**The Heart Beat of Cardiology** is a premier educational venue for echocardiography in clinical practice. This is held collaboratively with the University of Chicago Medical Center. The program is designed to accommodate the evolving needs of inquisitive attendees.

Topics covered will include practical knobology and image acquisition live scanning, echocardiography, endocardial/pericardial disease, ischemic heart disease, vascular health, contrast, heart failure, diastolic function, new technologies, and valvular heart disease.

**Unique Features:** Audience response system to enhance immediate feedback. Easy access to faculty members. One-on-one interaction. Efforts will be made to introduce the clinical applications using new technology, however, there is no hands-on experience provided. Self-assessment questions to gauge outcome.

**INTENDED AUDIENCE**

This program is designed for adult cardiologists, cardiovascular surgeons, anesthesiologists, radiologists, nurses, cardiac sonographers, and fellows in training. Participants should have practical knowledge of echocardiography.

**COURSE DIRECTORS**

ROBERTO M. LANG, M.D., FACC, FAHA, FESC, FASE, FRCP

STEVE R. OMMEN, M.D., FACC, FAHA

**COURSE LEARNING OBJECTIVES**

Upon conclusion of this program, participants should be able to:

- Identify and quantitate valvular heart disease severity, apply current guidelines, and use the ASE standard for quantification
- Apply conventional and tissue Doppler techniques to diastolic function analysis
- Interpret stress echocardiographic examinations
- Differentiate athletes heart from hypertrophic cardiomyopathy

Attendance at this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

**REGISTRATION FEES**

$755 (MD, PhD, DO, PharmD)

$565 (Fellows in Training, Sonographer, RN)

The registration fee includes tuition, electronic course syllabus, continental breakfasts, break refreshments, and lunches. Although it is not Mayo Clinic Cardiovascular CME policy to limit the number of registrants for a course, conference room facilities may necessitate closing of enrollment; therefore, early registration is advised. Enrollment for this program is limited.

**ONLINE REGISTRATION AVAILABLE AT**[cveducation.mayo.edu](http://cveducation.mayo.edu)

**ACCREDITATION**

Mayo Clinic College of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Mayo Clinic College of Medicine designates this live activity for a maximum of 16.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Other Health Care Professionals**

A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.