

2ND NORTH AMERICAN AORTIC VALVE REPAIR SYMPOSIUM

AGENDA

FRIDAY, SEPTEMBER 9, 2016

6:45 AM – 7:30 AM Registration/Breakfast

7:30 AM – 7:45 AM

Welcoming Remarks

Joseph E. Bavaria, MD

Munir Boodhwani, MD, MMSc, FRCSC

9:05 AM – 9:25 AM

Valve Sparring Root Replacement: Remodeling Technique and External Ring Annuloplasty

Emmanuel Lansac, MD, PhD

9:25 AM – 10:00 AM

Panel Discussion

10:00 AM – 10:30 AM - Break

MORNING SESSION 1

BASIC CONCEPTS IN AORTIC VALVE PRESERVATION AND REPAIR

Moderators: Joseph E. Bavaria, MD
and Munir Boodhwani, MD, MMSc, FRCSC

7:45 AM – 8:00 AM

Intraoperative Echocardiographic Analysis of Aortic Valve and Root

John G. Augoustides, MD, FASE, FAHA

8:00 AM – 8:15 AM

Aortic Valve Anatomy and Function

Karen M. Kim, MD

8:15 AM – 8:30 AM

Review of ACC/AHA Guidelines for Management of Aortic Insufficiency: Pitfalls and Nuances

Robert O. Bonow, MD

8:30 AM – 8:45 AM

Surgical Indications for Root and Ascending Aortic Disease: Reconciling the American, Canadian, and European Guidelines

Lars Svensson, MD, PhD

8:45 AM – 9:05 AM

Valve Sparring Root Replacement: Reimplantation Technique - Step by Step

Munir Boodhwani, MD, MMSc, FRCSC

MORNING SESSION 2

SURGICAL APPROACH TO AORTIC INSUFFICIENCY

Moderators: Joseph E. Bavaria, MD and
Joseph S. Coselli, MD

10:30 AM – 10:50 AM

Structural Mechanisms of Aortic Insufficiency and Surgical Approach to Aortic Valve Repair

Munir Boodhwani, MD, MMSc, FRCSC and
Benjamin Sohmer MD, MEd, FRCPC

10:50 AM – 11:05 AM

Annular Stabilization Techniques in the Context of Aortic Valve Repair

Prashanth Vallabhajosyula, MD, MS

11:05 AM – 11:45 AM

Aortic Valve Assessment and Repair – Case Based Presentations

(Echo and Surgery; Ottawa/Penn Faculty)
Munir Boodhwani, MD, MMSc, FRCSC, Bradley
Leshnowar, MD, FACS, Maria Rodriguez, MD,
and Benjamin Sohmer MD, MEd, FRCPC

11:45 AM – 11:50 AM

Introduction of Keynote Speaker

Hans-Hinrich Sievers, MD
Joseph E. Bavaria, MD

SOFITEL PHILADELPHIA
FRIDAY-SATURDAY, SEPTEMBER 9-10, 2016

2ND NORTH AMERICAN AORTIC VALVE REPAIR SYMPOSIUM

11:50 AM – 12:15 PM

KEYNOTE LECTURE

An Individualized Approach to the Ascending Aorta in Bicuspid Aortic Valve Disease

Hans-Hinrich Sievers, MD

12:15 PM – 12:40 PM

Panel Discussion

12:40 PM – 1:00 PM

Pick-up Lunch

1:00 PM – 2:00 PM

Working Lunch with Case Presentations by Aortic Fellows:

Complex BAV Repair with External Aortic Ring: Triangular Leaflet Resection with Primary Closure and Extensive Decalcification

Christine Herman, MD

Valve Sparing Root Reimplantation of a Unicuspid Valve Variant: 180°/180° Geometric Orientation

Ibrahim Sultan, MD

Valve Sparing Root Reimplantation of Type I BAV: 150°/210° Geometric Orientation

George Arnaoutakis, MD

Complex BAV Leaflet Repair with Valve Sparing Root Reimplantation:

180°/180° Geometric Orientation

Shinichi Fukuhara, MD

Three Cusp Aortic Valve Repair for Eccentric Aortic Insufficiency with Multiple Asymmetric Leaflets: Reimplantation Procedure

George Arnaoutakis, MD

2:00 PM – 2:10 PM - Break

AFTERNOON SESSION I

**BICUSPID AORTIC VALVE REPAIR
– DEEP DIVE**

Moderators: Munir Boodhwani, MD, MMSc, FRCSC and Emmanuel Lansac, MD, PhD

2:10 PM – 2:25 PM

Geometric Orientation of the Aortic Neoroot in Type I Bicuspid Aortic Valve Sparing Root Reimplantation

Joseph E. Bavaria, MD

2:25 PM – 2:40 PM

Bicuspid Aortic Valve Repair in the Setting of Severe Aortic Insufficiency: Live-in-box Presentation

Edward Chen, MD

2:40 PM – 2:55 PM

Bicuspid Aortic Valve Repair With External Subannular Ring – Surgical Approach and Echocardiographic Evaluation

Joseph E. Bavaria, MD

Bonnie Milas, MD

2:55 PM – 3:15 PM

Radical Bicuspid Aortic Valve Repair – Type I to Type 0 Conversion: Live-in-box Presentation and Outcomes

Thomas Gleason, MD

3:15 PM – 3:30 PM

Sievers Type I Right-left Conjoint Cusp Bicuspid Aortic Valve Repair: Step-by-step Approach

Gebrine El Khoury, MD

3:30 PM – 3:55 PM

Panel Discussion

3:55 PM – 4:25 PM - Break

SOFITEL PHILADELPHIA
FRIDAY-SATURDAY, SEPTEMBER 9-10, 2016

**2ND NORTH AMERICAN
AORTIC VALVE REPAIR SYMPOSIUM**

AFTERNOON SESSION 2

**OUTCOMES AND ALTERNATIVES TO
AORTIC VALVE REPAIR**

6:10 PM

Adjourn

Moderators: Joseph E. Bavaria, MD and Joseph S.
Coselli, MD

6:10 PM - 6:45 PM

Reception

Liberté

1st Floor - Sofitel Philadelphia

4:25 PM – 4:40 PM

**Valve Sparing Versus Composite Replacement
in Marfan Syndrome**

Joseph S. Coselli, MD

4:40 PM – 4:55 PM

**Midterm Outcomes With BAV Repair With
Valve Sparing Root Reimplantation Versus
Bentall Root Replacement for Aortic
Insufficiency With Root Aneurysm**

Prashanth Vallabhajosyula, MD, MS

4:55 PM – 5:10 PM

**Bentall Procedure in 2016: Valve and Conduit
Choice, Techniques, Tips, and Tricks**

Wilson Y. Szeto, MD

5:10 PM – 5:25 PM

The Ross Procedure: When and How?

Hans-Hinrich Sievers, MD

5:25 PM – 5:40 PM

**Transcatheter Aortic Valve Replacement –
TAVR – for Complex Aortic Valvular
Conditions**

Wilson Y. Szeto, MD

5:40 PM - 6:10 PM

**CTSNet Round Table Discussion:
Threshold for Aortic Replacement in
Bicuspid Aortic Valve**

Joseph E. Bavaria, MD, Munir Boodhwani, MD,
MMSc, FRCSC, Edward Chen, MD,
Joseph S. Coselli, MD, Gebrine El Khoury, MD,
Himanshu Patel, MD, Thomas Gleason, MD, and
Hans-Hinrich Sievers, MD

**SOFITEL PHILADELPHIA
FRIDAY-SATURDAY, SEPTEMBER 9-10, 2016**

2ND NORTH AMERICAN AORTIC VALVE REPAIR SYMPOSIUM

AGENDA

SATURDAY, SEPTEMBER 10, 2016

7:00 AM – 7:45 AM Registration/Breakfast

7:45 AM – 8:00 AM

Opening Remarks

Joseph E. Bavaria, MD

MORNING SESSION I

ADVANCED CONCEPTS IN AORTIC VALVE REPAIR

Moderators: Edward P. Chen, MD and
Wilson Y. Szeto, MD

8:00 AM – 8:15 AM

Three-dimensional Echocardiography for Aortic Valve Anatomy

Benjamin Sohmer MD, MEd, FRCPC

8:15 AM – 8:30 AM

Trileaflet Aortic Valves with Root Dilatation and Severe AI: Live-in-box

Joseph E. Bavaria, MD and Munir Boodhwani,
MD, MMSc, FRCSC

8:30 AM – 8:45 AM

Aortic Valve Sparring Surgery in Emergent Situations: Live-in-box Presentation and Outcomes Analysis

Himanshu Patel, MD

8:45 AM – 8:50 AM

Introduction of Honorary Speaker:

Gebrine El Khoury, MD

Joseph E. Bavaria, MD

8:50 AM – 9:20 AM

HONORARY LECTURE

Managing the AV Annulus:

Experience Over Two Decades

Gebrine El Khoury, MD

9:20 AM – 9:30 AM

When NOT to do Aortic Valve Repair:

Review of the World Literature

Nimesh Desai, MD, PhD

9:30 AM – 9:40 AM

Aortic Valve Repair: The Mayo Clinic Experience

Alberto Pochettino, MD

9:40 AM – 9:55 AM

Aortic Annuloplasty, Effective Height and Geometric Height to Standardize Cusp Repair

Emmanuel Lansac, MD, PhD

9:55 AM – 10:15 AM

Panel Discussion

10:15 AM – 10:45 AM - Break

10:45 AM – 10:55 AM

Unicuspid Aortic Valve Repair: Live-in-box

Munir Boodhwani, MD, MMSc, FRCSC

10:55 AM – 11:50 AM

Cased-based Presentation of Aortic Valve Repair Failures: Echocardiographic and Surgical Evaluation

John Augoustides, MD, FASE, FAHA, Munir
Boodhwani, MD, MMSc, FRCSC, Emmanuel
Lansac, MD, PhD, Benjamin Sohmer, MD, Med,
FRCPC, and Prashanth Vallabhajosyula, MD, MS

11:50 AM – 12:05 PM

Managing Cusp Restriction and Calcification

Gebrine El Khoury, MD

12:05 PM – 12:50 PM

Panel Discussion and Closing Remarks

12:50 PM

Adjourn

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