

HYPERTROPHIC CARDIOMYOPATHY TREATMENT

Medical, Surgical, Sudden Death Prevention
and Newer Modalities



**Saturday and Sunday
April 18 – 19, 2015**

The Yale Club
50 Vanderbilt Avenue
New York, NY

Course Directors
Mark V. Sherrid, MD
Daniel Swistel, MD

Sponsored by
The Hypertrophic Cardiomyopathy Program at
Mount Sinai St. Luke's and Mount Sinai Roosevelt

COURSE DESCRIPTION

Hypertrophic Cardiomyopathy is one of the most challenging diseases encountered in cardiology practice because of the diversity of its expression and unpredictable clinical course. In this symposium the evolving treatments for HCM will be discussed: medical treatment including disopyramide for obstruction, new surgical approaches to the mitral valve as adjuncts to myectomy, revised pathophysiologic understanding of SAM, implantable devices to prevent sudden death, and newer modalities such as alcohol septal ablation and AFib ablation. Current echocardiographic diagnosis and HCM subtypes will be covered, and stress echocardiography to provoke latent LVOT obstruction will be demonstrated. Also, state of the art of MRI and CT angio in HCM will be covered, as well as genotype analysis for family screening. The importance of the installation of an automatic external defibrillator at every athletic playing field and practice session will be discussed. Investigational initiatives will be discussed: new pharmacologic therapy for mitigation of symptoms, and development of phenotype. Investigational interventional approaches to the mitral valve for treatment of obstruction in patients with contraindications to myectomy will be introduced.

TARGET AUDIENCE

Cardiologists, cardiothoracic surgeons, internists, registered nurses, and nurse practitioners, as well as fellows and residents who care for patients with HCM.

OBJECTIVES

- In patient with HCM, learn to use echocardiography to diagnose different variants: obstructive, non-obstructive, apical, mid-LV obstructive; diagnose systolic anterior motion of the mitral valve (SAM), use maneuvers to provoke gradients, including standing and exercise based on published literature.
- In HCM patients learn the risk factors for sudden death based on guidelines. Understand the positive impact of ICD implantation for prevention of sudden death based on cohort studies.
- In obstruction, review new data from the literature concerning the pathophysiology of obstruction, and the cause of SAM; diagnose mid-LV obstruction and its consequences.
- In obstructive HCM critically review the data concerning the efficacy of pharmacologic therapy. Learn to successfully apply disopyramide/beta blocker therapy for meaningful reduction in symptoms.
- Examine indications and clinical utility of MRI in HCM based on guidelines and learn of current research initiatives from recent publications and ongoing clinical trials.
- Learn to recognize when a patient requires extended myectomy based on guidelines.
- In patients with obstruction refractory to pharmacologic therapy review published data how revised understanding of the pathophysiology of obstruction has led sophisticated repair of the mitral valve as an adjunct to myectomy, that may improve outcomes and make success more predictable.
- Critically evaluate evidence-based literature and guidelines to understand indications for alcohol septal ablation.
- Recognize the vital importance of anticoagulation of atrial fibrillation patients for stroke prevention and be familiar with the pharmacologic agents appropriate to prevent atrial fibrillation recurrence.
- Determine best practices in treating atrial fibrillation in HCM and understand indications and current approaches to pharmacotherapy and ablation, based on guidelines.
- Learn about the utility of the automatic external defibrillator for emergency treatment of sudden cardiac death from published literature. Learn about AED efficacy data in athletic playing field death from published research; observe demonstration of AED; discuss public policy activity.
- Understand the current recommendations and controversies in pre-athletic screening for genetic heart disease based on guidelines and prescribe appropriate exercise regimen for an athlete with HCM based on Bethesda Conference recommendations.

SUBMISSION OF CASE PRESENTATIONS

Attendees are encouraged to submit interesting case presentations in PowerPoint format. Subjects that will be considered must pertain to the HCM topics included in the agenda, and will be judged by a panel of our faculty. The best cases will be selected for presentation to the assembled Symposium.

- Total length of presentation should be no more than 8 slides and no more than 8 minutes in duration.
- PowerPoints should include imaging and anonymized video clips. No patient identifying information should appear anywhere in the PowerPoint.
- Cases will be presented by the submitting physician.
- Title and Presenter will be listed in the final electronic version of the symposium agenda.

Attendees wishing to be considered should email presentations to Bette Kim MD, bekim@chpnet.org no later than March 20.

ACCREDITATION STATEMENT

Mount Sinai Health System Hospitals: Mount Sinai Beth Israel, Mount Sinai St. Luke's and Mount Sinai Roosevelt, are accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION STATEMENT

Mount Sinai St. Luke's and Mount Sinai Roosevelt designate this live activity for a maximum of 13.0 AMA PRA Category 1 Credits™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

POLICY ON FACULTY AND PROVIDER DISCLOSURE

It is the policy of Mount Sinai Health System Hospitals: Mount Sinai Beth Israel, Mount Sinai St. Luke's and Mount Sinai Roosevelt, that faculty and providers disclose real or apparent conflicts of interest relating to the topics of this educational activity and have established policies in place that will identify and resolve all conflicts of interest prior to this educational activity. Detailed disclosure will be made in the activity handout materials.



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SATURDAY, APRIL 18, 2015

- 8:00 am Registration and Breakfast
- 8:30 am **Introduction and Welcome**
Mark V. Sherrid, MD
- 8:35 am **HCM Pathology, Differential Diagnosis, Genetics and Epidemiology**
Martin S. Maron, MD
- 9:15 am **Using Echocardiography to Guide Treatment in HCM**
Mark V. Sherrid, MD
- 9:55 am **Stress Echocardiography in HCM and Live Demonstrations**
Farooq A. Chaudhry, MD
- 10:35 am **Panel Discussion and Cases**
Bette Kim, MD; Martin S. Maron, MD; Mark V. Sherrid, MD; Farooq A. Chaudhry, MD
- 11:10 am Coffee Break
- 11:30 am **Stepped Management of Obstructive HCM**
Mark V. Sherrid, MD
- 12:10 pm **Investigational Pharmacologic Trial for HCM: Late Na Channel Blockade**
Martin S. Maron, MD
- 12:30 pm **Investigational Pharmacologic Trial for HCM: Perhexiline**
Perry Elliott, MD
- 12:50 pm Questions
- 1:00 pm Luncheon
- 1:40 pm **Risk Stratification for Sudden Death**
Perry Elliott, MD
- 2:15 pm **Risk Stratification and ICD for Prevention of Sudden Death**
Barry Maron, MD
- 2:50 pm **Panel Discussion and Cases**
Barry J. Maron, MD; Perry Elliott, MD; Davendra Mehta, MD; Mark V. Sherrid, MD
- 3:20 pm Coffee Break
- 3:40 pm **Family Screening for HCM: Clinical and Genotype Analysis**
Milla Arabadjan, NP
- 4:00 pm **Developing Disease-Modifying Treatment for Early HCM**
Carolyn Yung Ho, MD
- 4:25 pm **Adverse Impact of Atrial Fibrillation**
Bette Kim, MD
- 4:50 pm **New Options for Atrial Fibrillation**
Davendra Mehta, MD
- 5:20 pm **Panel Discussion and Cases**
Davendra Mehta, MD; Carolyn Yung Ho, MD; Bette Kim, MD; Milla Arabadjan, NP
- 5:50 pm Adjourn

SUNDAY, APRIL 19, 2015

- 8:00 am Registration and Breakfast
- 8:30 am **Cardiac Magnetic Resonance in HCM: State of the Art**
Javier Sanz, MD
- 9:00 am **Surgical Septal Myectomy and Ancillary Procedures to Eliminate SAM: Papillary Muscle Release, Mitral Leaflet Plication and Residual Leaflet Excision**
Daniel G. Swistel, MD

9:40 am **Alcohol Ablation and Newer Interventional Approaches to the Mitral Valve for Obstruction**

Paul Sorajja, MD

10:20 am **Panel Discussion and Cases**

Daniel G. Swistel, MD; Javier Sanz, MD;
Paul Sorajja, MD; Mark V. Sherid, MD

11:10 am **Coffee Break**

11:25 am **Does Surgical or Pharmacologic Relief of Obstruction Improve Survival?**

Sandhya Balaram, MD

11:55 am **Roles of an Advocacy Organization for HCM Patients**

Lisa Salberg

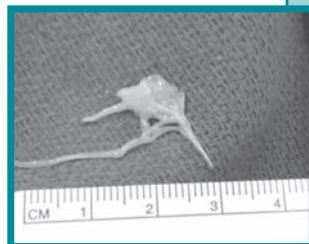
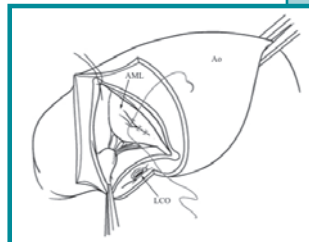
12:25 pm **An Automatic External Defibrillator for Every Playing Field and Practice Session**

Eyal Herzog, MD

1:00 pm **Cases and Panel Discussion**

Sandhya Balaram, MD; Eyal Herzog, MD; Lisa Salberg

1:45 pm **Adjourn**



COURSE DIRECTORS

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GUEST FACULTY

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Minneapolis, MN

HOST FACULTY – MOUNT SINAI HEALTH SYSTEMS

Milla Arabadjian, FNP – BC, MS, RN

Nurse Practitioner
Hypertrophic Cardiomyopathy Program
Mount Sinai Roosevelt and Mount Sinai St. Luke's

Sandhya K. Balaram, MD, PhD

Interim Chief, Division of Cardiac Surgery
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Assistant Clinical Professor of Surgery
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REGISTRATION FORM



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First Name _____ Last Name _____ Title _____
MD, DO, NP, PA, etc.

Address _____

City _____ State _____ Zip _____

Phone _____ Fax _____

E-mail _____ Specialty _____
(Be sure to include your e-mail address as confirmation/receipt will be sent electronically)

TUITION

- ☐ \$350.00 Practicing Physicians
☐ \$150.00 Mount Sinai Health Systems Physicians
☐ \$75.00 Trainee
☐ \$75.00 Nurse

PAYMENT METHODS

Payment Must Accompany Registration Form

- ☐ Online Registration is available and is the preferred method – www.chpnet.org/cme
☐ Fax this form to **212-523-2074**

Credit Card # _____ Exp Date _____
☐ Amex ☐ MasterCard ☐ Visa

Signature _____ Date _____

- ☐ Check payable to Mount Sinai St. Luke's is enclosed.

Mail to: **Mount Sinai St. Luke's**
Office of CME, 1111 Amsterdam Avenue, New York, NY 10025

CANCELLATION POLICY

A refund, less a \$50 administrative fee, will be issued upon written request. No refunds will be made after March 27th. Mount Sinai St. Luke's reserves the right to cancel this program.

FURTHER INFORMATION

Mount Sinai St. Luke's
Office of Continuing Medical Education
Phone: 212-523-2138 ■ Fax: 212-523-2074
Email: aroman@chpnet.org ■ Website: www.chpnet.org/cme

HOTEL INFORMATION

The Yale Club
50 Vanderbilt Avenue ■ New York, NY 10017 ■ +1-212-716-2100

A block of rooms is available at the conference rate of \$290.00 for a Standard Queen and \$310.00 for a Superior King, plus applicable taxes, and is available until March 6, 2015, on a space available basis. After that, rates are subject to availability. When calling, please state that you are with the "HCM Symposium".



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