



Centre for  
Heart Valve Innovation  
St. Paul's Hospital, Vancouver

## Taped Video Case

# Transcatheter mitral valve replacement



*Jian (James) Ye, MD, FRCSC*

**Clinical Professor of Surgery, St. Paul's Hospital  
University of British Columbia, Canada**

*TCTAP April 29, 2015 – Seoul, Korea*

# Disclosure

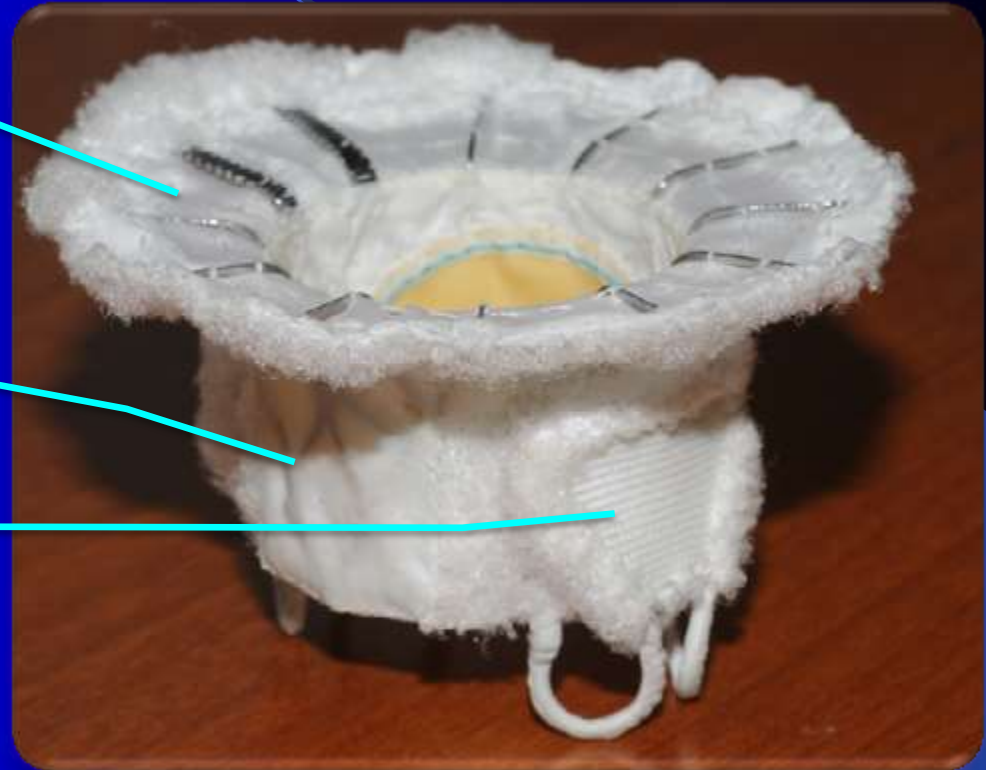
- **Consultant to Edwards Lifesciences**

# Edwards FORTIS Transcatheter Mitral Valve

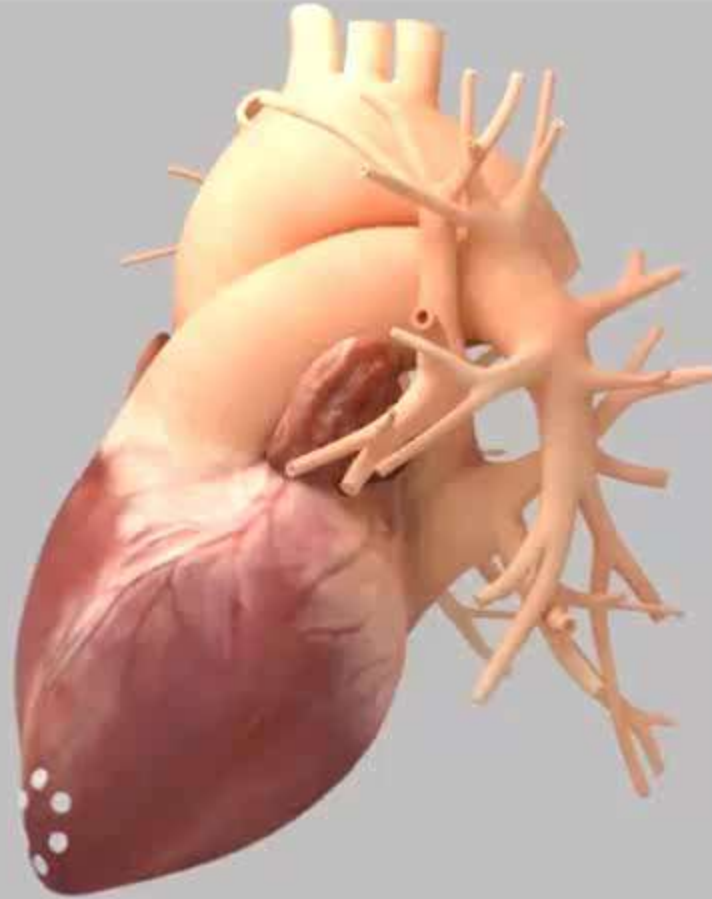
**Atrial Flange**

**Valve Body  
29mm Cylinder**

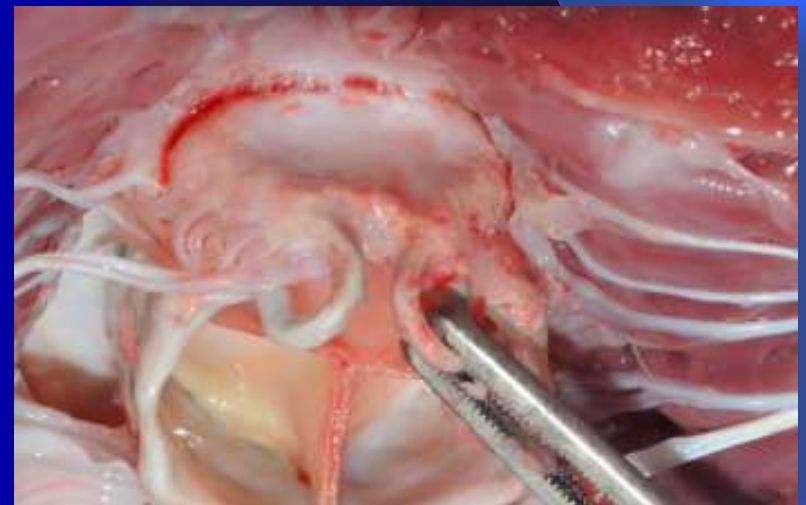
**Paddles**



# Edwards FORTIS Transcatheter Mitral Valve Implantation Animation



# Pre-clinical Studies



# Taped Case



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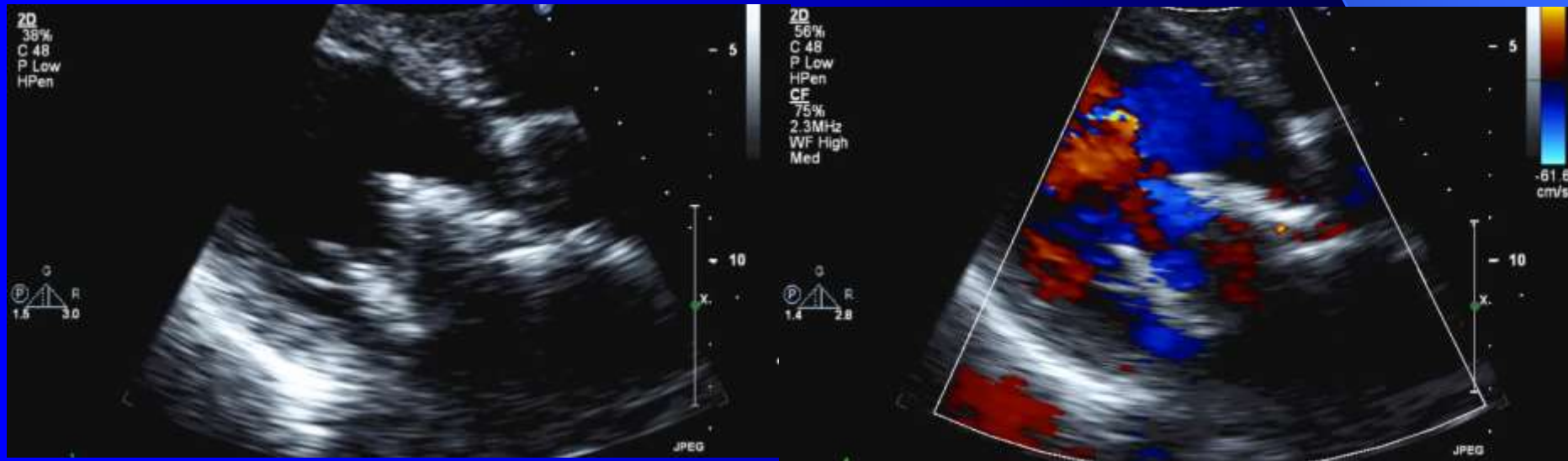
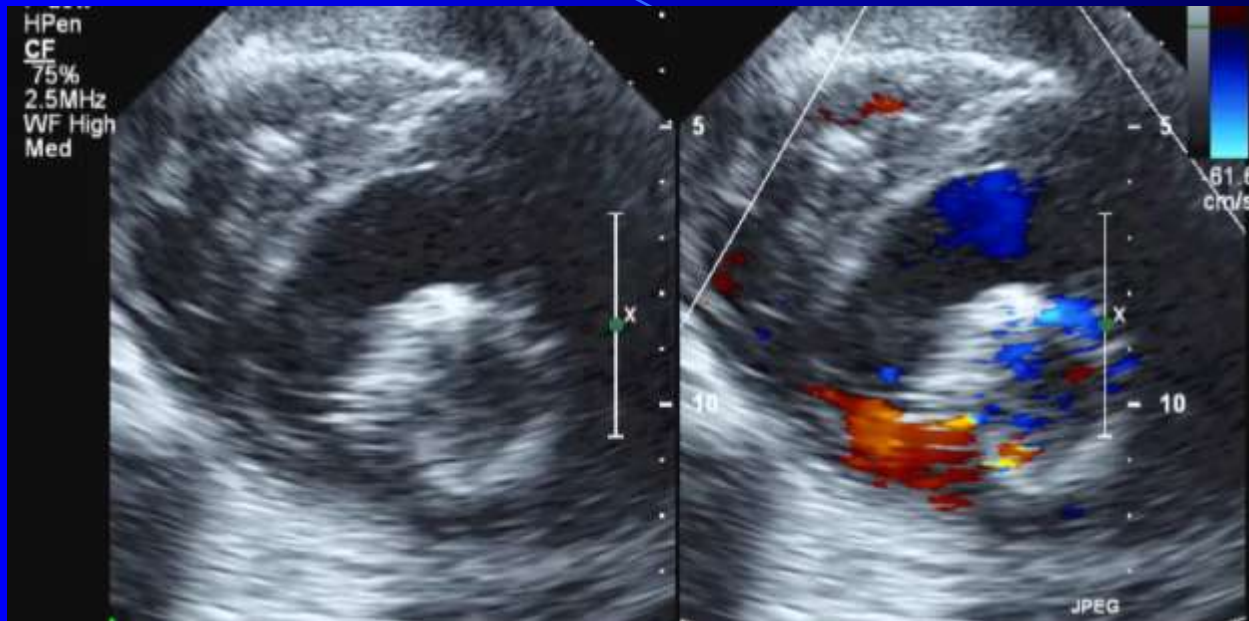
## Edwards FORTIS Transcatheter Mitral Valve Implantation



*Jian (James) Ye, John Webb, Brad Munt, Rob Boone*

**St. Paul's Hospital  
University of British Columbia, Vancouver, Canada**

# Follow-up at 1 month



# 6 month follow-up

“Proof of principal” has been established.



Pre-op



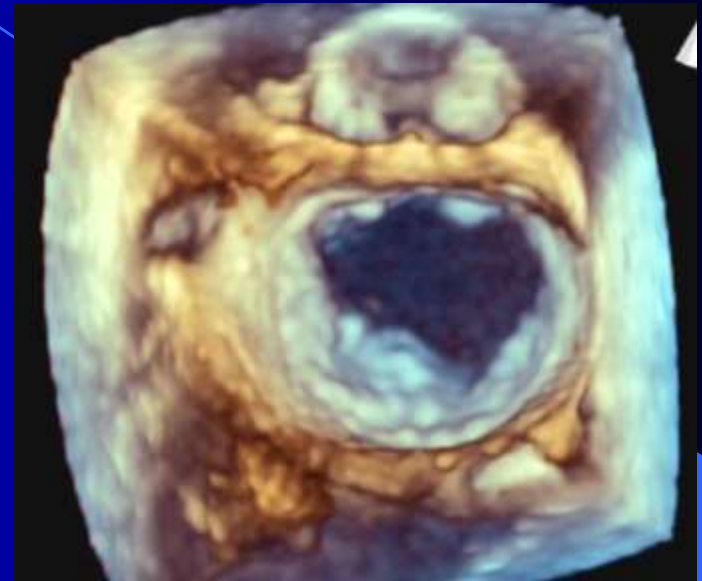
6 Months Post-op

**LV remodeling with Improved LVEF**



# Potential Patients for FORTIS Mitral Valve

- Symptomatic severe MR
- Functional MR
- Structural MR without a large flail segment or significant prolapse of P2 or A2
- High risk or “inoperable” patients
- No significant MV calcification



# Future of TMVR

**On-going feasibility studies:**

- **Edwards Self-Expanding FORTIS Mitral THV**
- **Tiara transcatheter mitral valve**

