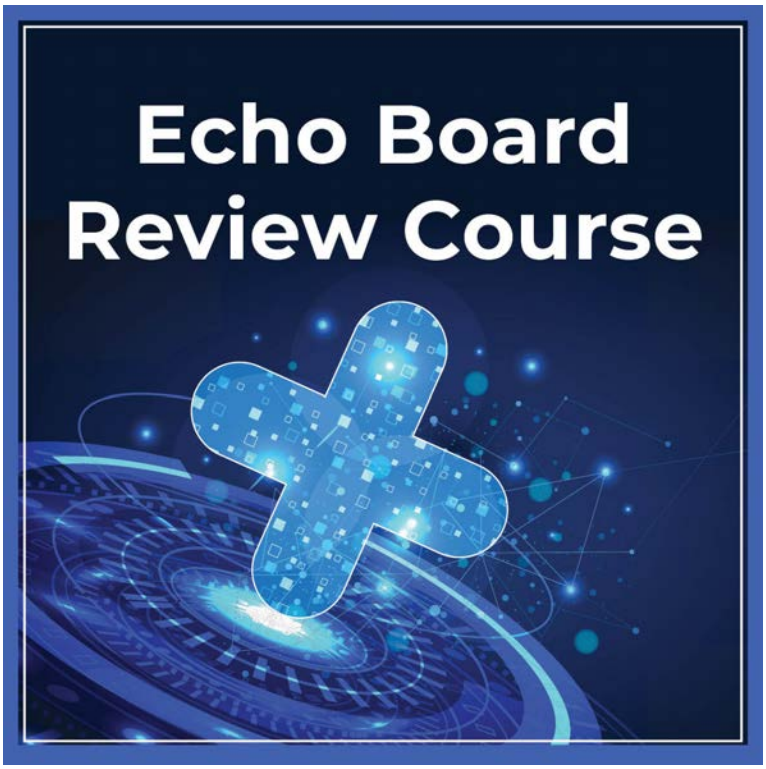
VIRTUAL COURSE | MAY 31 - JUNE 1, 2025



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2025 Echo Board Review Course

Aidan Sharkey, MD
Course Director

Feroze Mahmood, MD, FASE
Co-Course Director

Welcome

Dear Colleagues,

Welcome to the SCA Echo Board Exam Review Course 2025. This course is designed to prepare those undertaking the National Board of Echocardiography Examination of Special Competence in Advanced Perioperative Transesophageal Echocardiography (Advanced PTEeXAM). Throughout the weekend, participants will engage in an in-depth review of ultrasound physics, progressing from fundamental principles to advanced concepts through a series of didactic lectures and workshops.

Additionally, the course includes six 'Mock Exams' which are each comprised of 40 multiple-choice questions, with each question followed by detailed explanation. Expert panel discussions will follow each 'Mock Exam' to further elaborate on key concepts and address participant questions.

We hope you enjoy the course, and we are delighted to support you in this worthy endeavor!

Aidan Sharkey, MD, *Course Director*
Feroze Mahmood, MD, FASE, *Co-Course Director*

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FACULTY

Kendra Derry, MD, FRCPC
St. Michael's Hospital

Anastasia Katsiampoura, MD, PhD
Beth Israel Deaconess Medical Center

Sohail K. Mahboobi, MD FASA
Lahey Hospital & Medical Center

Feroze Mahmood, MD, FASE
Beth Israel Deaconess Medical Center

Mark Robitaille, MD
Beth Israel Deaconess Medical Center

Aidan Sharkey, MD
Beth Israel Deaconess Medical Center

Shweta Yemul Golhar, MD
Beth Israel Deaconess Medical Center

AGENDA | SATURDAY, MAY 31, 2025

10:00 AM – 10:50 AM	**Welcome and Introductions** *Dr. Aidan Sharkey, MD*
10:05 AM – 10:35 AM	**ULTRASOUND PHYSICS 1** *Feroze Mahmood, MD, FASE*
10:35 AM – 10:45 AM	**Break**
10:45 AM – 11:10 AM	**ULTRASOUND PHYSICS 2** *Feroze Mahmood, MD, FASE*
11:10 AM – 11:25 AM	**Break**
11:25 AM – 12:00 PM	**ULTRASOUND PHYSICS 3** *Feroze Mahmood, MD, FASE*
12:00 PM – 1:00 PM	**Lunch**
1:00 PM – 2:15 PM	**MOCK EXAM 1 AND PANEL DISCUSSION** *Mark Robitaille, MD*
2:15 PM – 2:30 PM	**Break**
2:30 PM – 3:45 PM	**MOCK EXAM 2 AND PANEL DISCUSSION** *Sohail Mahboobi, MD, FASA*
3:45 PM – 4:00 PM	**Break**
4:00 PM – 5:15 PM	**MOCK EXAM 3 AND PANEL DISCUSSION** *Shweta Yemul Golhar, MD*

AGENDA | SUNDAY, JUNE 1, 2025

10:00 AM – 10:05 AM	Welcome and Introductions
10:05 AM – 10:40 AM	**HEMODYNAMICS WORKSHOP 1** *Dr. Aidan Sharkey, MD*
10:40 AM – 10:50 AM	Break
10:50 AM – 11:10 AM	**HEMODYNAMICS WORKSHOP 2** *Feroze Mahmood, MD, FASE*
11:10 AM – 11:20 AM	Break
11:20 AM – 11:40 PM	**HEMODYNAMICS WORKSHOP 3** *Feroze Mahmood, MD, FASE*
11:40 PM – 11:50 PM	Break
11:50 AM – 12:15 PM	**HEMODYNAMICS WORKSHOP 4** *Feroze Mahmood, MD, FASE*
12:15 PM – 1:00 PM	Break
1:00 PM – 1:35 PM	**PHYSICS & HEMODYNAMIC CORE PRINCIPLES 1** *Feroze Mahmood, MD, FASE*
1:35 PM – 1:45 PM	Break
1:45 PM – 2:15 PM	**PHYSICS & HEMODYNAMIC CORE PRINCIPLES 2** *Feroze Mahmood, MD, FASE*
2:15 PM – 2:30 PM	Break
2:30 PM – 3:45 PM	**MOCK EXAM 4 AND PANEL DISCUSSION** *Kendra Derry, MD, FRCPC*
3:45 PM – 4:00 PM	Break
4:00 PM – 5:15 PM	**MOCK EXAM 5 AND PANEL DISCUSSION** *Anastasia Katsiampoura, MD, PhD*
5:15 PM – 5:30 PM	Break
5:30 PM – 6:45 PM	**MOCK EXAM 6 AND PANEL DISCUSSION** *Aidan Sharkey, MD*

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Accreditation and Designation Statements

The Society of Cardiovascular Anesthesiologists (SCA) is accredited by the Accreditation Council of Continuing Medical Education to provide continuing medical education for physicians. SCA designates this virtual-live activity for a maximum of 12 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Educational Learning Objectives

After completing this activity, the participant should be better able to:

- Review the fundamentals of ultrasound physics.
- Perform hemodynamic calculations using ultrasound.
- Define the clinical application of two and three-dimensional echocardiographic imaging and use of Doppler principle to assess normal and abnormal cardiac states.
- Discuss the normal and abnormal anatomy and function of the native and implanted valves using 2D/3D imaging and Doppler derived quantification.
- Assess the integral role of echocardiography guided decision-making in complex surgery, percutaneous therapies, and clinical dilemmas.

HOW TO GET YOUR CME CERTIFICATE

1. **SCAN QR CODE** to get your **CME CERTIFICATE** or Click Here
2. Login and evaluate the meeting.
3. Print all pages of your certificate for your records.

If you have questions regarding your CME certificate, please contact Natalie Baus, nbaus@veritasamc.com.