Objectives

At the end of this activity, participants will:

- Review the history of stent development and introduce new stent technologies including bioabsorbable scaffolds
- Review the data on dual antiplatelet therapy duration and present the recently updated guidelines
- Understand how to manage a patient with a new diagnosis of Atrial Fibrillation in the office setting
- Learn about therapeutic options for a patient with Paroxysmal Atrial Fibrillation
- Identify therapeutic options for a patient with Persistent Atrial Fibrillation
- Learn about the development and history of robotics in cardiac surgery
- Learn about current applications and possible future directions in robotics for cardiac surgery
- Assess the landscape of modern genetic and genomic testing in the cardiology setting, including benefits, limitations and important considerations
- Recognize the role a genetic diagnosis can play in medical decision making and personal utility in the cardiology setting

Credits

Course Number: CE40541016
Huntsville Hospital is a Board-approved provider of continuing nursing education in Alabama by the Alabama Board of Nursing. Our approval status is valid through December 12, 2017. Provider Number: ABNP0278.
Nursing/Respiratory Therapy Contact Hours: 4.8

This activity is approved for nurse practitioners. Huntsville Hospital is an approved provider by the Alabama State Nurses Association. Our provider number is 5-119; Provider date valid through April 10, 2016.
Nurse Practitioners Hours: 4.0
Nursing Pharmacology Hours: 2.0

Rad Tech and Dietician Hours applied for.

Course Number: CME5591016
Huntsville Hospital designates this live educational activity for a maximum of 4.0 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity. Huntsville Hospital is accredited by the Medical Association of the State of Alabama to provide medical education for physicians.

Upcoming Events

01/21/2017 Best Practice in Orthopaedics
02/11/2017 Anesthesia Conference
02/25/2017 Cardiology Update
03/11/2017 Rheumatology Conference
03/17/2017 Patient Safety Symposium
04/07/2017 Infection Prevention Conference
04/08/2017 Foundations of Neurology Conference

For further information about Huntsville Hospital classes, go to www.huntsvillehospital.org or call 256.265.8025.
**AGENDA**

100% of the Cardiology Update’s net proceeds will go to Huntsville Hospital Foundation, designated to the Cardiovascular Services Fund (Catheterization / Electro-physiology/Transesophageal Labs, CCU’s, Cardiovascular Surgery, etc.).

**Conference will be held at**
**UNIVERSITY OF ALABAMA IN HUNTSVILLE**
**COLLEGE OF NURSING**
**1619 Ben Graves Drive NW • Huntsville, AL 35816**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>7:30am-8:00am</td>
<td>Registration, Continental Breakfast &amp; Exhibits</td>
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| 8:00am-8:15am | Welcome  
Carl J. Gessler, Jr., M.D., F.A.C.C.                                   |
| 8:15am-9:15am | Absorbable Stents - Here Today Gone Tomorrow  
Michael M. Butler, M.D., F.A.C.C.                                     |
| 9:15am-10:15am | Approach to a Patient with Atrial Fibrillation  
John Mason Jennings, M.D.                                            |
| 10:15am-10:45am | Break & Exhibits                                                      |
| 10:45am-11:45am | Current Status of Robotics in Cardiac Surgery  
Gregory Allen Thomas, M.D.                                            |
| 11:45am-12:45pm | Genetics, Genomics and Cardiology  
David Bick, MD & Meagan Cochran, MS, CGC                              |
| 12:45pm-12:50pm | Closing Remarks & Evaluations  
Carl J. Gessler, Jr., M.D., F.A.C.C.                                   |

**THANKS TO OUR CARDIOLOGY UPDATE PARTNERS:**
HudsonAlpha Institute for Biotechnology  
Heart Center Research, LLC

**SPEAKER INFORMATION**

**Carl J. Gessler, Jr., M.D., F.A.C.C. – Course Director**
Dr. Gessler is a Clinical Associate Professor for the Internal Medicine Program at the School of Primary Care, University of Alabama School of Medicine/Huntsville Program. He specializes in Transthoracic and Transesophageal Echocardiography as well as cerebrovascular and peripheral vascular ultrasound. He is board certified in both Internal Medicine and Cardiovascular Disease. He practices at HH Heart Center, Huntsville, Alabama.

**Michael M. Butler, M.D., F.A.C.C.**
Dr. Butler practices at HH Heart Center, Huntsville, Alabama. He completed training in Interventional Cardiology from Wake Forest University Baptist Medical Center. He is board certified in both Cardiovascular Disease and Interventional Cardiology.

**John Mason Jennings, M.D.**
Dr. Jennings practices with HH Heart Center, in Huntsville, Alabama and specializes in Cardiac Electrophysiology. He completed training at University of Alabama School of Medicine, Birmingham, Ala. and is board certified in Cardiovascular Disease, Internal Medicine and Cardiac Electrophysiology.

**Gregory Allen Thomas, M.D.**
Dr. Thomas is board certified in both General and Thoracic Surgery. He recently joined the Huntsville Cardiothoracic Surgeons from UAB, where he was an Assistant Professor of Surgery in the Division of Cardiovascular and Thoracic Surgery. He is interested in robotic and minimally invasive surgery and has extensive experience with the DaVinci Surgical Robotic System for both cardiac and general thoracic procedures. He practices with the Huntsville Cardiothoracic Surgeons at Huntsville Hospital.

**David Bick, MD**
Dr. Bick is the chief medical officer and a faculty investigator at the HudsonAlpha Institute for Biotechnology as well as the medical director of The Smith Family Clinic for Genomic Medicine. He specializes in the use of genomic information and cutting-edge technology in the clinical setting. He is board certified in both clinical genetics and clinical molecular genetics.

**Meagan Cochran, MS, CGC**
Ms. Cochran is a board certified genetic counselor at the HudsonAlpha Institute for Biotechnology and The Smith Family Clinic for Genomic Medicine. She specializes in communicating complex topics and optimizing service delivery models for genomic medicine.

**REGISTRATION**

**Cardiology Conference Cost:**
All Attendees ............................................. $40

Conference registration is on a first-come, first-serve basis until program is full.

**Online Registration:**
To register online, go to:  
www.huntsvillehospital.org/conferences

**Walk-In Registration:**
If you cannot register online, it is possible for participants to register in person by going to:  
Corporate University at the Dowdle Center  
109 Governors, SW

Walk-in payments are by check or credit card.

**Cancellations and Refund Policy:**
Huntsville Hospital Corporate University reserves the right to cancel classes with insufficient registration. If a class is cancelled, registrants will be notified prior to the class and will receive a full refund.

If a registrant must drop out before the program begins, participants will need to call 256-265-8025 to cancel their registration up to 3 business days prior to the program.

**Parking Information**
This map can be viewed directly online.