

Echo in Context

Background

Now in its 17th year, Echo in Context is the **longest standing and most watched recurring telemedicine educational event in the world**. The program is characterized by its ability to present comprehensive information in a concise and easy to understand format. The previous year's audience always decides the topic.

"Heart Failure: Echo's Role in an Emerging Health Crisis" will air live to Europe, the Middle East, the Americas and Asia-Pacific. Broadcast time will be four and one-half hours. The audience is able to FAX or e-mail comments and questions directly to the live panel. The program always begins and ends precisely on time.

The program occurs on World Echo Day, a day so named because the audience is so large and the reach so vast. Indeed, the program has become a focus to both celebrate and critically examine echocardiography in a global perspective. It is the most popular program in all the world of echocardiography.

You may contact the program at any time by e-mail at: echo@mc.duke.edu

Why Attend?

Heart failure is a growing problem of great significance as world populations age and more and more patients develop ischemic heart disease. There are now nearly 500,000 new cases a year in the US alone, and it is predicted it will affect more than 5 percent of the world's population by 2010.

• What are the origins of heart failure?

• What are the methods of evaluation?

• What are the best diagnostic approaches?

• How are these methods evaluated and critically reviewed?

• What is the role of conventional 2D, stress and contrast echo in diagnosis and management?

• What are the newest treatments?

• How can echo change your practice?

• How can echo influence outcome?

The newest and latest pragmatic information for practice of everyday echo and Doppler is **critically** reviewed using case-oriented approaches. There are plenty of clinical examples that make this educational program **the most popular of all world echo meetings**.

This program is most unique and uses concise lectures, case reviews, and faculty discussions to construct a didactic learning experience. There are many visual cues to help beginners or those with English as a second language.

Later in the year the program is available in videotape format for further review. In fact, every annual program for the decade is available on tape to enhance the learning experience.

• To develop an understanding of the origins of heart failure.
• To delineate the role of modern echo methods such as stress echo, Doppler myocardial imaging and contrast echo in evaluation of chest pain.
• To discuss the role of echo in changing outcome.

Cardiologists, sonographers, cardiac surgeons, anesthesiologists, internists, general practitioners, emergency room physicians, nurses, and other health care professionals involved in the care of patients with heart disease should attend.

Viewing Sites

For a detailed listing of sites, please refer to:

www.registramerica.net/duke2002 or call 850-784-6002, ext. 15.

International sites should contact their local Philips representative.

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Program Outline

HEART FAILURE: ECHO'S ROLE IN AN EMERGING HEALTH CRISIS Preliminary Program

TV SESSION I

1. THE EMERGING CRISIS OF HEART FAILURE

Case: The typical patient with heart failure

Mini Panel: Heart failure as a health care crisis

Demonstration: The gross pathology of systolic failure

Lecture: Assessing systolic failure: *Ejection fraction, strain and what's important*

Demonstration: The gross pathology of diastolic failure

Lecture: Diastolic failure: *Impairment of filling*

TV SESSION II

2. THE CLINICAL STATE OF HEART FAILURE

Mini Panel: Heart failure as a health care crisis

Lecture: The role for contrast perfusion

Lecture: Acute and chronic heart failure

Mini Panel: The clinical presentation of heart failure

Cases: Acute and chronic heart failure

Lecture: End stage failure: *Mechanical assist and pre-transplant valve surgery, transplantation and replacement*

TV SESSION III

3. MEASURING HEART FAILURE BY ECHO

Panel: The useful indices of heart failure

Lecture: The "how to" of measuring the useful clinical indices of heart failure. What to do and when to do it.

Panel: Changing the outcome of heart failure

Report: Other incipient echo techniques

Lecture: Surgical strategies: *LV surgical remodeling, mitral and others*

Lecture: Medical strategies: *Drug therapy, pacing, gene therapy*

TV SESSION IV

4. ALTERING OUTCOME

Panel: The echo workup of failure: *What is important and routine? What should be done and when?*

Lecture: Assessing failure over time

Case: Technical hints in patients who are older, more obese

Report: The importance of comparing to the old echo

Lecture: The use of handheld devices

Report: The gross pathology of systolic failure

TV SESSION V

5. NEW THERAPIES AND WHAT IS NEXT FOR ECHO

Lecture: The role for DTI

Lecture: Medical strategies: *Drug therapy, pacing, gene therapy*

Lecture: Surgical strategies: *LV surgical remodeling, mitral valve surgery, transplantation and replacement*

Report: Other incipient echo techniques

Lecture: End stage failure: *Mechanical assist and pre-transplant valve surgery, transplantation and replacement*

Lecture: Medical strategies: *Drug therapy, pacing, gene therapy*

TV SESSION VI

6. THE EMERGING CRISIS OF HEART FAILURE

Panel: The echo workup of failure: *What is important and routine? What should be done and when?*

Lecture: Assessing failure over time

Case: Technical hints in patients who are older, more obese

Report: The importance of comparing to the old echo

Lecture: The use of handheld devices

Report: The gross pathology of systolic failure

Accreditation

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the Duke University School of Medicine and Philips Medical Systems. The Duke University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Credit Statement
After we receive your registration form and fee, we will send you a confirmation letter containing information about, and directions to, your conference site. Please note that online registrations will immediately receive an e-mail confirmation. However, if the online form of payment was by check or coupon, the confirmation letter will be sent only after the check or coupon has been received.

Deadline
Registration ends January 28, 2002. Due to seating limitations, we encourage early registration. Many sites are filled before the deadline date. There will be NO ON-SITE registration. We will accept registrations after January 28, 2002 on a space-available basis. To confirm late registrations, call the teleconference information desk at 1-850-784-6002, ext. 15.

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Mini Panel: The clinical presentation of heart failure

Cases: Acute and chronic heart failure

Lecture: End stage failure: *Mechanical assist and pre-transplant valve surgery, transplantation and replacement*

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