

Echocardiography Review Course for Boards and Recertification
June 9 – 12, 2018 • Mayo Civic Center • Rochester, MN

PROGRAM – SATURDAY, JUNE 9, 2018

6:30 a.m.	Registration and Continental Breakfast <i>Mayo Civic Center</i>
7:30 a.m.	Welcome and Introductions
7:45 a.m.	Online Practice Exam and Evaluations <i>Garvan C. Kane, M.D., Ph.D.</i>
8:00 a.m.	NBE Exam Format and Overview <i>Garvan C. Kane, M.D., Ph.D.</i>
Fundamentals of Echocardiography I Moderator: <i>Garvan C. Kane, M.D., Ph.D.</i>	
8:30 a.m.	M-Mode & 2-D Echocardiography (Dimensions, Volume, and EF) <i>Michael W. Cullen, M.D.</i>
9:20 a.m.	Transesophageal Echocardiography Including 3D Echocardiography <i>Jeremy J. Thaden, M.D.</i>
10:10 a.m.	Refreshment break
10:30 a.m.	Doppler and Color Flow Imaging for Non-Invasive Hemodynamics <i>Jae. K. Oh, M.D.</i>
11:20 a.m.	Contrast Echocardiography: What You Need to Know for the Boards <i>Sharon L. Mulvagh, M.D.</i>
12:00 p.m.	Lunch
Fundamentals of Echocardiography II Moderator: <i>Jae K. Oh, M.D.</i>	
1:00 p.m.	Evaluation of Diastolic Function: The Basics <i>Garvan C. Kane, M.D., Ph.D.</i>
1:50 p.m.	Diastolic Dysfunction: Advanced Principles and Diastolic Stress Test <i>Jae. K. Oh, M.D.</i>
2:40 pm.	Refreshment Break
3:00 p.m.	Physics in Practice: Illustrative Cases <i>David A. Foley, M.D.</i>
3:50 p.m.	Myocardial Velocity and Strain Imaging <i>Hector R. Villarraga, M.D. and Garvan C. Kane, M.D., Ph.D.</i>
4:40 p.m.	Echocardiography in the Patient with Atrial Fibrillation <i>Rowlens M. Melduni, M.D., M.P.H.</i>
5:30 p.m.	Welcome Reception

SUNDAY, JUNE 10, 2018

7:15 a.m.	Continental Breakfast
Echocardiography in Valvular Heart Disease I Moderator: <i>Vuyisile T. Nkomo, M.D., M.P.H.</i>	
7:45 a.m.	Aortic Valve Regurgitation <i>Hector I. Michelena, M.D.</i>
8:35 a.m.	Aortic Valve Stenosis <i>Vuyisile T. Nkomo, M.D., M.P.H.</i>
9:20 a.m.	Mitral Valve Stenosis <i>Sorin V. Pislaru, M.D., Ph.D.</i>
10:00 a.m.	Refreshment Break
10:20 a.m.	Mitral Valve Regurgitation <i>Maurice E. Sarano, M.D.</i>
11:15 a.m.	Tricuspid and Pulmonary Valve Diseases <i>Garvan C. Kane, M.D., Ph.D.</i>
12:00 p.m.	Lunch
Echocardiography in Valvular Heart Disease II Moderator: <i>Garvan C. Kane, M.D., Ph.D.</i>	
1:00 p.m.	Prosthetic Valve Assessment <i>Lori A. Blauwet, M.D.</i>
1:55 p.m.	Interventional Echocardiography <i>Jeremy J. Thaden, M.D.</i>
2:25 p.m.	Intraoperative Echocardiography <i>Sunil V. Mankad, M.D.</i>
3:00 p.m.	Refreshment Break
3:15 p.m.	Infective Endocarditis <i>Ratnasari (Sari) Padang, M.B.B.S., Ph.D.</i>
4:10 p.m.	Echo Assessment of the Aorta: Aortic Atherosclerosis, Aneurysms, and Acute Aortopathies <i>Peter C. Spittell, M.D.</i>
4:40 p.m.	Congenital Aortopathies <i>Hector I. Michelina, M.D.</i>
5:00 p.m.	Dinner
Special Evening Session Moderator: <i>Jae K. Oh, M.D.</i>	
6:00 p.m.	Hemodynamic Workshop <i>Jae K. Oh, M.D., Jeffrey B. Geske, M.D. & William R. Miranda, M.D.</i>
8:00 p.m.	Adjourn

MONDAY, JUNE 11, 2018

7:00 – 8.00 a.m.	Early Morning Session: Interesting Cases <i>Jae K. Oh, M.D.</i>
8:00 a.m.	Continental Breakfast
Heart Failure and Cardiomyopathies Moderator: <i>Garvan C. Kane, M.D., Ph.D.</i>	
8:15 a.m.	Pericardial Diseases I: Tamponade and Constriction <i>Raul E. Espinosa, M.D.</i>
9:05 a.m.	Pericardial Diseases II: Constriction Mimics <i>Jae K. Oh, M.D.</i>
9:40 a.m.	Restrictive Cardiomyopathy and Cardiac Amyloidosis <i>Martha Grogan, M.D.</i>
10:10 a.m.	Refreshment Break
10:30 a.m.	Dilated Cardiomyopathy and Transplantation <i>Daniel D. Borgeson, M.D.</i>
11:00 a.m.	Left Ventricular Devices and Cardiac Resynchronization <i>Grace Lin, M.D.</i>
11:30 a.m.	Pulmonary Hypertension, RV Function, and Pulmonary Embolism <i>Garvan C. Kane, M.D., Ph.D.</i>
12:20 p.m.	Lunch
Systemic and Coronary Diseases Moderator: <i>Garvan C. Kane, M.D., Ph.D.</i>	
1:20 p.m.	Cardiac Masses <i>Kyle W. Klarich, M.D.</i>
2:10 p.m.	Coronary Artery Disease Including Mechanical Complications <i>Brandon M. Wiley, M.D.</i>
3:00 p.m.	Refreshment Break
3:20 p.m.	Stress Echocardiography <i>Patricia A. Pellikka, M.D. & Robert B. McCully, M.D.</i>
4:35 p.m.	Name the Systemic Disease <i>Rekha Mankad, M.D.</i>
5:30 p.m.	Dinner
6:00 p.m.	Game Show to Test What You Have Learned! (NO CME Offered for this session) <i>Drs. Sunil Mankad, Garvan Kane & Jae Oh</i>
7:30 p.m.	Adjourn

TUESDAY, JUNE 12, 2018

7:00 a.m.	Continental Breakfast
Echocardiography in Congenital Heart Disease Moderator: <i>Jae K. Oh, M.D.</i>	
7:30 am	Doppler Hemodynamic Correlation <i>Darrell B. Newman, M.D.</i>
8:00 a.m.	Advanced Echo Hemodynamic Cases <i>Jae K. Oh, M.D. & Garvan C. Kane, M.D., Ph.D.</i>
9:10 a.m.	Hypertrophic Cardiomyopathy: Echocardiographic Diagnosis <i>Jeffrey B. Geske, M.D.</i>
10:00 a.m.	Refreshment Break
10:20 a.m.	Simple Congenital Heart Disease; ASD, VSD, Ebstein's, PDA <i>Crystal R. Bonnicksen, M.D.</i>
11:10 a.m.	Congenital Cases <i>William R. Miranda, M.D. and Alexander C. Egbe, M.B.B.S.</i>
12:00 p.m.	Adjourn