

11 - 13

AUG 2023

Boston Structural Heart

A virtual "live" CME event covering all key concepts in structural heart disease imaging and beyond, from basics to advance levels including 3D TEE.

[Register Here →](#)

Beth Israel Lahey Health 
Beth Israel Deaconess Medical Center

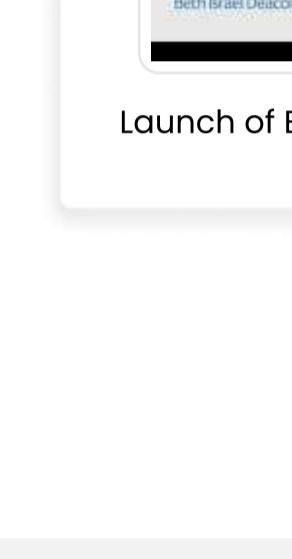
About

This is a first of its kind live virtual CME event, specifically designed to cover all major aspects of structural heart disease (SHD) imaging from basics to advance levels.

Lectures by our esteemed faculty will be live-streamed followed by interactive panel discussions and the audience will get ample opportunity to pose their questions to the experts. We have adopted state of the art presentation style to comprehensively deliver difficult concepts in SHD imaging which includes but not limited to multiplanar reconstruction, 3D echocardiography, complex and challenging pathologies etc.

The topics covered in this course will not only be a bootcamp for fellows-in-training but will also serve as a refresher of key concepts for trained clinicians with an opportunity to learn advance techniques and latest guidelines.

A detailed discussion on ideal workflow and team mechanism during SHD interventions, challenges and solutions to training programs and future directions will create leaders in the field.



Structural Heart Boot camp



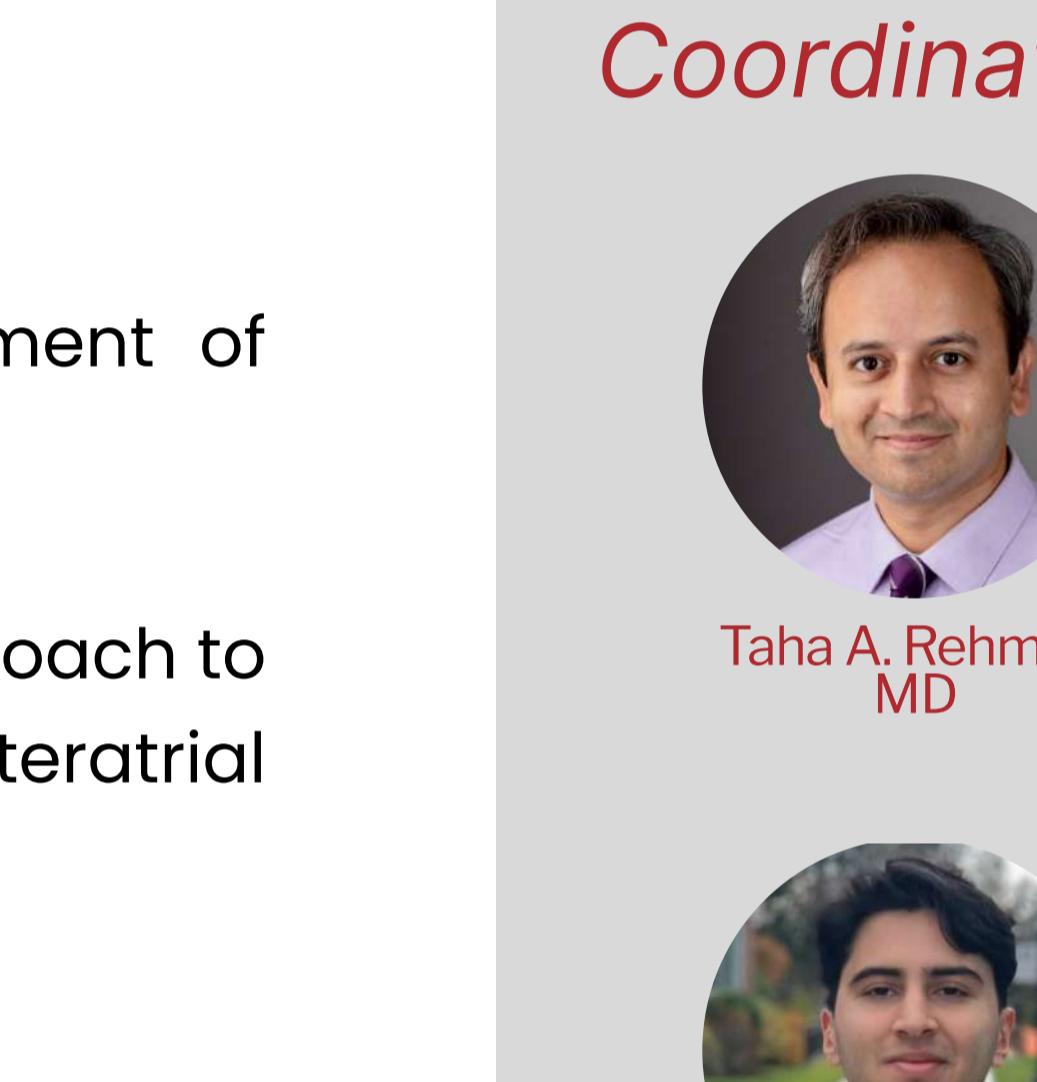
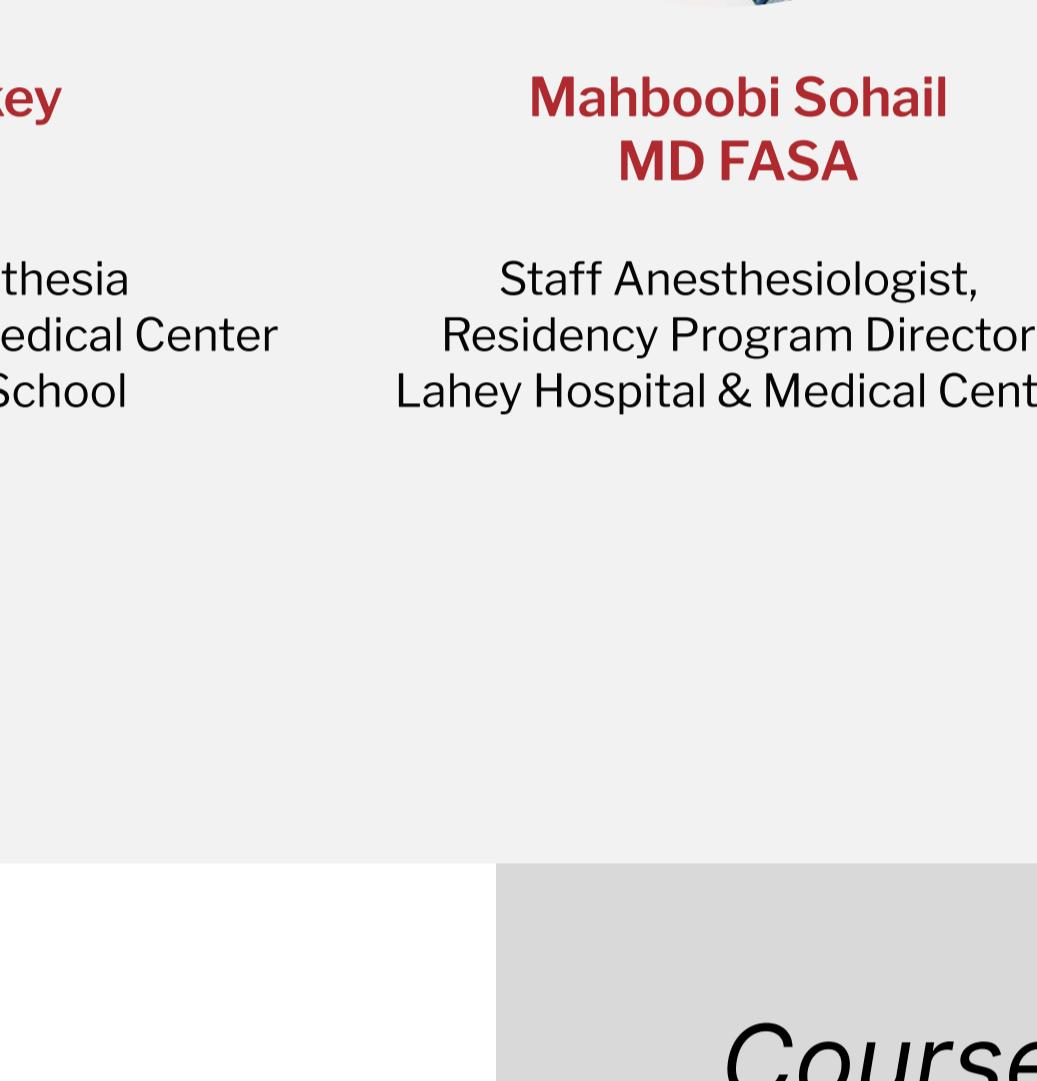
3D Transesophageal Echocardiography



Live Imaging



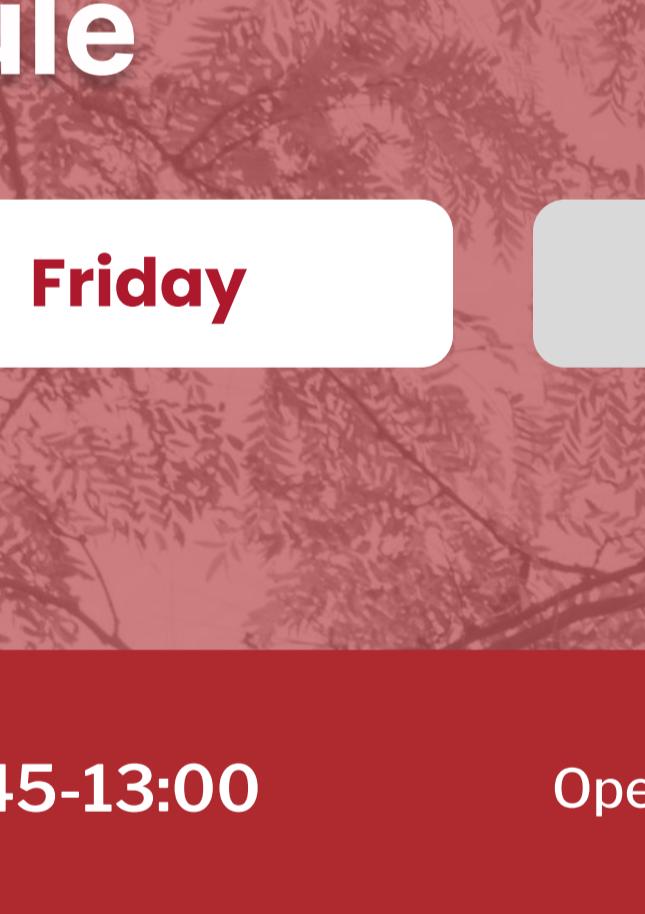
Valvular Symposia



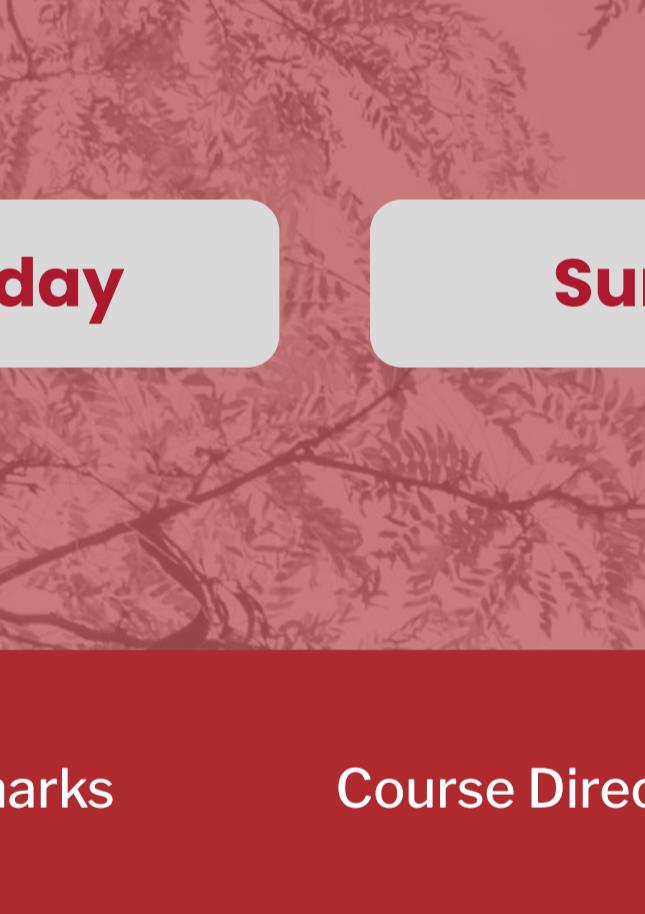
Course Directors



Feroze Mahmood
MD FASE



Ruma Bose
MD



Aidan Sharkey
MD



Mahboobi Sohail
MD FASA

Professor of Anesthesia
Harvard Medical School
Network Chief - Cardiac
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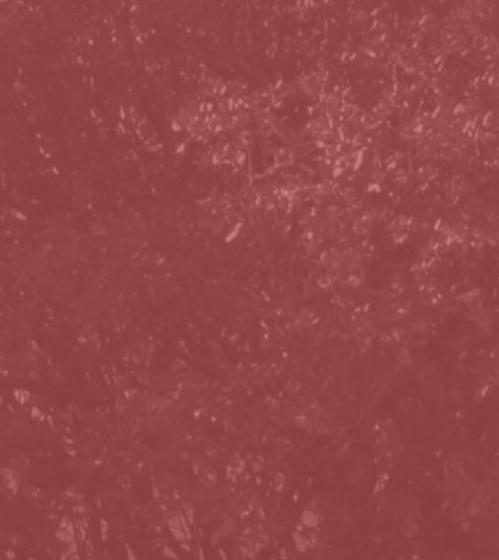
Staff Anesthesiologist,
Residency Program Director
Lahey Hospital & Medical Center

Learning Objectives

Upon completion of the course, participants will be able to:

- Interpret current clinical data in order to optimize the treatment of patients with SHD.
- Recognize basic views of fluoroscopy.
- Analyze 2D and 3D echocardiography with a comprehensive approach to the assessment of the aortic, mitral, and tricuspid valves, the interatrial septum, and the left/right ventricles.
- Identify normal and abnormal non coronary cardiac anatomy.
- Summarize the steps for post-processing analysis for TAVR.
- Recognize novel techniques associated with SHDs.
- Understand the interventional skills for percutaneous transseptal puncture using appropriate transseptal sheaths, wires, needles, and other access devices.
- Identify the echocardiographic steps for different SHDs.
- Employ the best clinical anesthetic practices and be able to manage potential complications of catheter-based therapies for SHD.

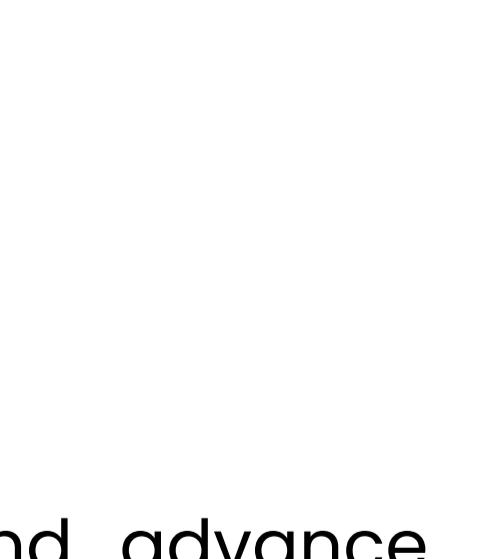
Course Coordinators



Taha A. Rehman,
MD



Rayaan A. Yunus,
BA



Adnan A. Khan,
MD



Yifan Bu,
MD

Accreditation

The Harvard Medical School is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. The Harvard Medical School designates this live activity for a maximum of 23.75 AMA PRA Category 1 Credits. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Course Schedule

Friday

Saturday

Sunday

12:45-13:00	Opening Remarks	Course Directors
13:00-13:30	Physics Of 3D Imaging	Feroze Mahmood
13:30-14:00	Transducer Design	Aidan Sharkey
14:00-14:30	Frame Rate, Line Density, Sector Size	Mario Gallegos
14:30-15:00	Terminology Of 3D Imaging	Feroze Mahmood
15:00-15:15	Afternoon Break	
15:15-15:45	Knobology And Physics	Feroze Mahmood
15:45-16:15	Introduction To Multiplanar Reconstruction	Aidan Sharkey
16:15-16:45	Clinical Application Of Multiplanar Reconstruction	Sohail K. Mahboobi
16:45-17:00	Pose Your Questions To The Experts	

[Register for the Course →](#)

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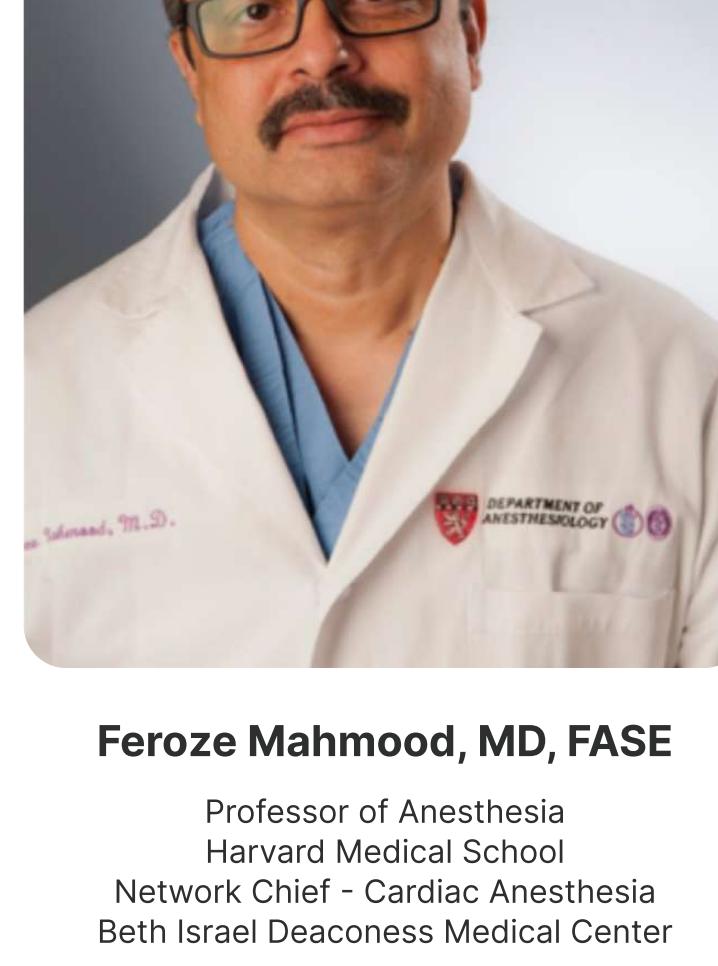
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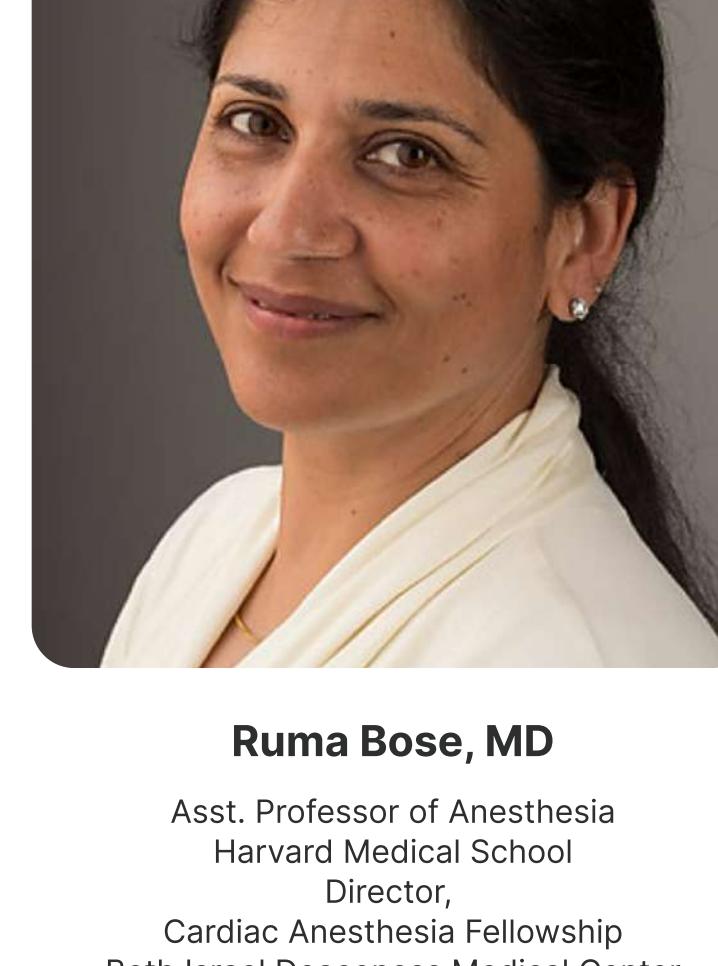


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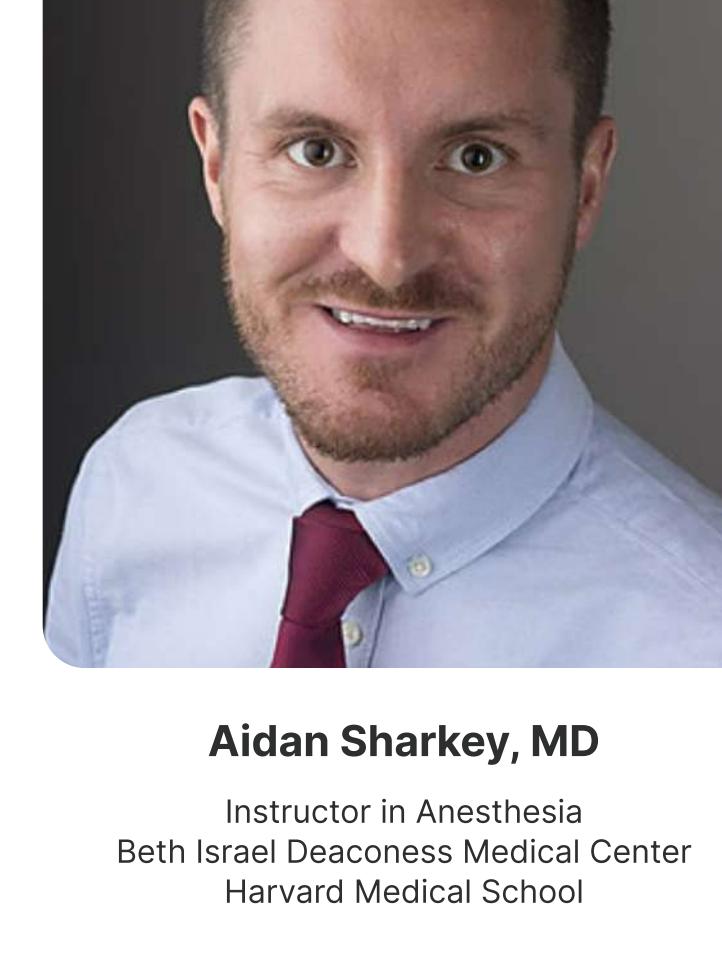
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Network Chief - Cardiac Anesthesia
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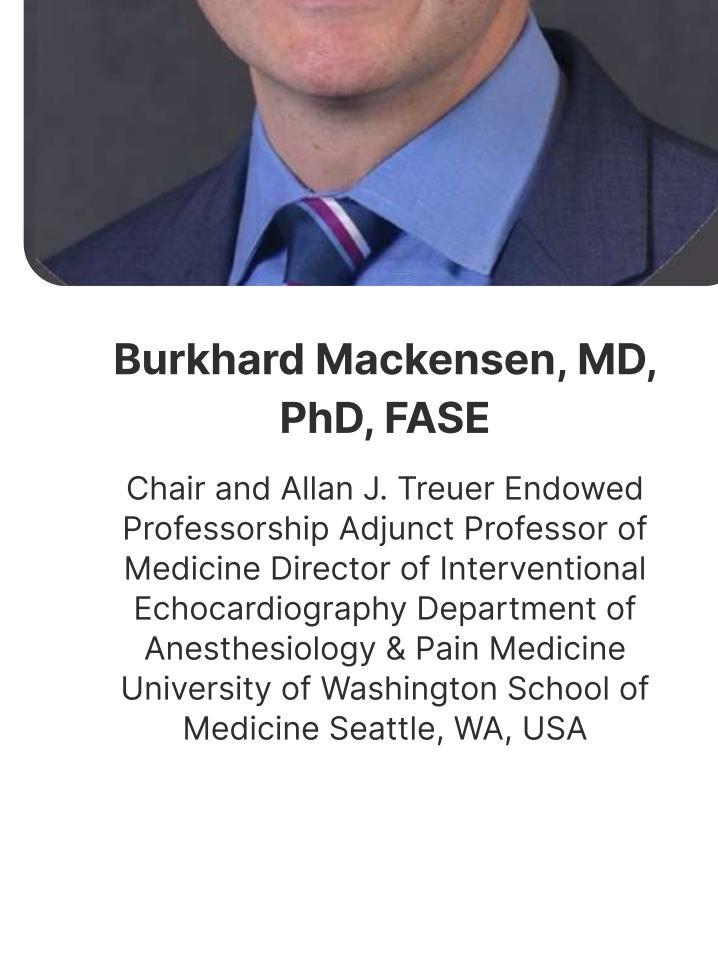
**Aidan Sharkey, MD**

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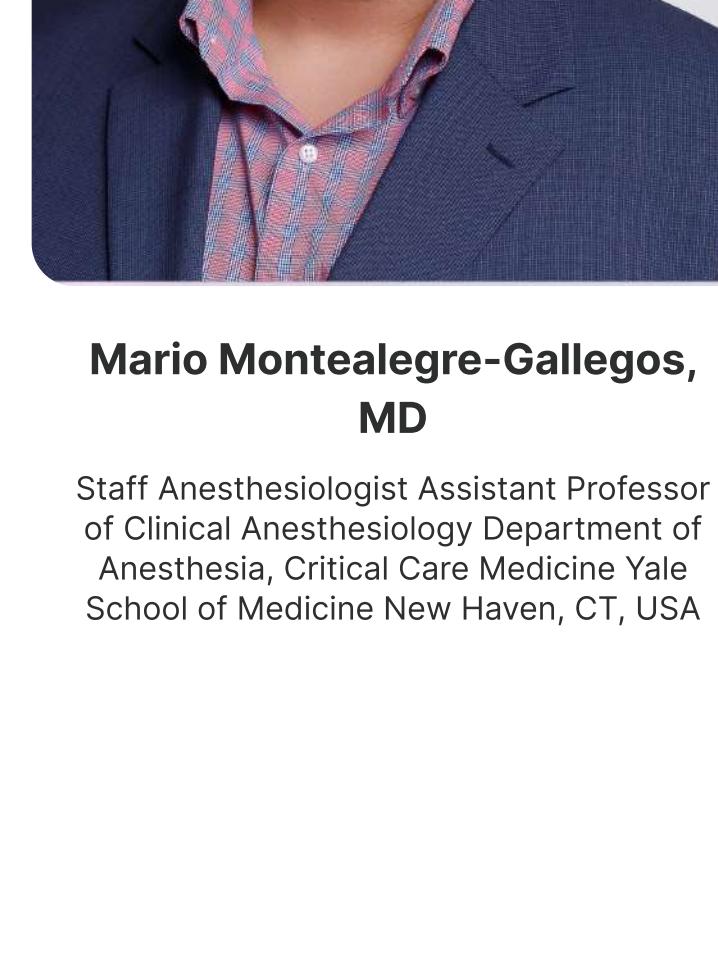
**Mahboobi Sohail, MD, FASA**

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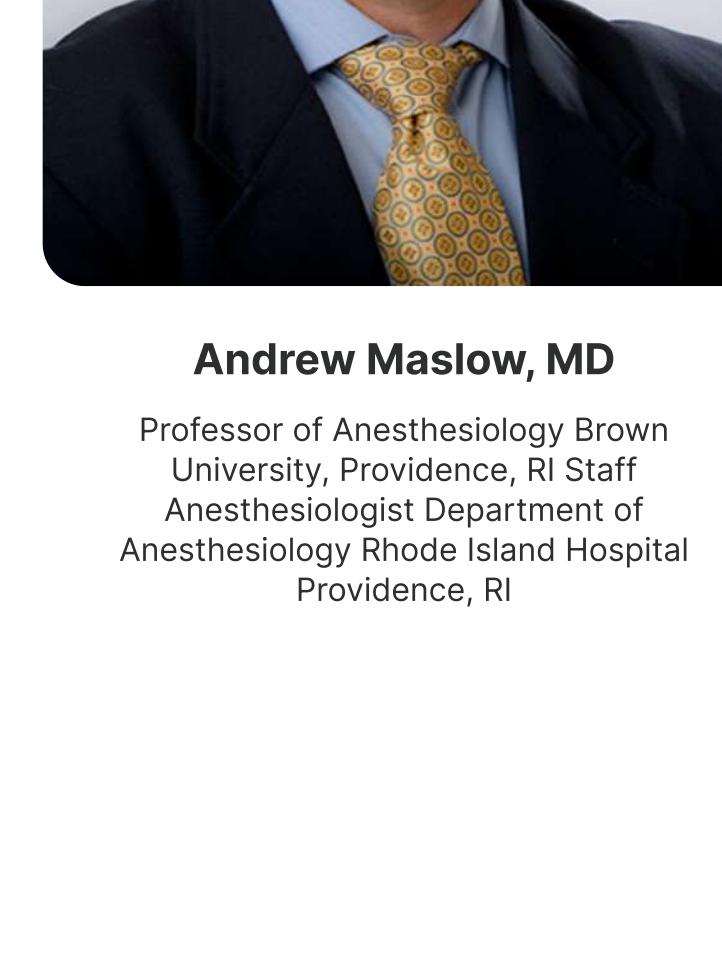
Guest Faculty

**Burkhard Mackensen, MD, PhD, FASE**

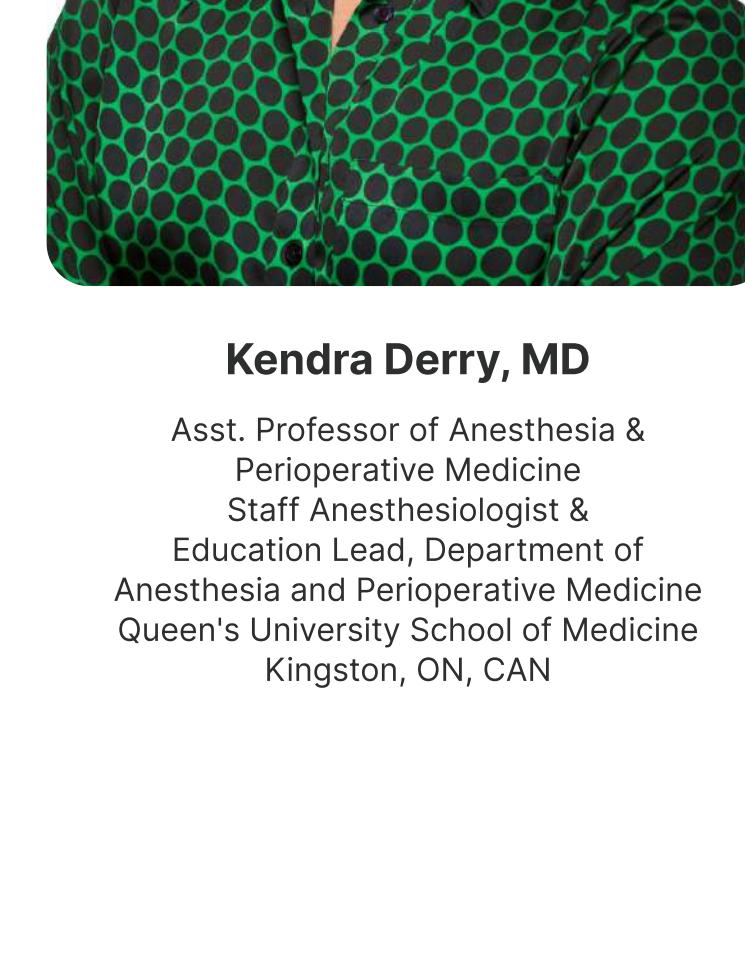
Chair and Allan J. Treuer Endowed Professorship Adjunct Professor of Medicine Director of Interventional Echocardiography Department of Anesthesiology & Pain Medicine University of Washington School of Medicine Seattle, WA, USA

**Mario Montealegre-Gallegos, MD**

Staff Anesthesiologist Assistant Professor of Clinical Anesthesiology Department of Anesthesia, Critical Care Medicine Yale School of Medicine New Haven, CT, USA

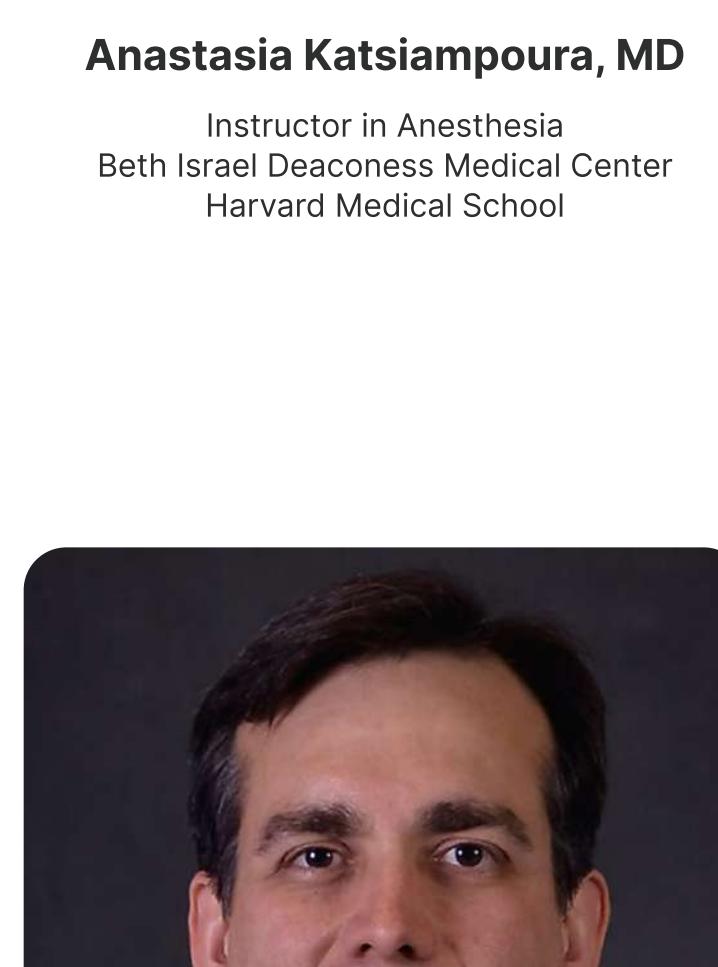
**Andrew Maslow, MD**

Professor of Anesthesiology Brown University, Providence, RI Staff Anesthesiologist Department of Anesthesiology Rhode Island Hospital Providence, RI

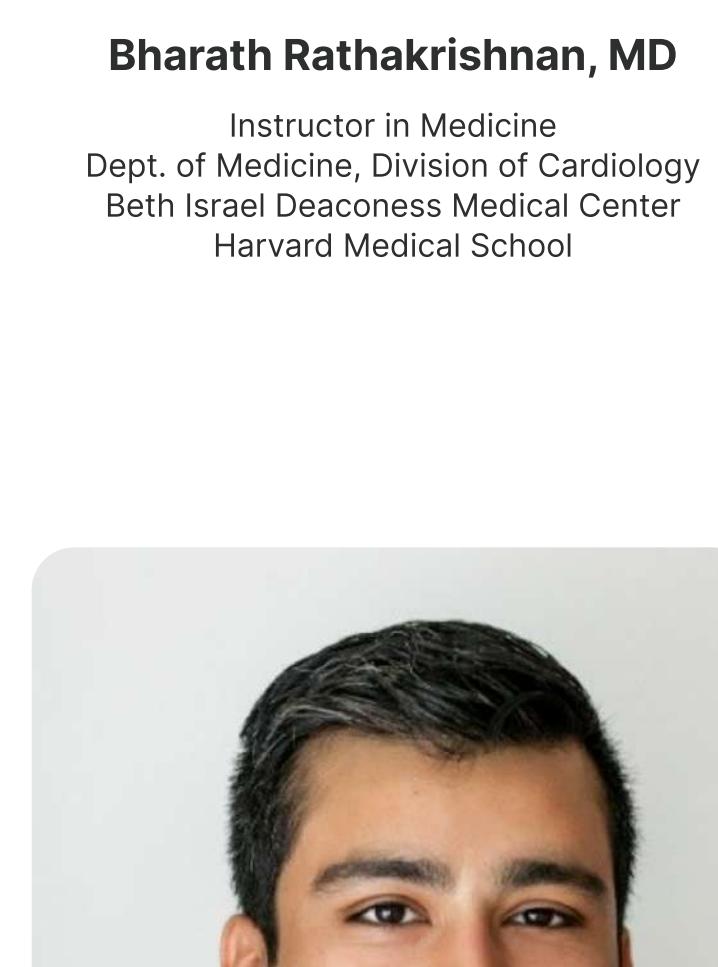
**Kendra Derry, MD**

Asst. Professor of Anesthesia & Perioperative Medicine Staff Anesthesiologist & Education Lead, Department of Anesthesia and Perioperative Medicine Queen's University School of Medicine Kingston, ON, CAN

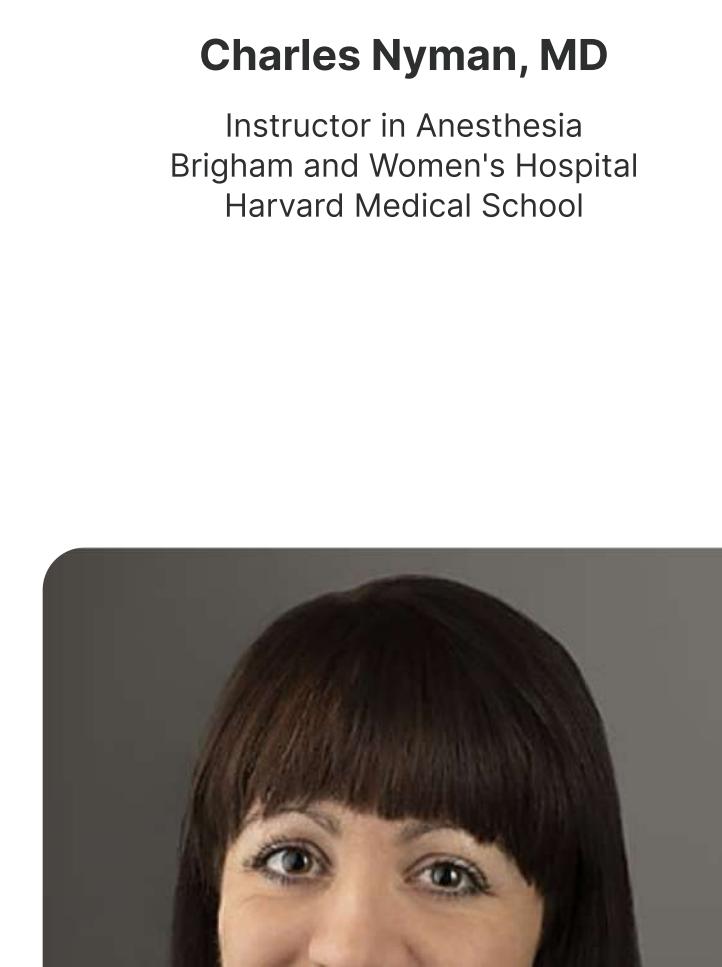
Harvard Medical School Course Faculty

**Anastasia Katsimpoura, MD**

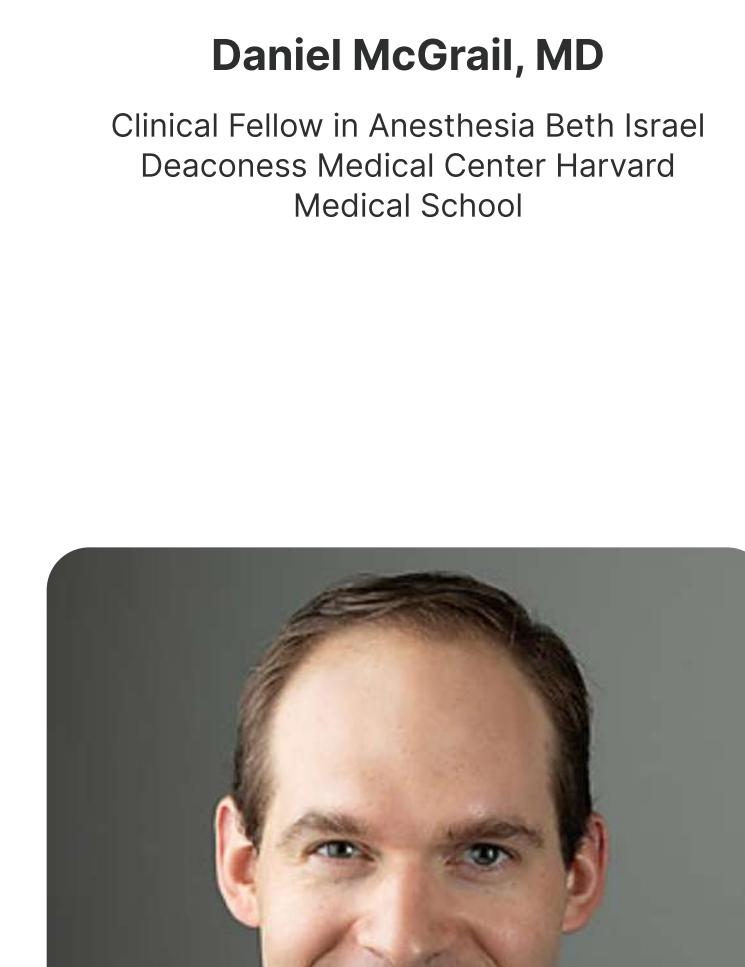
Instructor in Anesthesia
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**Bharath Rathakrishnan, MD**

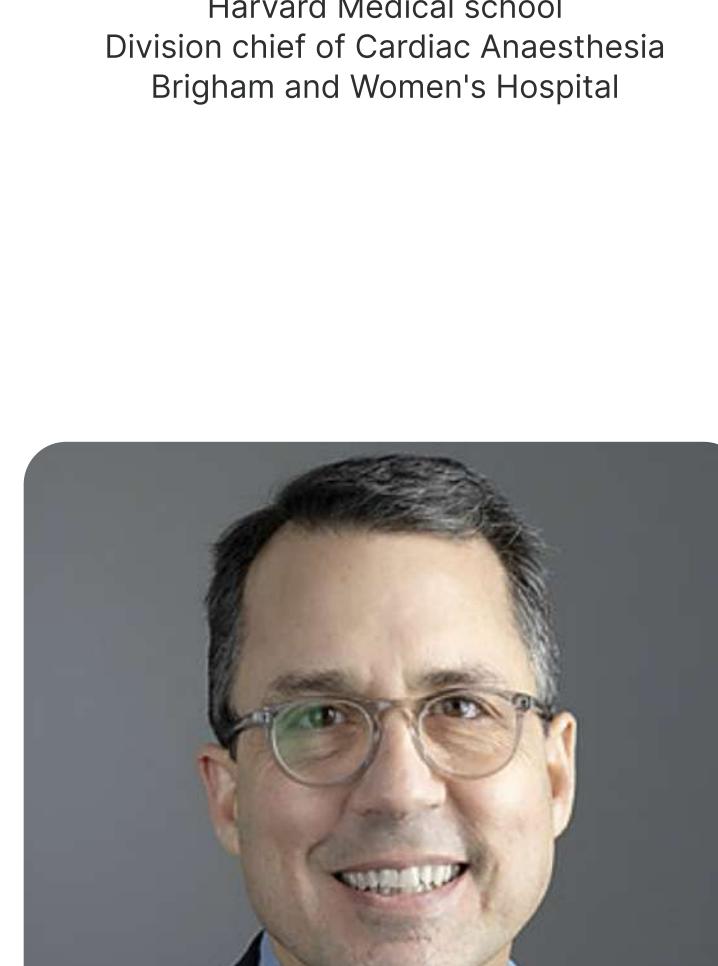
Instructor in Medicine
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**Charles Nyman, MD**

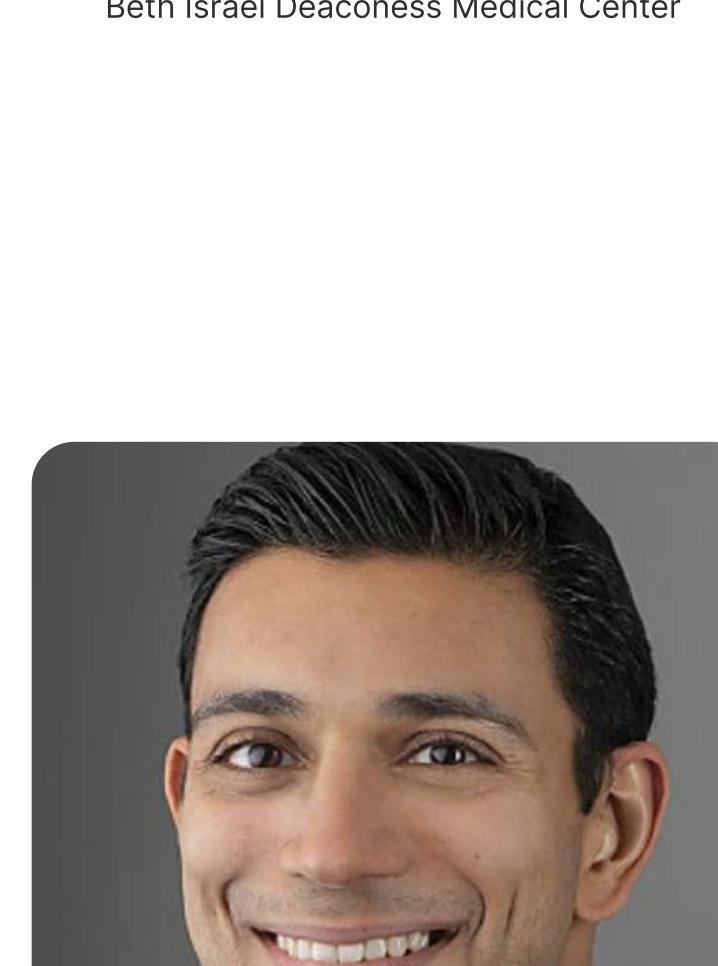
Instructor in Anesthesia
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**Daniel McGrail, MD**

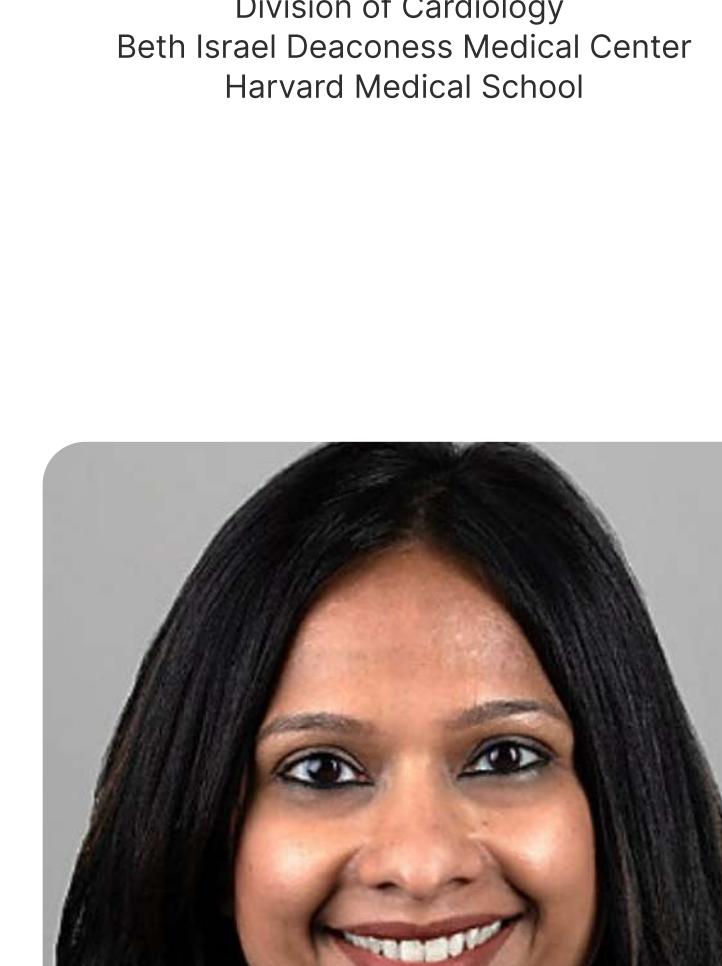
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**Douglas Shook, MD**

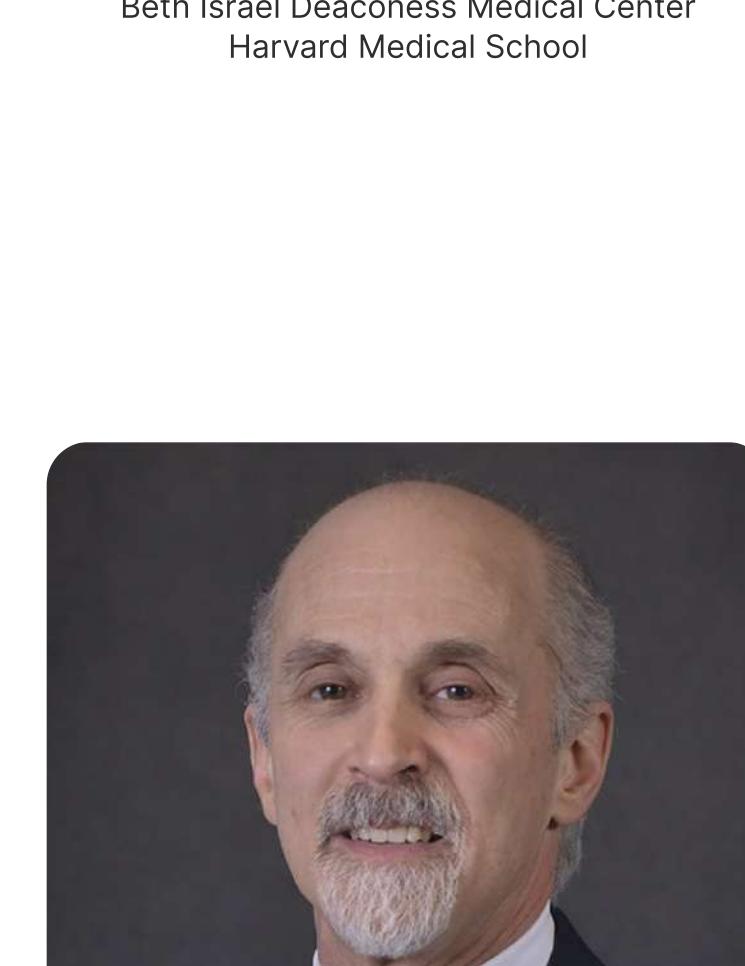
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Brigham and Women's Hospital

**Faraz Mahmood, MD**

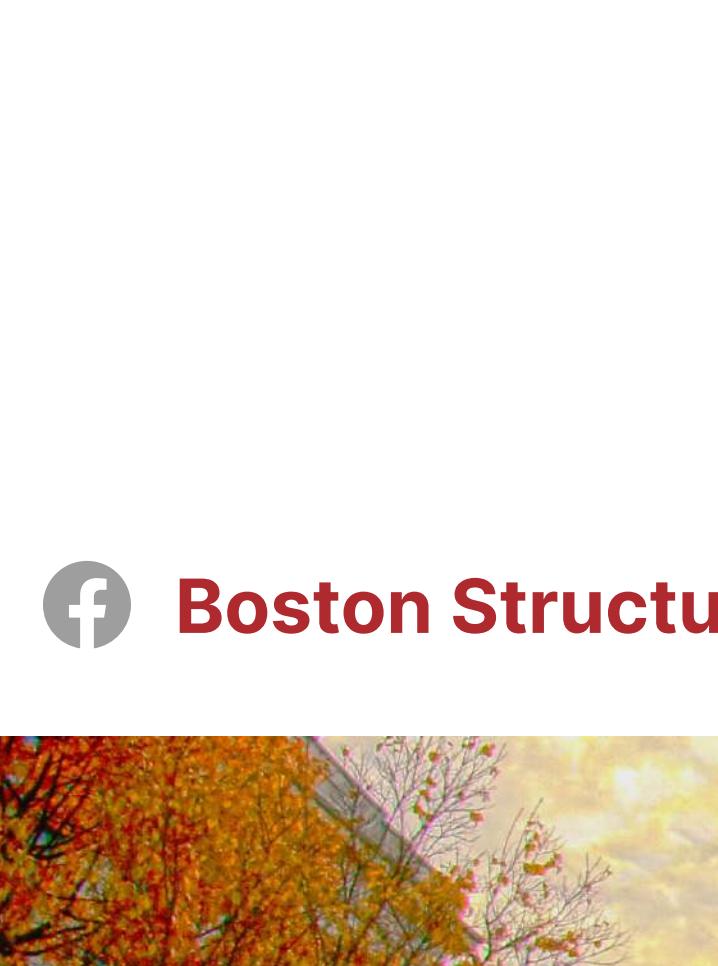
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**Marie France Pouline, MD**

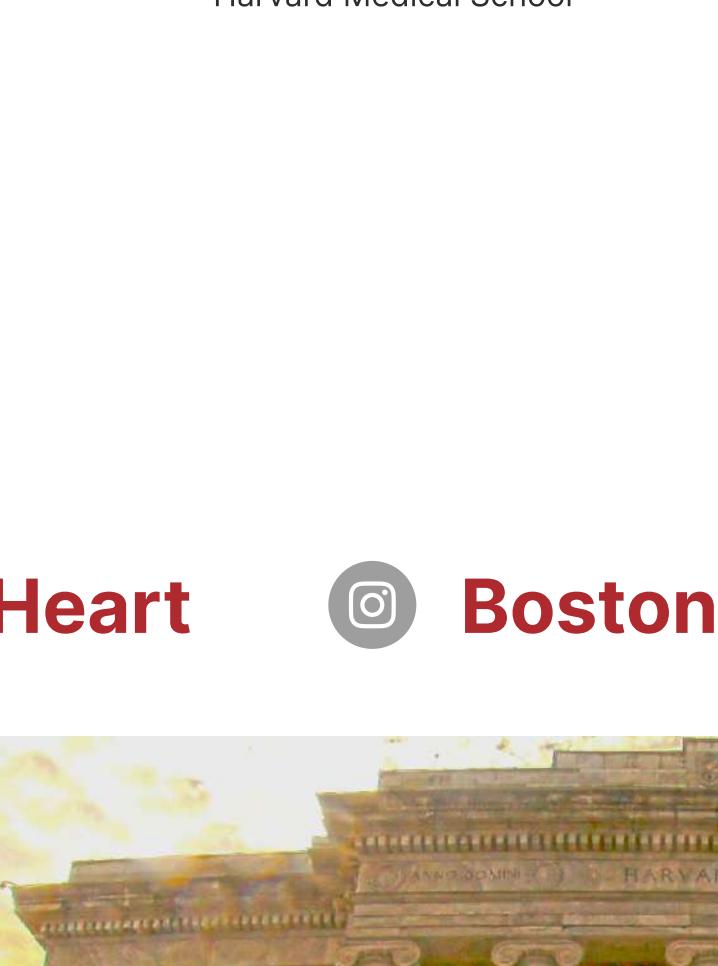
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**Mark Robitaille, MD**

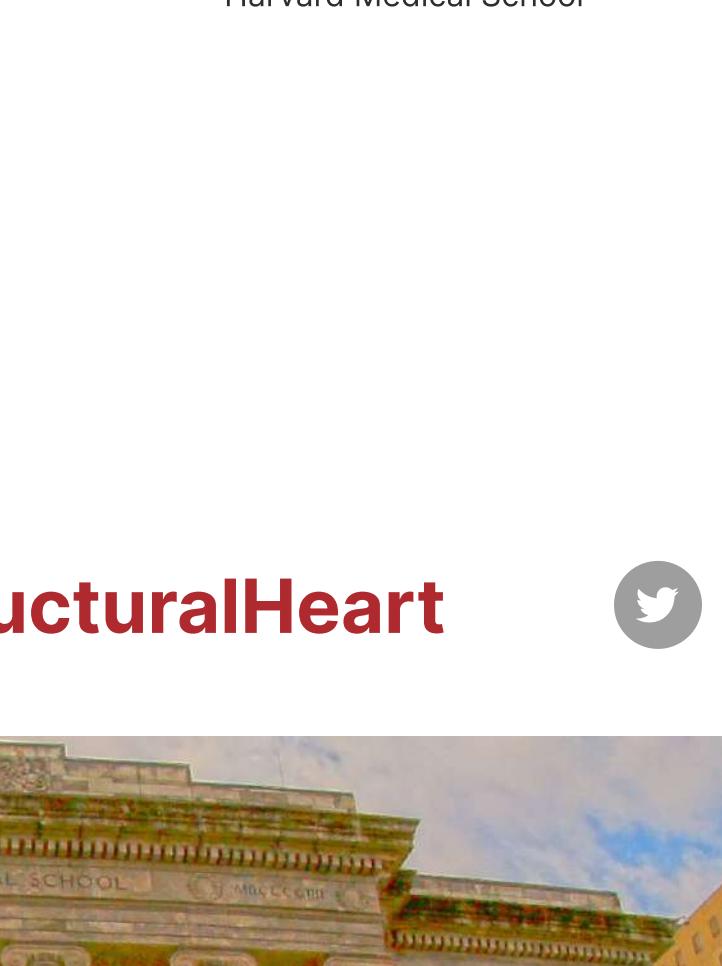
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**James Michael Hearing, MD**

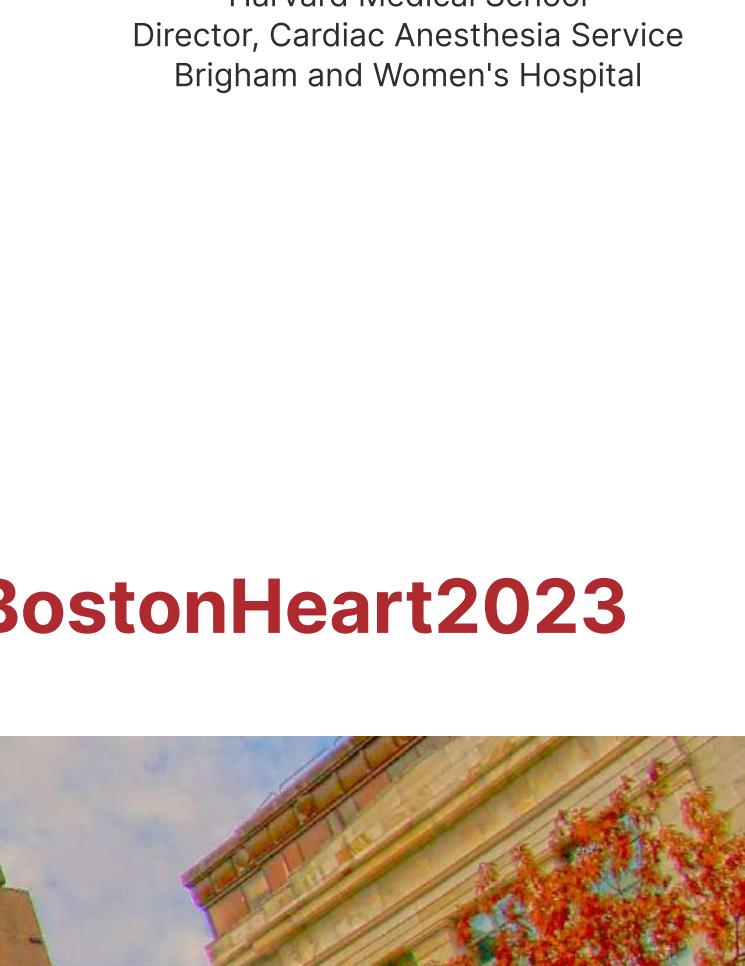
Assistant Professor, Anaesthesia, Harvard Medical School

**Sankalp Sehgal, MD**

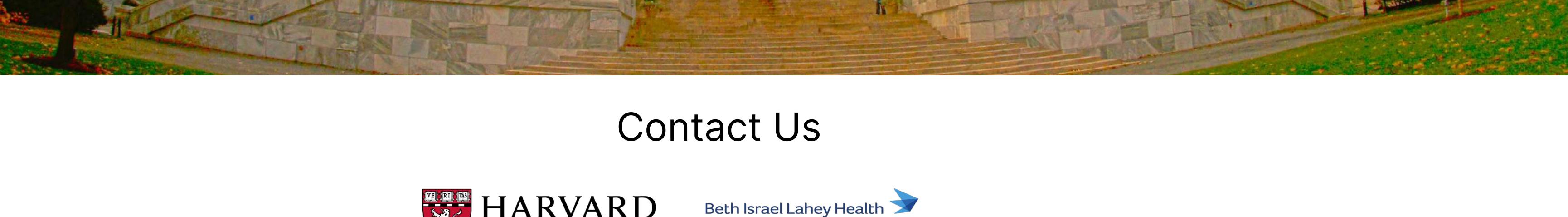
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**Shweta Yemul Golhar, MD**

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**Stanton Shernan, MD**

Benjamin G. Covino Professor of Anaesthesia
Harvard Medical School
Director, Cardiac Anesthesia Service
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