Heart and Vascular Disease in Eastern North Carolina

Thursday & Friday
February 27-28, 2014

East Carolina Heart Institute
115 Heart Drive, Greenville, NC

Presented by
East Carolina Heart Institute at ECU, Department of Cardiovascular Sciences, Office of Continuing Medical Education Brody School of Medicine of East Carolina University in association with Eastern Area Health Education Center
Heart Disease is the second leading cause of death in North Carolina and frequently presents management challenges to physicians in Eastern North Carolina in all areas of clinical practice- the office, the emergency room, or hospital in-patient services.

This symposium has been structured to provide an overview of the most important recent advances affecting the complex management of patients with coronary artery disease, mitral valve disease, pulmonary hypertension, atrial fibrillation, peripheral vascular disease, congenital heart disease, heart failure, aortic valve disease, and hypertension. Included will be a special focus on diagnosis, referral and management of shortness of breath.

**COURSE CONTENT**

Upon completion of this course, those attending should have greater understanding and knowledge of strategies to integrate into practice new developments in the following:

### Coronary Artery Disease

- Determine how to assess patients with chronic total occlusion better
- Discuss the current guidelines for management of chronic stable angina
- Investigate the role of cardiac imaging in determining suitability for revascularization: perfusion versus viability
- Identify the relationship between myocardial perfusion and surgical/catheter-based interventional outcomes
- Recognize the role of coronary intervention in chronic total occlusion

### Mitral Valve Disease

- Determine the indications for surgical versus catheter-based treatment of mitral stenosis or regurgitation
- Define optimal medical therapy for mitral regurgitation
- Describe differentiating features of ischemic versus degenerative mitral regurgitation
- Recognize the patient that would benefit from percutaneous mitral valve repair
- Review surgical options for 21st Century management of mitral valve disease

### Cardiopulmonary Updates

- Discuss the role of sleep disordered breathing in congestive heart failure
- Review the potential connections between pulmonary hypertension and obstructive sleep apnea
- Discuss approach to management of pulmonary hypertension in the setting of congestive heart failure
- Describe the concept of a multidisciplinary pulmonary hypertension clinic

### Atrial Fibrillation

- Discuss the effects of atrial fibrillation on mortality, morbidity and hospital admission rates
- Review the indications for catheter based pulmonary vein isolation in atrial fibrillation

### Peripheral Vascular Disease

- Discuss update on percutaneous therapies
Primary and Secondary CAD Prevention

- Recognize the role of coronary artery calcium scoring in risk classification for coronary heart disease prediction
- Discuss current lipid management guidelines, with respect to diet, exercise and statin therapy; and the role of new lipid profile
- Recognize the importance of dual antiplatelet therapy following PCI/stent interventions
- Discuss safety and efficacy of dual antiplatelet therapies in the setting of anticoagulation

Heart Failure

- Explain current guidelines in management of post MI or ischemic cardiomyopathy
- Describe multidisciplinary care for post MI patients in the setting of reduced LV ejection fraction

Aortic Valve Disease in the 21st Century

- Describe the echocardiographic indices for progressive aortic valve disease
- Identify the indicators for referral of catheter-based or surgical therapies for aortic valve disease
- Recognize indications for and fundamental techniques of TAVR
- Compare surgical and catheter-based techniques for treatment of aortic valve disease

Hypertension

- Review current evidence based strategies for management of hypertension
- Discuss indications for assessment of secondary causes of hypertension
- Explore the indications for consideration of novel therapies in the strategy of hypertension management

Updates on Congenital Heart Disease

- Discuss echocardiographic screening for causes of secondary hypertension
- Review current management/interventions for arrhythmia associated with congenital heart disease

WHO SHOULD ATTEND

The symposium has been structured to provide an overview of the most important recent advances affecting the care of cardiovascular patients for Cardiologists, Hospitalists, and Physicians in Internal Medicine and Family Medicine, as well as Physician Assistants, Nurse Practitioners and Cardiac Sonographers involved in the management of these patients.

CREDIT

ACCREDITATION: The Brody School of Medicine of East Carolina University is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT: The Brody School of Medicine of East Carolina University designates this live activity for a maximum of 11 AMA PRA Category 1 Credits™. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

CONTACT HOURS: Certificates reflecting 11 contact hours of education will be awarded at the completion of the program.
AGENDA
Thursday, February 27, 2014

12:30 Registration

12:55 Welcome/Overview
  John Cahill, MD

Coronary Artery Disease

1:00 Management of Coronary Artery Disease on a Shoestring Budget – A Real-World Approach to Management of Chronic Stable Angina
  Peter Wagner, DO

1:30 Targeted Surgical Coronary Revascularization: Advances in On-Table Myocardial Perfusion Imaging
  Bruce Ferguson, MD

2:00 Management of Chronic Total Occlusions of Coronary Arteries
  Ashesh Buch, MD

2:30 Break

Mitral Valve Disease

2:45 Update on Percutaneous Treatment of Mitral Regurgitation & Mitral Stenosis
  Ramesh Daggubati, MD

3:15 Identify Echo Parameters Associated with Progression in Mitral Valve Stenosis or Regurgitation
  Hazaim Alwair, MD

Cardiopulmonary Updates

3:45 Sleep, Heart and Lungs… Connecting the Dots
  Sunil Sharma, MD

4:30 Multidisciplinary Approach from Identification to Management of Pulmonary Hypertension: The Concept of a Pulmonary Hypertension Clinic
  Abid Butt, MD

5:00 Wrap up/Adjourn
AGENDA

Friday, February 28, 2014

7:30  Breakfast/Exhibits/Registration

7:55  Overview of the Day  
      John Cahill, MD

Atrial Fibrillation

8:00  Mortality, Morbidity and Hospital Admission Rates with Atrial Fibrillation: Anticoagulation Revisited  
      Harry DeAntonio, DO

8:30  Catheter-Based Ablation for Atrial Fibrillation  
      Mihail Chelu, MD

Peripheral Vascular Disease

9:00  Peripheral Vascular Disease: Update on Percutaneous Therapies  
      Gianluca Rigatelli, MD

9:30  Break/Exhibits

Primary and Secondary CAD Prevention

9:45  Coronary Artery Calcium Score and Risk Classification for Coronary Heart Disease Prediction  
      Assad Movahed, MD

10:15 "Targeted" Lipid Management -- What Changes Can We Expect with the New Guidelines: NMR LipoProfile and Beyond  
      Noel Peterson, MD

10:45 "Dual Antiplatelet Therapy" - Ideal and Acceptable Combinations in the Era of Direct Thrombin (factor IIa) Inhibitors: Safety versus Efficacy  
      Stephanie Martin, MD

Heart Failure

11:15  Assessing the Outcomes Following Myocardial Infarction: Cardiac Imaging Determination of Myocardial Viability and Beyond  
      Joseph Pensabene, MD

11:45  Heart Failure Management on the $12 Budget: Management of the Post MI Patient with Reduced Ejection Fraction  
      John Cahill, MD

12:15  Lunch (provided)/Exhibits
Aortic Valve Disease in the 21st Century

1:00  The Challenge of Aortic Valve Disease: When to Refer? When is the Time to Operate? Echocardiographic Indices for Progression of Aortic Stenosis and Regurgitation
    Deepa Kabirdas, MD

1:30  Surgical and Catheter-Based Approaches to Aortic Valve Disease
    Alan Kypson, MD

Hypertension

2:00  Managing Hypertension on $12 a Month in Eastern North Carolina
    Mariavittoria Pitzalis, MD

2:30  Break

2:45  Treatment of Hypertension with Catheter-Based Radiofrequency Renal Artery Sympathetic Denervation
    Dean Yamaguchi, MD

Updates on Congenital Heart Disease

3:15  Unusual Causes of Hypertension and Dyspnea on Exertion
    Stacey Applegate, DO

3:45  Diagnoses and Management of Arrhythmias in Congenital Heart Disease
    David Fairbrother, MD

4:15  Q&A/Evaluation

4:30  Adjourn

FACULTY PROGRAM DIRECTOR

John Cahill, MD
Director, Heart Failure Services, ECHI
Assistant Professor of Cardiology
Department of Cardiovascular Sciences

GUEST FACULTY

Gianluca Rigatelli, MD, PhD, EBIR, FACC, FESC, FSCAI
Director Section of Adult Congenital Heart Disease Interventions
Co-Director Peripheral Artery Disease Interventions
Vice-Director, Cardiovascular Diagnosis and Endoluminal Interventions
Rovigo General Hospital, Rovigo, Italy

Sunil Sharma, MD, FAASM
Associate Professor of Medicine
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Associate Director, Jefferson Sleep Disorders Center
Thomas Jefferson University and Hospitals
Philadelphia, PA
BRODY SCHOOL OF MEDICINE FACULTY

Hazaim Alwair, MD, FRCSEd (C-Th)
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Pediatric Cardiology

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Department of Cardiovascular Sciences

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Division of Cardiology – Electrophysiology

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Clinical Associate Professor
Department of Cardiovascular Sciences
Director of Cardiac Catheterization Laboratories
East Carolina Heart Institute at Vidant Medical Center

Harry J. DeAntonio, DO, FHRSA, FACC
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Chief of Cardiovascular Medicine
Department of Cardiovascular Sciences

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Department of Pediatrics
Pediatric Cardiology

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Department of Cardiovascular Sciences

Alan Kypson, MD
Professor
Department of Cardiovascular Sciences

Stephanie Martin, MD
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Department of Cardiovascular Sciences

Assad Movahed, MD, FACC, FACP
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Professor of Medicine & Radiology
Department of Cardiovascular Sciences

Joseph Pensabene, MD
Clinical Associate Professor
Department of Cardiovascular Sciences

Noel Peterson, MD, FACC
Director of Women’s Cardiovascular Services
Preventative Cardiology for the East Carolina Heart Institute
Eastern Cardiology, PA

Mariavittoria Pitzalis, MD, PhD
Professor
Department of Cardiovascular Sciences

Peter Wagner, DO, FACC, FACOI, FCCP
Clinical Associate Professor
Department of Cardiovascular Sciences

Dean Yamaguchi, MD
Assistant Professor
Division of Vascular Surgery, Department of Cardiovascular Sciences
REGISTRATION

**Pre-Registration is required** to assure space and availability of online handout materials. Please register online at [http://www.ecu.edu/cs-dhs/cme](http://www.ecu.edu/cs-dhs/cme) (Symposia, Conferences, & Workshops) or by FAX (252-744-5229). Payments made by check or credit card may be mailed in along with your registration form to Eastern AHEC see registration form for address.

**REGISTRATION FEES** (Includes Session, breaks, lunch and Online handouts)

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Handouts will be available online. A link to the location on our website where you can view or print the handouts will be sent with your confirmation email prior to the program. Please make sure that we have a valid email address for your confirmation and handout links. We will not be providing hardcopy handouts.

You may make any changes to your contact information by visiting MYAHEC at [http://my.ncahec.net/](http://my.ncahec.net/). My AHEC will allow you to set up an account to update personal information at any time as well as track your credit record. If you need additional information please contact us by emailing spruelp@ecu.edu or calling Porsche Spruell at (252)744-5223.

**CANCELLATION POLICY**
The SEMINAR fee will be refunded in full if cancellation notice is received by the Office of CME prior to February 10, 2014. Requests for refunds received after February 10, 2014 $35.00 handling charge. Cancellation after February 14, 2014 will result in NO REFUND.

**PROGRAM LOCATION**
This program is being held at the East Carolina Heart Institute at ECU Auditorium. Parking is available in the parking lot in front of the Family Medicine building in section SM-27. Maps at [www.ecu.edu/cvs](http://www.ecu.edu/cvs).

**NEARBY LODGING**
*Candlewood Suites* 1055 Waterford Commons Drive, Greenville, NC (252-317-3000)
*Holiday Inn Express* 900 Moye Blvd. Greenville, NC (252-754-8300)
*Courtyard by Marriott* 2225 Stantonsburg Road Greenville, NC (252-329-2900)

Please bring a jacket or sweater to ensure your comfort.
Heart and Vascular Disease in Eastern North Carolina

Thursday, February 27 – Friday, February 28

Return to: Office of CME, PO Box 7224, Greenville, NC 27835-7224, ATTN: Registration
Phone: (252) 744-5208  FAX (252) 744-5229

All participants should pre-register

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Discipline (check one)  MD  DO  NP  PA  Other

Specialty

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Practice Site Name

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AMA PRA Category 1 Credit(s)™ (Physician)  Contact Hours

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METHOD OF PAYMENT (indicate check or charge card)

For Office Use Only  Event # C40808  Amount Enclosed/Paid $  Date

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