



NORTH AMERICAN



# AORTIC VALVE REPAIR SYMPOSIUM

## SEPTEMBER 5, 2025 | OTTAWA, CANADA

\*Please note this program is subject to change\*

**7:40 - 7:50**

**Welcome from the Ottawa Heart Institute Leadership**

**7:50 - 8:00**

**Introduction and Welcome**

**8:00 - 10:30**

**Session 1 - Aortic Valve: Imaging, Indications, and Anatomy**

- Evaluating the patient with AR: What tests and surgical thresholds to use in 2025?
- Indications for ascending aorta and root replacement: Guidelines and Evidence
- Anatomy of the aortic valve and root: Nuances for AV repair and Ross Procedures
- Echocardiographic Evaluation of Aortic Regurgitation: Mechanisms of Insufficiency
- **Live Case #1**

**10:30 - 10:45**

**Nutrition and Networking Break**

**10:45 - 13:15**

**Session 2 - Techniques of Aortic Valve Repair**

- Valve Analysis: the cornerstone of AV repair
- Key concepts and Technical Nuances of the Reimplantation Procedure
- Key concepts and Technical Nuances of the Reimodelling Procedure
- Annuloplasty of the aortic valve without root replacement: what are the options?
- **Live Case #2**

**13:15 - 13:45**

**Networking Lunch**



NORTH AMERICAN



# AORTIC VALVE REPAIR SYMPOSIUM

## SEPTEMBER 5, 2025 | OTTAWA, CANADA

\*Please note this program is subject to change\*

**13:45 - 16:15**

### **Session 3 - Ross Procedure**

- Patient Selection for the Ross Procedure in 2025
- Technical nuances to prevent late failure of the Ross Procedure in AR [How I do it]
- Long-term outcomes of the pulmonary homograft: Durability and options for intervention
- Reoperation following a Ross Failure: How to preserve the valve?
- **Live Case #3**

**16:15 - 16:30**

### **Nutrition and Networking Break**

**16:30 - 17:45**

### **Session 4 - Advanced AV Repair Techniques (Video Session)**

- Preserving and Repairing the AV in Acute Type A Dissection
- Assessing and managing multiple cusp prolapse
- Cusp Shaving and Decalcification to optimize repair
- The valve leaks: what do I do?

**17:45 - 17:50**

### **Closing Remarks**

---

## WORKSHOPS & BREAKOUT SESSIONS | SEPTEMBER 6, 2025

**7:30 - 9:15**

### **Workshops & Breakout Session (Limited Spaces available)**

1. Wet Lab: Valve sparing root replacement and cusp repair
2. Deep Dive into echocardiographic analysis: for echocardiographers and surgeons



NORTH AMERICAN



# AORTIC VALVE REPAIR SYMPOSIUM

## SEPTEMBER 6, 2025 | OTTAWA, CANADA

\*Please note this program is subject to change\*

**9:30 - 9:40**

### **Opening Remarks & Review of Day 1 Patients**

**9:40 - 12:10**

### **Session 5 - Bicuspid Aortic Valve**

- Anatomic nuances and repair oriented classification of the BAV
- **Live Case #4**
- Repairing the Symmetric BAV (How I do it)
- Repairing the Asymmetric BAV (How I do it)
- BAV repair without root replacement (How I do it)

**12:10 - 13:00**

### **Networking Lunch**

**13:00 - 14:45**

### **Session 6 - Controversies in AV Repair and Ross**

- Debate: AR in the healthy 60 year old patient with repairable valve
- Debate: 40 year old BAV severe AI with aortic root of 40 mm
- Innovations in Aortic Valve and Root Surgery
  - Non-diameter parameters for aortic risk stratification: Are we ready for prime time?
  - Outcomes beyond the first decade: Valve Sparing, AV repair, and Ross
  - Earlier intervention on the AV if repairable

**14:45 - 15:00**

### **Nutrition and Networking Break**

**15:00 - 16:30**

### **Session 7 - Putting it all together**

Rapid fire case rounds with the experts

**16:30 - 16:40**

### **Closing Remarks**