Ultrasound University (GI-WHC307)
December 15, 2016
The Breast Ultrasound University is a one-day, physician-led course that will provide a comprehensive overview of the practical applications, techniques and interpretation of breast ultrasound, including breast elastography. 7.75 CEUs
Understanding Myocardial Mechanics for Peds (CV350)
December 15, 2016
The one-day course is designed to provide cardiologists and sonographers with the fundamental skills required to analyze high-quality 2D images for myocardial performance in pediatric patients. This is the first Philips course solely dedicated to the assessment of myocardial mechanics and strain imaging by speckle tracking echocardiography (STE). The course includes both basic and advanced teaching of myocardial function and is designed for physicians and sonographers that are interested in improving their skills in the interpretation of strain imaging. 5 CEUs

Live 3D TEE for TAVR 2 day program (CV311)
December 15 – 16, 2016
The two-day course is designed to provide interventional cardiologists, non-interventional cardiologists, cardiac anesthesiologists and cardiac sonographers on TAVR teams with the fundamental skills required to obtain and analyze high-quality Live 3D TEE images. The course focuses on the images and analysis needed for TAVR procedures. 7.75 CEUs

Women’s Healthcare Volume Imaging University (WHC301)
December 15 – 17, 2016
The Women’s Healthcare Volume Imaging University is a three-day program that provides a solid foundation in the principles and clinical application of volumetric imaging as it applies specifically to women’s healthcare. Day One - focuses on the basics of image acquisition and volume data set manipulation. Days Two and Three - are physician-led lectures and hands-on sessions that cover the acquisition and manipulation of fetal heart volumes using spatial temporal image correlation (STIC) and QLAB, and the acquisition and manipulation of GYN, first trimester, fetal spine and fetal head volume datasets. 15 CEUs

Thinking in 3D (CV302)
December 15 – 17, 2016
Real-time 3D echo is expanding the clinical utility of echocardiography by non-invasively bringing the live beating heart to places it has never been before—into the hands of physicians who are planning or performing surgical and interventional procedures, into the EP lab and beyond. This is a unique and up-close way to learn in an intensive, informal and intimate setting. Students have the opportunity to participate in a lively and interactive question-and-answer session. 17 CEUs

Ultrasound in Critical Care (POC218)
December 16, 2016
The intense, comprehensive one-day course focuses on the use of ultrasound in critical care settings. Attendees will explore four topics relating to ultrasound as a diagnostic tool in both the emergency room and critical care units. Hands-on workshops will include the use of live models as well as ultrasound phantoms for peripheral vascular and central line access. 7.5 CEUs
Introduction to Transcranial Doppler Imaging (VASC370)
December 16, 2016
Transcranial Doppler Imaging (TCDI) is a non-invasive vascular duplex test used to evaluate the circle of Willis and the vertebrobasilar arteries using various acoustic windows. The one-day course provides the basic knowledge needed to begin scanning the intracerebral arteries. Interesting case studies and supervised hands-on sessions are also included. 5 CEUs

Liver Elastography University (GI310)
December 16, 2016
The Liver Elastography University is a one-day course that will be co-delivered by a physician and the Ultrasound Clinical Education Specialists. The course will provide an overview of image optimization and a review of general liver ultrasound including color and pulsed Doppler. Additionally, the physician-led portion will provide a comprehensive overview of the practical applications, techniques and interpretation of Liver Elastography. 8.50 CEUs

Live 3D TEE Practical Application (CV320)
December 16 – 17, 2016
Live 3D TEE provides cardiologists, anesthesiologists, and cardiac surgeons with innovative, inspiring and realistic views to aid in patient care. The two-day course includes lectures, case presentations, informal discussions, and hands-on workshops. In addition, wet lab porcine heart dissections enhance understanding of 3D cardiac anatomy. 9.5 CEUs

Mitral Valve Imaging (CV361)
December 17, 2016
The one-day course is designed to provide heart surgeons, interventional cardiologists, non-interventional cardiologists, cardiac anesthesiologists and cardiac sonographers with the fundamental skills required to obtain and analyze high-quality Live 3D TEE images. The course focuses on image 3D TEE images and analysis needed for interventional Mitral Valve procedures. 8 CEUs

Practical Ultrasound for Field Service and Biomedical Personnel (FUN204)
December 17, 2016
The Philips Clinical Education full day course is designed for individuals looking to learn the fundamentals of ultrasound imaging. It focuses on delivering the knowledge and practical skill for obtaining basic cardiac, vascular and abdominal ultrasound images. The course includes lectures and hands-on scan workshops. Program topics include transducer manipulation, image acquisition, sonographic windows, 2D and Doppler image optimization techniques, and analysis tools. 6.75 CEUs

Ultrasound of Advanced Renovascular Disease (VASC380)
December 17, 2016
This Philips Clinical Education full-day course for noninvasive vascular ultrasound technologists is developed to meet the climbing need to standardize performance protocols and diagnostic criteria for noninvasive evaluation of complex renal pathologies. Program topics include a brief review of renal anatomy and physiology, pathophysiology of and sonographic evaluation of renal artery stenosis, chronic and end-stage renal disease, dialysis access arterio-venous fistula evaluation and renal transplantation. 7.75 CEUs

Advanced Fetal Doppler Assessment (GI-WHC304)
December 17, 2016
This is a one-day, physician-led course that will provide the learner with information on the clinical applications and techniques of fetal Doppler evaluation and interpretation. 7.5 CEUs
Evening Courses (6 – 8pm)

Ultrasound Guided Peripheral Vascular Access (POC116)
December 13, 2016
The course will review the anatomy and sonographic appearance of the upper extremity peripheral veins often used for vascular access. Attendees will review the steps in performing ultrasound guided vascular access for intravenous (IV) cannulation. Using vascular access phantoms, attendees will also have the opportunity to perform needle access under ultrasound guidance. 1.5 CEUs

Central Line Placement with Ultrasound (POC110)
December 14, 2016
The course reviews the central venous anatomy including femoral, jugular, and subclavian veins. Attendees will also review ultrasound protocol for imaging and identification of the central veins before, during and after needle insertion. Technical approach and pitfalls are also discussed. Using vascular access phantoms, attendees will also have the opportunity to perform central line placement under ultrasound guidance. 1.5 CEUs

Critical Care Lung Ultrasound (POC114)
December 15, 2016
The course reviews the use of ultrasound to identify lung and pleural space abnormalities including pleural effusion, pneumothorax, atelectasis, and lung consolidation. Learners will also review the clinical criteria and process for ultrasound guided chest tube insertion and the BLUE protocol (Bedside Lung Ultrasound in Emergency) for acute respiratory failure in critical care. Attendees will have the opportunity to perform lung ultrasound on live models. 1.5 CEUs

FAST Exams (Focused Assessment with Sonography in Trauma) (POC112)
December 16, 2016
The course reviews the clinical indication for ultrasound use in traumatic injury, the appropriate sonographic views in the FAST protocol, and normal and abnormal sonographic findings. Ultrasound views discussed include: the right sided Morrison’s pouch, the left perisplenic view, imaging of the pericardium and the pelvis. Attendees will have the opportunity to practice the FAST protocol on live models using Philips ultrasound imaging systems. 1.5 CEUs

*Customer can take one or both days

For more information visit
www.learningconnection.philips.com/ultrasound