The Eleventh Annual Innovations and Trends in Cardiovascular Care presents:

MASTER S OF STR UCTU RAL H EA R T D ISEA SE

Saturday, October 18, 2014

Hyatt Regency
New Brunswick, NJ

7:00 a.m. - 3:00 p.m.

Attendance Is Limited!

Registration for this event must be submitted online at:
www.rwjjuh.edu/masters

Or scan this QR Code to register:
events.mdeintelligence.net

One Robert Wood Johnson Place, New Brunswick, NJ 08903

ACM E Certified Activity Jointly Provided by Rutgers Robert Wood Johnson Medical School, Center for Continuing and Outreach Education at Rutgers Biomedical and Health Sciences, and Robert Wood Johnson University Hospital

Audience
This event is designed for Cardiologists, Cardiac Surgeons, Internists, Bronchiology, Physicians, Interventionists, Nurse Practitioners, Cardiac Nurses, Biomaterials Technologists, and Cardiovascular Program Educators.

Program Overview
The management of structural heart disease has changed dramatically in the past 2 years. The purpose of this lecture series is to provide healthcare providers involved in the management of the structural heart disease an up-to-date review on the latest guidelines, procedures, and clinical management options for acute and chronic disease states. The critically reviewed open questions and sessions will provide an opportunity for participants to discuss the latest in the field, present their own cases, and share their experiences with other attendees to learn, and understand all facts or evidence in the literature.

Learning Objectives
More complete understanding of the latest tests of this field: participants should be better able to:

• Discuss the latest technological and procedural advancements in minimally invasive procedures for valve disease
• Describe the role of imaging to assess valve disease, and the advent of 3D TEE and TTE, how to maximize diagnostic value
• Understand the PULSATENSE Pulmonary Valve Stent System implementation on the thorax, for heart valve disease intervention, what it means to be a cardiac catheterization lab or a heart surgeon
• Understand the role of the heart team in management of complex valve disease

Understand the scientific rationale and implementation of new guidelines and recommendations, the importance of awareness of all tests and procedures, and currently available treatments, and their limitations and benefits

• Discuss the differences between surgical and minimally invasive approaches in other heart valve procedures

• Discuss the potential of left atrial appendage occlusion to prevent thromboembolism in patients with atrial fibrillation

Program Information:
Saturday, October 18, 2014
7:00 a.m. - 8:00 a.m. Registration and Breakfast
8:00 a.m. - 3:00 p.m. CME Activity
Hyatt Regency New Brunswick
Regency Ballroom
2 Albany Street, New Brunswick, NJ 08901

Earn up to 5.5 CME Credits!

Keynote Speaker:
Alain Cribier, MD

Guest Faculty:
Blase Carabello, MD
Ted E. Feldman, MD

7:00 a.m. - 3:00 p.m.
Hyatt Regency
New Brunswick, NJ

Register now! www.rwjjuh.edu/masters

Evaluating and managing valve disease patients

Medical vs percutaneous vs surgical

When is it too late?

2014 Valve Disease Guidelines
Masters of Structural Heart Disease
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Audience
This activity is designed for Cardiologists, Cardiovascular Surgeons, Internists, Cardiologists, Phlebologists, Physical Therapists, Nurse Practitioners, Cardiac Nurses, Cardiac Technologists, and Cardiovascular Program Epidemiologists.

Program Overview
The management of structural heart disease has changed dramatically in the past 5 years. The purpose of this one-day symposium is to provide healthcare providers involved in the management of the adult heart disease an up-to-date expert review on the most recent guidelines, scientific advances, and expanding array of clinical management options for acute and chronic heart disease. This is critically relevant as open heart surgical procedures remain the gold standard for many, but new minimally invasive techniques, such as transcatheter valve replacements, offer significant benefits for selected patients. The symposium will provide healthcare providers with a focused and expert analysis of the latest in invasive and non-invasive approaches to the management of structural heart disease.

Learning Objectives
Upon completion of this symposium, participants should be better able to:
• Discuss the latest technological and procedural advancements in minimally invasive valve replacements
• Discuss percutaneous techniques assessing acute and chronic heart disease
• Present the SYNTAX II/MUST Trial Heart Disease questionnaires on the threshold for valve intervention decision-making, what it means, and how to apply it to clinical management
• Discuss how new guidelines on evaluation and management of structural heart disease, including which patients should have medical, percutaneous or surgical therapy, are emerging
• Compare the differences between difficult and minimally invasive approaches to adult heart disease
• Recognize the potential of left atrial appendage occlusion to prevent thromboembolism in patients with atrial fibrillation

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Evaluating and managing valve disease patients
Guest Faculty

Blaise A. Curic, MD
Professor of Medicine
University of Paris
Pitié-Salpêtrière Hospital
Paris, France

Alois Galla, MD
Head, Department of Cardiology
Clinic for Cardiology and Angiology
University Hospital of Vienna
Vienna, Austria

Host Faculty

Zoltan G. Turi, MD
Section Chief, Invasive and Interventional Cardiology
Rutgers Robert Wood Johnson Medical School
New Brunswick, NJ

Ted E. Fieldman, MD
Chief, Division of Cardiology
Robert Wood Johnson University Hospital
New Brunswick, NJ

Evanston Northwestern Hospital
Director, Cardiac Catheterization
New Brunswick, NJ

Leonard Y. Lee, MD
Section Chief, Invasive and Interventional Cardiology
Rutgers Robert Wood Johnson Medical School
New Brunswick, NJ

James W. Mackenzie, MD
Endowed Chair in Surgery
Professor and Vice Chair of Clinical Affairs
Rutgers Robert Wood Johnson Medical School
New Brunswick, NJ

Stephen K. Jones, FACH E, President and CEO
Robert Wood Johnson University Hospital
New Brunswick, NJ

Method of Participation

This activity is designed to meet the learning objectives and receive Continuing Medical Education (CME) credits, including AMA PRA Category 1 Credits™ and ACCME for the Joint Accreditation Organizations. This program meets the criteria for the award of 5.5 AMA PRA Category 1 Credits™, 11 ACCME P2.0 credits, and 5.5 MOC Part II credits. It is anticipated that participants will receive 5.5 AMA PRA Category 1 Credits™. The Joint Accreditation Organizations are authorized to provide AMA PRA Category 1 Credits™ for this program.

Accreditation and Continuing Education Credits

All individuals who present content and discuss pertinent clinical material for this live activity must disclose to the audience any real or apparent conflicts of interest they may have as related to the topic(s) under discussion. These disclosures will be shared with the audience at the time of the activity.

CME ACCREDITATION:

The Rutgers Robert Wood Johnson Medical School is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The Rutgers Robert Wood Johnson Medical School designates this live activity for a maximum of 5.5 AMA PRA Category 1 Credits™. Physicians should claim the credit commensurate with the extent of their participation in the activity.

Cancellation Policy

For cancellations made at least 14 days prior to the event, 100% of the registration fee will be refunded. Cancellations made 14 days or less from the event date will result in a 50% refund of the registration fee. The Joint Accreditation Organizations reserve the right to cancel this activity if necessary. Liability is limited to the registration fee.

Program Fee

Program Fee: $125

Physicians: $125

Nurses/NPs/PA's: $75

Fellows: No fee

Cancellation Policy

For cancellations made at least 14 days prior to the event, 100% of the registration fee will be refunded. Cancellations made 14 days or less from the event date will result in a 50% refund of the registration fee. The Joint Accreditation Organizations reserve the right to cancel this activity if necessary. Liability is limited to the registration fee.

Additional Information

For further program information and to register online, please visit www.rwjms.edu/2014cardio

For additional program information, or if you have special needs, please contact Chris Archibald at 732-977-5887 or via email at chris.archibald@medintelligence.net.

ACTIVITY CODE: 15MR03

The State University of New Jersey is accredited by the ACCME through its reciprocity agreements to provide continuing medical education for physicians. The State University of New Jersey is an equal opportunity educator and employer.

Evaluation and Managing Patients with Atrial Fibrillation and Left Atrial Appendage Emboli

Atrial fibrillation (AF) is the most common arrhythmia in adults and is a significant cause of stroke. In the United States, an estimated 300,000 strokes and 200,000 deaths occur annually. The primary risk factors for atrial fibrillation are age (older than 65 years), hypertension, diabetes, valvular heart disease, thyroid disease, heart failure, and left atrial appendage (LAA) thrombus.

Topical Focus

1. Understanding current guidelines for AF
2. Emerging therapies for AF
3. Current and future approaches to stroke prevention

Seminar Purpose

This seminar will provide up-to-date information on the management of patients with AF, focussing on stroke prevention. The seminar will be led by an experienced panel of experts who will provide updated information on the current and future approaches to stroke prevention in patients with AF.
Agenda

8:00 am Registration and Breakfast

8:30 am Welcome

Speaker: John E. Jamieson, President and CEO, Robert Wood Johnson University Hospital

8:45 am

9:15 am

9:45 am

10:15 am

10:45 am

11:15 am

11:45 am

12:15 pm

12:45 pm

1:15 pm

1:50 pm

3:00 pm

4:30 pm

Adjourn

9:00 am The Evolution of Scleral Heart Valve Intervention from Restricted to Expanded Use

Presenter: Stephen K. Jones, FACHE, President and CEO, Robert Wood Johnson University Hospital

Moderators: Hemal Gada, MD, Leonard Y. Lee, MD, and Zoltan G. Turi, MD

Break/Exhibits

Keynote Lecture: Transcatheter Aortic Valve Replacement – From Fanciful Idea to a Great Leap Forward

Presenter: Alain Cribier, MD

The New Face of Surgical Aortic Valve Replacement

Presenter: Leonard Y. Lee, MD

The Evolution of Structural Heart Disease Interventions: From Rashkind to Tomorrows

Presenter: Zoltan G. Turi, MD

Introduction and Overview

Speaker: Stephen K. Jones, FACHE, President and CEO, Robert Wood Johnson University Hospital

Program Committee

Hemal Gada, MD

Abel Moryra, MD

Alain Cribier, MD

Leonard Y. Lee, MD

Blase A. Carabello, MD

Ted E. Feldman, MD

Stephen K. Jones, FACHE

Program Fee

Physicians: $125

Residents/Non-Physicians: $75

To view the complete agenda, please visit www.rwjh.edu/masters.

For additional program information, or if you have special needs, please contact Chris Archibald at 732-977-5887 or carchibald@medintelligence.net.

Cancellation Policy

Full refunds will be made for cancellations received up to four weeks before the program date. After three weeks before the program date, no refunds will be made. Cancellations must be made in writing. Refunds will be processed within 30 days of receipt of notice. If the program is cancelled, liability is limited to the registration fee.

Additional Information

Accreditation and Continuing Education Credits

Rutgers, The State University of New Jersey designates this live activity for a maximum of 5.5 AMA PRA Category 1 Credits™ through their reciprocity agreements. Physicians should only claim credit commensurate with the extent of their participation in the activity. This activity is approved for 5.5 ACCME Category 1 Credits™ through their accreditation with ACCME Program Approval, Inc. New Jersey State Board of Medical Examiners Licensees: This activity includes content that meets the criteria for 5.5 continuing education credits toward the requirements of the New Jersey State Board of Medical Examiners. Licensure to practice medicine does not imply approval of a continuing education activity by the New Jersey State Board of Medical Examiners. The program fee includes continuing education credits, a letter certifying your attendance and program evaluation form at the conclusion of the program.

Method of Participation

Physicians, residents, fellows, and other healthcare professionals are encouraged to attend this program. Participation is an integral component of the program evaluation. The program faculty will briefly discuss the goals of the program and provide some input on the topic of the first 1.5-hour session. There will be an audience response at the conclusion of this session. The faculty will then ask the faculty members to provide input on the topic of the second 1.5 hour session. This activity also includes a question and answer session. All faculty members will participate in the activity.

Registration

Registration for this program is on a first-come, first-served basis. Participants are encouraged to register early to guarantee the continuing education credits and related benefits. To register online, please visit www.rwjh.edu/masters.

For additional information, please contact the following:

ATTN: CDL

Rutgers, The State University of New Jersey

10 Livingston Avenue

New Brunswick, NJ 08901

732-977-5887

Register today! www.rwjh.edu/masters
## Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM</td>
<td>Registration and Breakfast</td>
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<tr>
<td>7:45 AM</td>
<td>Welcome</td>
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<tr>
<td>8:00 AM</td>
<td>Steve F. Jones, MD, President and CEO, Robert Wood Johnson University Hospital</td>
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<td>8:15 AM</td>
<td>The Evaluation of Left Ventricular Outcomes: From Raincheck to Tomorrow</td>
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<td>The Role of Left Ventricular Size in Operative Decision Making</td>
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<td>The Crystal Ball: Where TA VR is Going – Local Anesthesia, Same or Next Day Discharge</td>
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<td>The New Approach to Mitral Valve Repair</td>
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<td>Left Atrial Appendage Occlusion: Shutting Out Embolic Disease Without Anticoagulation</td>
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<td>Pearls for Clinical Practice: Takeaways for Aortic Stenosis and Mitral Regurgitation Management in 2014</td>
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### Method of Participation

To participate in this continuing medical education activity and receive continuing medical education credits, participants are required to check in at the registration desk, attend all sessions, participate in the evaluation process, and complete the post-session evaluation. Participating in the activity is for the purpose of earning CME credits. The State University of New Jersey and Robert Wood Johnson University Hospital reserves the right to provide continuing medical education for physicians. For additional information, please call 732-977-5887 or send an email to carchibald@medtelligence.net. Participants with special needs should contact Chris Archibald at carchibald@medtelligence.net by midnight on March 8, 2014, to ensure that special needs can be accommodated.

### Accreditation and Continuing Education Credits

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME). The State University of New Jersey and Robert Wood Johnson University Hospital designates this educational activity for a maximum of 9.00 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Cancellation Policy

Refunds for cancellations post-March 8, 2014, cannot be honored. Parking is available onsite at the Hyatt Regency. Complimentary parking is available on a limited, first-come/first-served basis for meeting attendees. For additional information on the registration process, please call 732-977-5887 or send an email to carchibald@medtelligence.net.
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MASTERS OF STRUCTURAL HEART DISEASE

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Audience
This activity is designed for Cardiologists, Cardiovascular Surgeons, Internists, Bariatric Physicians, Physical therapists, Nurse Practitioners, Cardiac Nurses, Technologists, and Cardiovascular Program Educators.

Program Overview
The management of structural heart disease has changed dramatically in the past 5 years. The purpose of this lecture is to apprise you of the current guidelines and literature that are in the management of structural heart disease and to improve your understanding and clinical management options for aortic and mitral valve disease. This is especially relevant as multiple additional societal recommendations will be presented at the AHA meeting.

Learning Objectives
By completion of this activity, participants should be better able to:

• Discuss the latest technological and procedural advancements in minimally invasive approaches to replace aortic valves

• Apply guideline recommendations on the use of cardiac catheterization and echocardiogram tests in assessing aortic valve disease and its severity

• Implement the 2014 ACC/AHA guidelines recommendations on the thresholds for aortic valve disease intervention, what testing is needed, and the algorithm for medical vs. surgical management

• Describe how minimally invasive aortic valve replacement, its benefits and limitations, may be used as treatment compared with the available spectrum of treatment modalities

• Apply new guideline recommendations on the evaluation and management of mitral valve disease, including which patients should have medical, percutaneous, or surgical therapy

• Discuss the differences between difficult and minimally invasive approaches to mitral valve repair or replacement

• Determine the potential of left atrial appendage occlusion to prevent thromboembolism in patients with atrial fibrillation

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Endorsed by the NJ Chapter of the American College of Cardiology

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Evaluating and managing valve disease patients