Advanced Catheter Ablation:
New Tips, Techniques, and Technologies for Complex Arrhythmias

October 2 – 5, 2015 | Fairmont Washington D.C., Georgetown

Friday, October 2, 2015
7:00 a.m. Registration and Continental Breakfast
8:00 a.m. Welcome & Introduction
Course Directors

**Fundamentals and Supraventricular Tachycardias**
Moderator: Douglas L. Packer, M.D.

8:15 a.m. Mapping Fundamentals, Electrograms, and Entrainment Pitfalls
William G. Stevenson, M.D.

9:00 a.m. Cavotricuspid Isthmus Dependent Atrial Flutter: Tough Cases
David J. Callans, M.D.

9:45 a.m. Focal Atrial Tachycardia
David J. Wilber, M.D.

10:15 a.m. Refreshment Break

10:30 a.m. Ablation of Atrioventricular Nodal Reentrant Tachycardia (AVNRT):
When Slow Pathway Ablation Is Not Enough
Warren M. Jackman, M.D.

11:15 a.m. Illustrative Cases of AVNRT
Dr. Samuel J. Asirvatham

12:00 p.m. Lunch

**Fundamentals and Supraventricular Tachycardias**
Moderator: William G. Stevenson, M.D.

1:00 p.m. Diagnostic Maneuvers for SVT/AVNRT/Accessory Pathways
Douglas L. Packer, M.D.

1:30 p.m. Ablation of Wolff-Parkinson-White Syndrome (WPW): Free Wall
Accessory Pathways with Cases Studies
Warren M. Jackman, M.D.
2:30 p.m. Dealing with Atrial Arrhythmias in Unusual Settings: Congenital Heart Disease, Post-Surgical Cases  
*Samuel J. Asirvatham, M.D.*

3:00 p.m. Atriofascicular Pathways: Mahaim or Mahem  
*Warren M. Jackman, M.D.*

3:30 p.m. Question and Answer  
*Drs. Packer, Jackman, and Asirvatham*

3:45 p.m. Refreshment Break

4:00 p.m. Biophysics of RF, Contact Force, and Cryo Ablation  
*Douglas L. Packer, M.D.*

4:30 p.m. Signals in the EP Lab: Generating and Cleaning Them Up  
*Samuel J. Asirvatham, M.D.*

5:00 p.m. Adjourn

**Saturday, October 3, 2015**

7:30 a.m. Continental Breakfast

7:55 a.m. Introduction and Comments  
*William G. Stevenson, M.D.*

**Ventricular Tachycardia**  
Moderator: *William G. Stevenson, M.D.*

8:00 a.m. Anatomy of the Ventricles Relevant to Ablation: Anatomy and Approaches  
*Samuel J. Asirvatham, M.D.*

8:30 a.m. Right Side-vs-Left Side; Inside-vs-Outside: Where to Start  
*David J. Callans, M.D.*

9:00 a.m. Cases of RV and LV Outflow Tract and Aortic Tachycardias  
*Douglas L. Packer, M.D.*

9:30 a.m. Question and Answer  
*Drs. Asirvatham, Callans, and Packer*

10:00 a.m. Refreshment Break

10:15 a.m. LV Fascicular and Papillary Muscle Tachycardias: What is the Potential?
Samuel J. Asirvatham, M.D.

10:45 a.m.  Epicardial Mapping and Ablation: Tricks for Ablation and When to Start Outside  
David J. Wilber, M.D.

11:15 a.m.  Ablation of VT with Bizarre Substrates: Congenital, Sarcoid, ARVC  
William G. Stevenson, M.D.

11:45 a.m.  Question and Answer  
Drs. Asirvatham, Wilber, and Stevenson

12:00 p.m.  Lunch

Ventricular Tachycardia  
Moderator: David J. Wilber, M.D.

1:00 p.m.  Defining the Substrate for Scar-Related VT  
David J. Wilber, M.D.

1:30 p.m.  Mapping During VT for Scar-Related VTs: Defining Circuits  
William G. Stevenson, M.D.

2:00 p.m.  Aggressive Strategies for Substrate Ablation: Border Zone and Substrate Homogenization, and Ablation of LAVA/Late Potentials  
Douglas L. Packer, M.D.

2:30 p.m.  Ablation of Polymorphic VT / Ventricular Fibrillation  
David J. Callans, M.D.

3:00 p.m.  Ventricular Tachycardia Ablation Back-up: Support Device and CNS Monitoring  
Vivek Y. Reddy, M.D.

3:30 p.m.  Questions and Answers  
Drs. Stevenson, Packer, Callans, and Reddy

3:45 p.m.  Refreshment Break

4:15 p.m.  Hands On Cardiac Anatomy  
Samuel J. Asirvatham, M.D. and Faculty

6:00 p.m.  Adjourn
Sunday, October 4, 2015

7:15 a.m. Continental Breakfast

7:55 a.m. Introduction and Comments
Douglas L. Packer, M.D.

Atrial Fibrillation
Moderator: David J. Wilber, M.D.

8:00 a.m. The Atria: Critical Anatomy. What You Need to Know
Samuel J. Asirvatham, M.D.

8:45 a.m. Pulmonary Vein Isolation: Do All – End All? Establishing Endpoints
Gregory F. Michaud, M.D.

9:15 a.m. Neural Targets for AF Ablation
Warren M. Jackman, M.D.

9:45 a.m. Question and Answer
Drs. Asirvatham, Michaud, and Jackman

10:00 a.m. Refreshment Break

10:15 a.m. CT/MRI Imaging of AF Substrate: What Does It Add?
David J. Wilber, M.D.

11:00 a.m. Mapping of Persistent AF: Rotors and Drivers
Douglas L. Packer, M.D.

11:45 a.m. Question and Answer
Drs. Wilber and Packer

12:00 p.m. Working Lunch

Atrial Fibrillation
Moderator: Douglas L. Packer, M.D.

12:15 p.m. Illustrative Case: Ablation for Persistent AF / PVI or MORE
Vivek Y. Reddy, M.D.

12:45 p.m. Illustrative Case: Ablation for Persistent AF/ Rotors or Not
David J. Wilber, M.D.
1:15 p.m.  Post Ablation Atrial Tachycardias: A Systematic Approach
Smit Vasaiwala, M.D.

1:45 p.m.  Case Based Discussion
Persistent AF: What is the Best Approach in 2015?
Presenter: Dr. Natale
Faculty Panel: Drs. Reddy, Wilber, Packer, and Michaud

2:30 p.m.  Refreshment Break

2:45 p.m.  Ablation Using Laser Balloons
Vivek Y. Reddy, M.D.

3:15 p.m.  Second Generation Cryo Balloon Technologies for Ablation
Douglas L. Packer, M.D.

3:30 p.m.  Managing Risks of AF Ablation: Protecting the Brain, Esophagus, and Phrenic Nerve
Andrea Natale, M.D.

4:00 p.m.  Emerging Ablation and Imaging Technologies for Approaches to AF Ablation
Douglas L. Packer, M.D.

4:30 p.m.  Question and Answer
Drs. Reddy, Natale, Wilber, and Michaud

5:00 p.m.  Adjourn

Monday, October 5, 2015
7:15 a.m.  Continental Breakfast

7:55 a.m.  Introduction and Comments
Douglas L. Packer, M.D.

Ablation Live or Almost
Moderator: Douglas L. Packer, M.D.

8:00 a.m.  Illustrative Case Presentations:
Moderator: Douglas L. Packer, M.D.
Faculty Panel: Drs. Reddy, Packer, Wilber, and Stevenson
(Each panel member will bring a video case example for discussion – 15 min each)
10:00 a.m.      Refreshment Break

10:15 a.m.      Anticoagulation: Before During and After Ablation. NOAC’s or Not
                 *Peter A. Noseworthy, M.D.*

10:45 a.m.      Appendage Closure: Devices and Strategies
                 *Vivek Y. Reddy, M.D.*

11:15 a.m.      Lightening Rounds: Toughest Cases of Our Lives
                 *Faculty*

12:00 p.m.      Adjourn