



Workshop on Robotic Cardiac Surgery:

Hands-On Team Training in
Robotic Mitral Valve Repair,
Coronary Bypass & More



March 29-30, 2019
Atlanta, GA

AGENDA

COURSE DIRECTORS

Husam H. Balkhy, Chicago, IL
Joseph A. Dearani, Rochester, MN
T. Sloane Guy, New York, NY
Douglas A. Murphy, Atlanta, GA

DAY 1 - FRIDAY, MARCH 29

Robotic Mitral Valve Repair & Intracardiac Procedures

7:00 a.m. – 7:30 a.m.

REGISTRATION / BREAKFAST

7:30 a.m. – 7:40 a.m.

Welcome and Introductions
T. Sloane Guy, New York, NY, and Joseph A. Dearani, Rochester, MN

7:40 a.m. – 9:00 a.m.

Basic Building Blocks to Starting a Robotic Cardiac Surgery Program

Moderators: *T. Sloane Guy, New York, NY, and Joseph A. Dearani, Rochester, MN*

7:40 a.m. – 7:50 a.m.

Overview of Current Evidence for Robotic Cardiac Surgery
Vinay Badhwar, Morgantown, WV

7:50 a.m. – 8:00 a.m.

Ideal Prerequisites and Options for Surgeon and Team Training
Richard J. Shemin, Los Angeles, CA

8:00 a.m. – 8:10 a.m.

How to Launch a Robotic Cardiac Surgery Program in Your Hospital
Eugene A. Grossi, New York, NY

8:10 a.m. – 8:20 a.m.

Basic Procedural Steps for Robotic Mitral Valve Repair
Douglas A. Murphy, Atlanta, GA

8:20 a.m. – 8:30 a.m.

Basic Procedural Steps for Robotic-Assisted Coronary Artery Bypass
Marc R. Katz, Charleston, SC

8:30 a.m. – 9:00 a.m.

Panel Discussion

9:00 a.m. – 9:30 a.m.

BREAK / EXHIBITS

9:30 a.m. – 11:00 a.m.

Mitral Valve Repair & Intracardiac Procedures

Moderators: *Douglas A. Murphy, Atlanta, GA and A. Marc Gillinov, Cleveland, OH*

9:30 a.m. – 9:40 a.m.

Patient Selection and Preoperative Assessment
A. Marc Gillinov, Cleveland, OH

9:40 a.m. – 9:50 a.m.	Circulatory Management and Cannulation: Endoballoon and Transthoracic Clamp <i>T. Sloane Guy, New York, NY</i>
9:50 a.m. – 10:00 a.m.	Port Placement and Incision Options <i>Clifton T. Lewis, Birmingham, AL</i>
10:00 a.m. – 10:10 a.m.	Overview of the Robotic Mitral Valve Repair Toolkit <i>Joseph A. Dearani, Rochester, MN</i>
10:10 a.m. – 10:20 a.m.	When to Convert: Avoiding Complications <i>W. Randolph Chitwood Jr., Greenville, NC</i>
10:20 a.m. – 10:30 a.m.	Other Intracardiac Procedures <i>Didier F. Loulmet, New York, NY</i>
10:30 a.m. – 11:00 a.m.	Panel Discussion
11:00 a.m. – 11:30 a.m.	BREAK / EXHIBITS
11:30 a.m. – 12:30 p.m.	Robotic Mitral Repair: Live Step-by-Step Simulation <i>Douglas A. Murphy, Atlanta, GA</i>
12:30 p.m. – 1:30 p.m.	LUNCH / KEYNOTE SPEAKER “The Future of Robotic Surgical Systems” <i>Thomas P. Low, Menlo Park, CA</i> <i>Director, Medical Systems and Telerobotics, Robotic Systems, SRI International</i>
1:30 p.m. – 2:00 p.m.	TRANSITION TO TRAINING CENTER

Training Center

2:00 p.m. – 6:00 p.m.	Hands-On Surgeon & Team Training: Mitral Valve Repair & Intracardiac Procedures <i>All Faculty Members</i>
6:00 p.m.	ADJOURNMENT

DAY 2 - SATURDAY, MARCH 30

Robotic Coronary Artery Bypass

7:00 a.m. – 7:30 a.m.	BREAKFAST
7:30 a.m. – 7:40 a.m.	Welcome and Introductions <i>Husam H. Balkhy, Chicago, IL</i>
7:40 a.m. – 9:30 a.m.	Robotic-Assisted Coronary Artery Bypass Moderators: <i>Husam H. Balkhy, Chicago, IL, and Francis P. Sutter, Wynnewood, PA</i>
7:40 a.m. – 7:50 a.m.	Robotic-Assisted Coronary Artery Bypass: Who, Why, and How <i>Michael E. Halkos, Atlanta, GA</i>
7:50 a.m. – 8:00 a.m.	How to Perform a Robotic Internal Mammary Artery Takedown <i>Larry L. Shears, Chattanooga, TN</i>

8:00 a.m. – 8:10 a.m.	Robotic Minimally Invasive Direct Coronary Artery Bypass (MIDCAB) <i>Francis P. Sutter, Wynnewood, PA</i>
8:10 a.m. – 8:20 a.m.	How to Avoid and Get Out of Trouble with Robotic MIDCAB Procedures <i>Nirav C. Patel, New York, NY</i>
8:20 a.m. – 8:30 a.m.	When and How to Convert Robotic Coronary Procedures <i>Bob B. Kiaij, London, Canada</i>
8:30 a.m. – 8:40 a.m.	Avoiding and Managing Complications <i>L. Wiley Nifong, Greenville, NC</i>
8:40 a.m. – 8:50 a.m.	Current Options for Totally Endoscopic Coronary Artery Bypass (TECAB) <i>Husam H. Balkhy, Chicago, IL</i>
8:50 a.m. – 9:00 a.m.	Hybrid Approaches in Robotic Coronary Artery Bypass <i>John D. Puskas, New York, NY</i>
9:00 a.m. – 9:30 a.m.	Panel Discussion
9:30 a.m. – 10:00 a.m.	BREAK / EXHIBITS
10:00 a.m. – 11:00 a.m.	Robotic Coronary Artery Bypass: Live Step-by-Step Simulation <i>Francis P. Sutter, Wynnewood, PA</i>
11:00 a.m. – 11:45 a.m.	LUNCH
11:45 a.m. – 12:00 p.m.	TRANSITION TO TRAINING CENTER
Training Center	
12:00 p.m. – 4:00 p.m.	Hands-On Team Training: Coronary Artery Bypass <i>All Faculty Members</i>
4:00 p.m.	ADJOURNMENT