

Mayo Cardiovascular Review Course for Cardiology Boards and Recertification

August 27-31, 2016

Mayo Civic Center • Exhibit Hall

Saturday, August 27, 2016

- 6:45 a.m. Registration and Continental Breakfast
- 7:30 a.m. Welcome and Introduction to the Course
Steve R. Ommen, M.D. and Rick A. Nishimura, M.D.

Pericardial, Cardiomyopathies, Hypertension, and Pulmonary Hypertension

Moderator: *Rick A. Nishimura, M.D.*

- 8:00 a.m. The Cardiomyopathies (CHF)
Steve R. Ommen, M.D.
- 8:35 a.m. Test Questions: The Cardiomyopathies (CHF)
- 8:55 a.m. Hypertension
Amy W. Pollak, M.D.
- 9:30 a.m. Test Questions: Hypertension
- 9:50 a.m. Refreshment Break
- 10:20 a.m. Pulmonary Hypertension
Robert P. Frantz, M.D.
- 10:55 a.m. Test Questions: Pulmonary Hypertension
- 11:15 a.m. Pericardial Disease
Steve R. Ommen, M.D.
- 11:50 a.m. Test Questions: Pericardial Disease
- 12:10 p.m. Luncheon

Vascular Disease

Moderator: *Steve R. Ommen, M.D.*

- 1:00 p.m. Thromboembolic and Other Venous Diseases
Robert D. McBane, M.D.
- 1:35 p.m. Test Questions: Thromboembolic and Other Venous Diseases
- 1:55 p.m. Diseases of the Aorta and Great Vessels
Juan M. Bowen, M.D.
- 2:30 p.m. Test Questions: Diseases of the Aorta
- 2:50 p.m. Refreshment Break
- 3:20 p.m. Diseases of the Peripheral Arteries
Amy W. Pollak, M.D.
- 3:55 p.m. Test Questions: Diseases of the Peripheral Arteries and Vasculitides
- 4:15 p.m. Carotid and Renal Vascular Disease
Peter M. Pollak, M.D.
- 4:50 p.m. Test Questions: Carotid and Renal Vascular Disease
- 5:10 p.m. Review of the Day: Test/MOC Questions
- 5:30 p.m. Dinner
- 6:30 p.m. Ventricular Function
Rick A. Nishimura, M.D.
- 7:30 p.m. Adjourn

Sunday, August 28, 2016

7:00 a.m. Continental Breakfast

Coronary Artery Disease: Prevention and Chronic Stable CAD

Moderator: *Rick A. Nishimura, M.D.*

- 8:00 a.m. Assessment and Primary Prevention of Patients at Risk for Coronary Artery Disease
R. Todd Hurst, M.D.
- 8:35 a.m. Test Questions: Primary Prevention of Patients at Risk for Coronary Artery Disease
- 8:55 p.m. Assessment and Medical Management of Patients with Known Coronary Artery Disease
Charanjit S. Rihal, M.D.
- 9:30 a.m. Test Questions: Medical Management of Patients with Known Coronary Artery Disease
- 9:50 a.m. Refreshment Break
- 10:20 a.m. Risk Stratification for Patients with Suspected or Known Coronary Artery Disease
Robert B. McCully, M.D.
- 10:55 a.m. Test Questions: Risk Stratification for Patients with Suspected or Known Coronary Artery Disease
- 11:15 a.m. Revascularization for Patients with Chronic Coronary Artery Disease
Charanjit S. Rihal, M.D.
- 11:50 a.m. Test Questions: Revascularization for Patients with Chronic Coronary Artery Disease
- 12:10 p.m. Luncheon

Coronary Artery Disease: Acute Coronary Syndromes

Moderator: *Rick A. Nishimura, M.D.*

- 1:00 p.m. Assessment and Reperfusion Therapies for Patients with Acute Coronary Syndromes
Rajiv Gulati, M.D., Ph.D.
- 1:35 p.m. Test Questions: Reperfusion Therapies for Patients with Acute Coronary Syndromes
- 1:55 p.m. Acute Coronary Syndrome Adjunctive Therapies – Part 1
Nandan S. Anavekar, M.B., B.Ch. and J. Wells Askew, III, M.D.
- 2:30 p.m. Test Questions: Acute Coronary Syndrome Adjunctive Therapies – Part 1
- 2:50 p.m. Refreshment Break
- 3:20 p.m. Acute Coronary Syndrome Adjunctive Therapies – Part 2
Nandan S. Anavekar, M.B., B.Ch. and J. Wells Askew, III, M.D.
- 3:55 p.m. Test Questions: Acute Coronary Syndrome Adjunctive Therapies – Part 2
- 4:15 p.m. Complications of Myocardial Infarction
Jeffrey B. Geske, M.D.
- 4:50 p.m. Test Questions: Complications of Myocardial Infarction
- 5:10 p.m. Review of the Day: Test/MOC Questions
- 5:30 p.m. Dinner
- 6:30 p.m. CT and MRI and Nuclear Imaging Cases – Clinical Application
Thomas A. Foley, M.D., Thomas C. Gerber, M.D., Ph.D., and Eric E. Williamson, M.D.
- 7:30 p.m. Adjourn

Monday, August 29, 2016

7:00 a.m. Continental Breakfast

The Electrical System of the Heart: Electrocardiography, Arrhythmias and Channelopathies

Moderator: *Steve R. Ommen, M.D.*

8:00 a.m. Atrial Fibrillation & SVT: Diagnosis and Stroke Prevention
Malini Madhavan, M.B.B.S.

8:35 a.m. Test Questions: Atrial Fibrillation & SVT: Diagnosis and Stroke Prevention

8:55 a.m. Atrial Fibrillation & SVT: Treatment (Post-Operative, Cardioversion, Drugs, Ablation)
Christopher J. McLeod, M.B., Ch.B., Ph.D.

9:30 a.m. Test Questions: Atrial Fibrillation & SVT: Treatment (Post-Operative, Cardioversion, Drugs, Ablation)

9:50 a.m. Refreshment Break

10:20 a.m. Ventricular Arrhythmias
Siva K. Mulpuru, M.D.

10:55 a.m. Test Questions: Ventricular Arrhythmias

11:15 a.m. The Cardiac Channelopathies (Brugada, CPVT, and LQTS)
Michael J. Ackerman, M.D., Ph.D.

11:50 a.m. Test Questions: Cardiac Channelopathies

12:10 p.m. Luncheon + *Optional* Meet the Experts

The Electrical System of the Heart: Drugs and Devices

Moderator: *Steve R. Ommen, M.D.*

1:00 p.m. Antiarrhythmic Drugs, Interactions, and Proarrhythmias
Peter A. Noseworthy, M.D.

1:35 p.m. Test Questions: Antiarrhythmic Drugs, Interactions, and Proarrhythmias

1:55 p.m. Syncope and Out of Hospital Arrest: Non-Invasive and Invasive Testing and Treatments
Christopher J. McLeod, M.B., Ch.B., Ph.D.

2:30 pm Test Questions: Syncope, Non-Invasive and Invasive Testing and Treatments

2:50 p.m. Refreshment Break

3:20 p.m. Pacemakers, ICDs, and Cardiac Resynchronization Therapy
Raul E. Espinosa, M.D.

4:50 pm Test Questions: Syncope: (Pacemakers, ICDs, and Cardiac Resynchronization Therapy)

5:10 p.m. Review of the Day: Test/MOC Questions

5:30 p.m. Dinner

6:30 p.m. Game Show
Nandan S. Anavekar, M.B., B.Ch., Michael W. Cullen, M.D., and Jeffrey B. Geske, M.D.

7:30 p.m. Adjourn

Tuesday, August 30, 2016

7:00 a.m. Continental Breakfast

Valvular Heart Disease

Moderator: *Steve R. Ommen, M.D.*

8:00 a.m. Infective Endocarditis
Michael W. Cullen, M.D.

8:35 a.m. Test Questions: Infective Endocarditis

8:55 a.m. Valvular Stenosis
Rick A. Nishimura, M.D.

9:30 a.m. Test Questions: Valvular Stenosis

9:50 a.m. Refreshment Break

10:20 a.m. Valvular Regurgitation
Rick A. Nishimura, M.D.

10:55 a.m. Test Questions: Valvular Regurgitation

11:15 a.m. Prosthetic Valves and Other Forms of Valve Disease
Sorin V. Pislaru, M.D., Ph.D.

11:50 a.m. Test Questions: Prosthetic Valves and Other Forms of Valve Disease

12:10 p.m. Luncheon

Congenital Heart Disease

Moderator: *Rick A. Nishimura, M.D.*

1:00 p.m. Pregnancy and the Heart
Heidi M. Connolly, M.D.

1:35 p.m. Test Questions: Pregnancy and the Heart

1:55 p.m. Congenital Heart Disease: Part 1 – Simple
Carole A. Warnes, M.D.

2:30 p.m. Test Questions: Congenital Heart Disease: Part 1 – Simple

2:50 p.m. Refreshment Break

3:20 p.m. Congenital Heart Disease: Part 2 – Complex
Carole A. Warnes, M.D.

4:05 p.m. Test Questions: Congenital Heart Disease: Part 2 – Complex

4:25 p.m. Review of the Day: Test/MOC Questions

4:45 p.m. Hemodynamics
Sunil V. Mankad, M.D. and Mackram F. Eleid, M.D.

5:45 p.m. Adjourn Reception

Wednesday, August 31, 2016

7:00 a.m. Continental Breakfast

Heart Failure

Moderator: *Steve R. Ommen, M.D.*

8:00 a.m. State-of-the-Art Lecture: Mechanisms of Heart Failure
Barry A. Borlaug, M.D. and Margaret M. Redfield, M.D.

8:35 a.m. Test Questions: Mechanisms of Heart Failure

8:55 a.m. Medical Treatment of Chronic Stable Congestive Heart Failure
Paul M. McKie, M.D.

9:30 a.m. Test Questions: Medical Treatment of Chronic Stable Congestive Heart Failure

9:50 a.m. Refreshment Break

10:20 a.m. Medical Treatment of Acute Decompensated Congestive Heart Failure
Farris Timimi, M.D.

10:55 a.m. Test Questions: Medical Treatment of Acute Decompensated Congestive Heart Failure

11:15 a.m. Cardiac Device and Replacement Therapy (Transplant)
Shannon M. Dunlay, M.D., M.S.

11:50 a.m. Test Questions: Cardiac Device and Replacement Therapy (Transplant)

12:10 p.m. Luncheon + *Optional* Meet the Experts

****THIS SESSION IS NOT RECORDED****

Optional Session 1: ABIM Medical Knowledge Module (Intended for Recertification and General CV Review)

1:00-3:30 Cardiovascular Disease, 2015 Update
3:30-4:00 Refreshment Break
4:00-6:30 Cardiovascular Disease, 2016 Update

Optional Session 2: ECG, Angiography, and Echocardiography Coding for the Board Exam

Moderator: *Kyle W. Klarich, M.D.*

1:00-3:00 ECG – *Peter A. Brady, M.B., Ch.B., M.D.*
3:00 – 3:30 Cath – *Mackram F. Eleid, M.D.*
3:30 – 4:00 Refreshment Break
4:00 – 6:00 Echo – *Kyle W. Klarich, M.D.*
6:00 and 6:30 p.m. Course Adjourns