

TAVI for Pure Aortic Regurgitation FIH Transfemoral Case

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



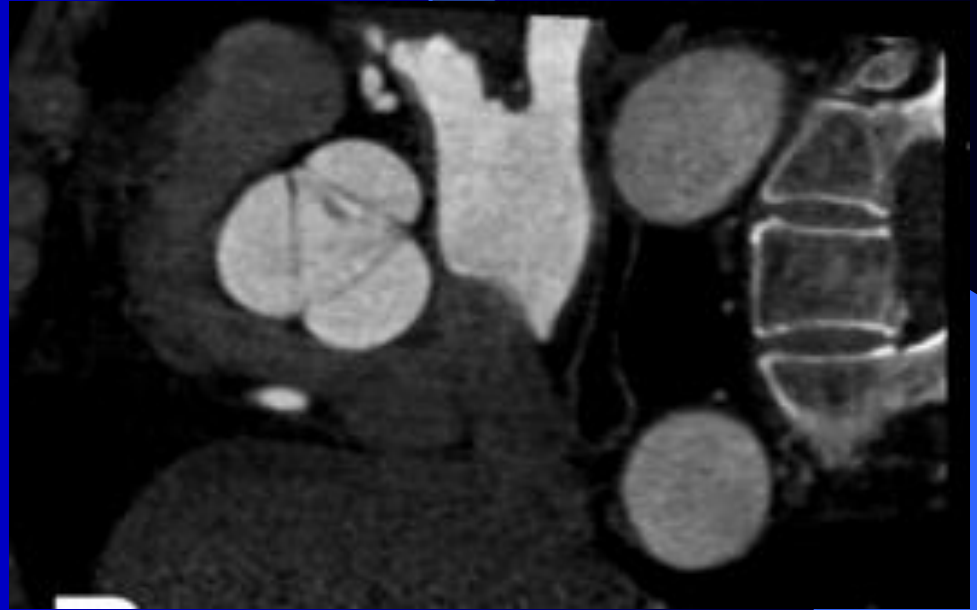
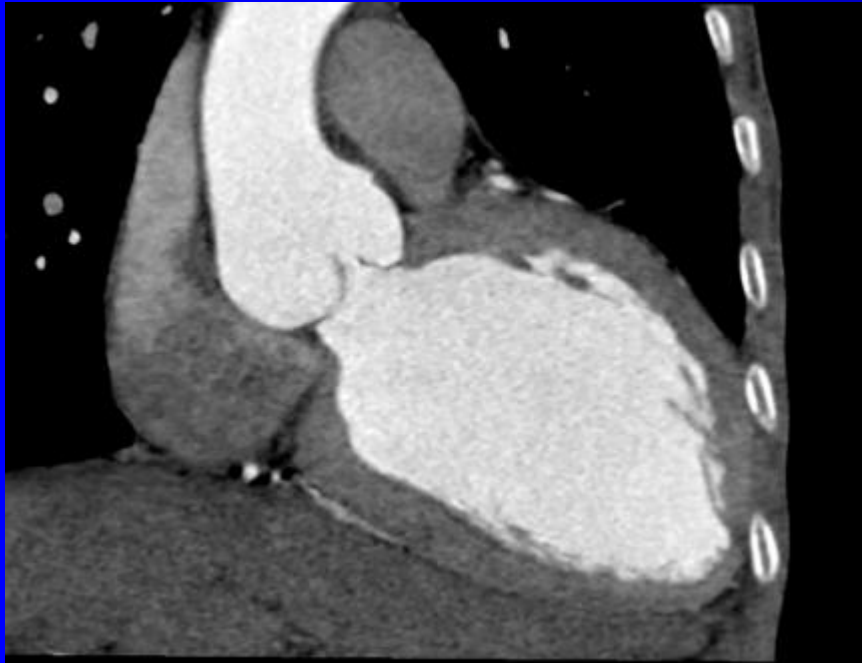
HEART CENTRE
AT ST. PAUL'S HOSPITAL

Disclosure Statement of Financial Interest

Consultant:

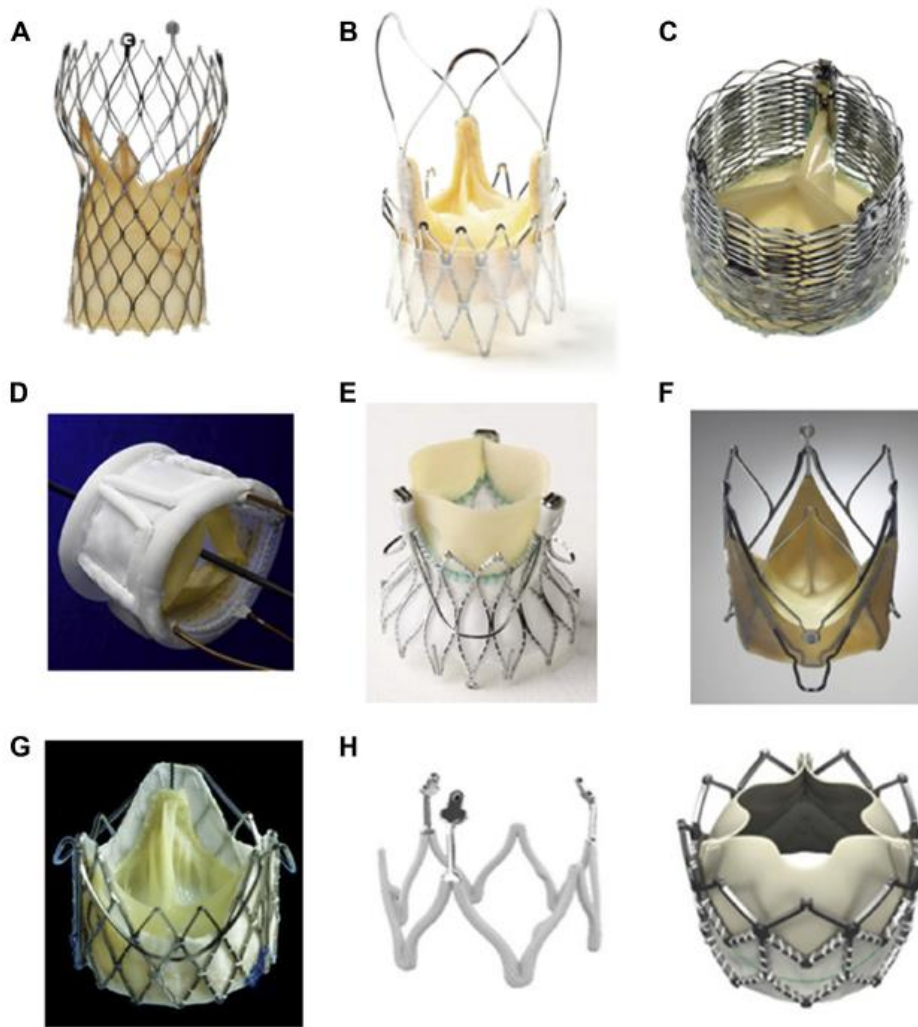
- Edwards Lifesciences**
- JC Medical Inc.**

AI and aortic root



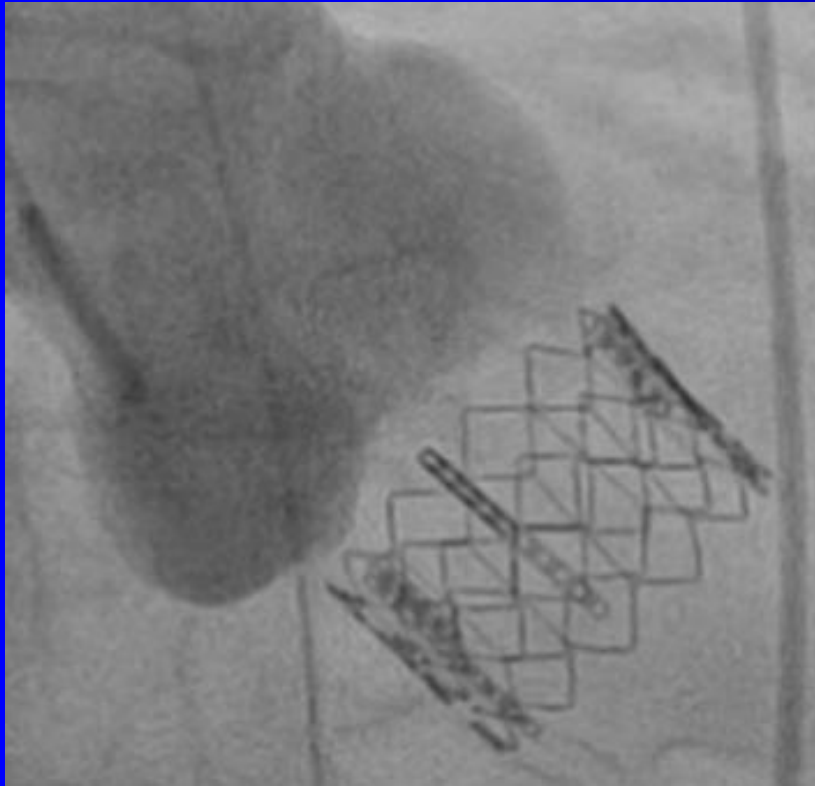
Valves used for AI

FIGURE 1 Transcatheter Heart Valves for Pure Aortic Regurgitation



(A) CoreValve Evolut R (Medtronic). (B) Acurate (Symetis SA). (C) Lotus (Boston Scientific). (D) Direct Flow (Direct Flow Medical Inc.). (E) Engager (Medtronic). (F) JenaValve (JenaValve Technology). (G) J-Valve (JieCheng Medical Technology). (H) Helio dock (left) and SAPIEN XT valve (right) (Edwards Lifesciences).

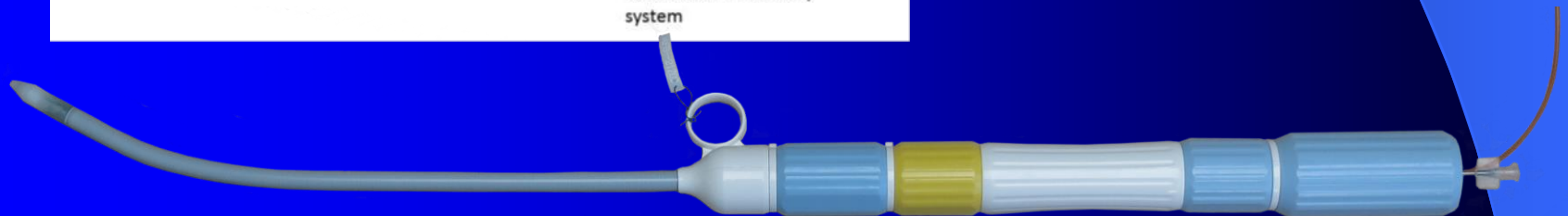
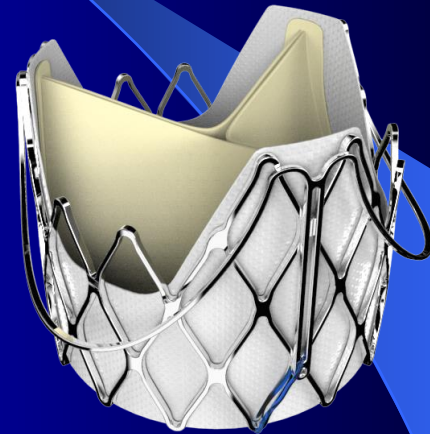
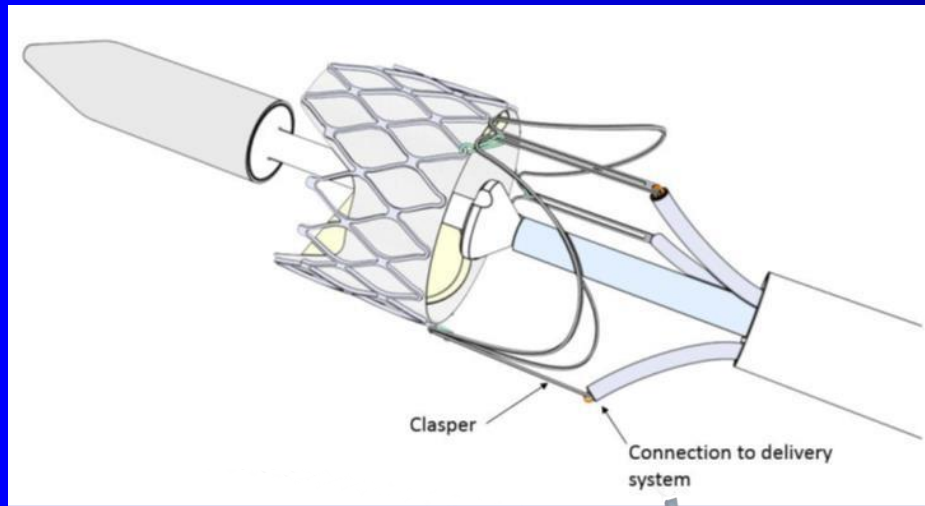
Problems with most THVs in non-calcified AI patients



J-Valve™

JC Medical Technology

Designed for both AS and AI

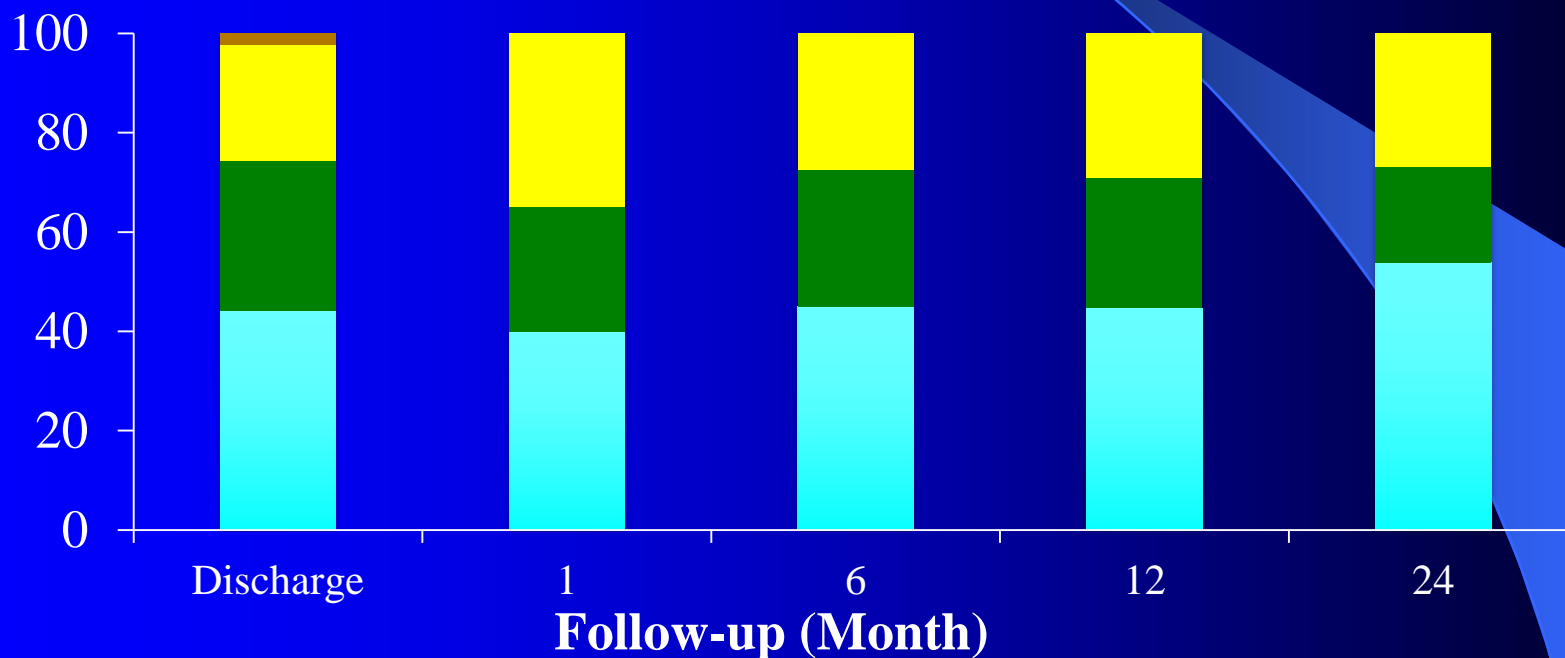


Approved by CFDA in April 2017

J-Valve Clinical Trial: 2 Year Outcome

Paravalvular Leak

None Trivial Mild Moderate Severe



30-day all cause mortality

2.5%

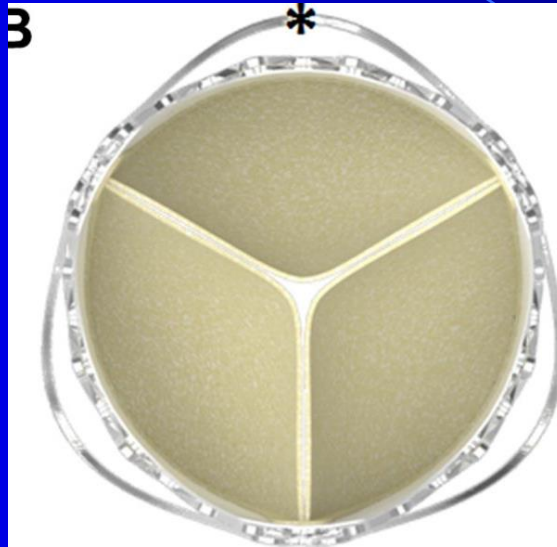
CVA

0.0%

2-year accumulated III° AVB

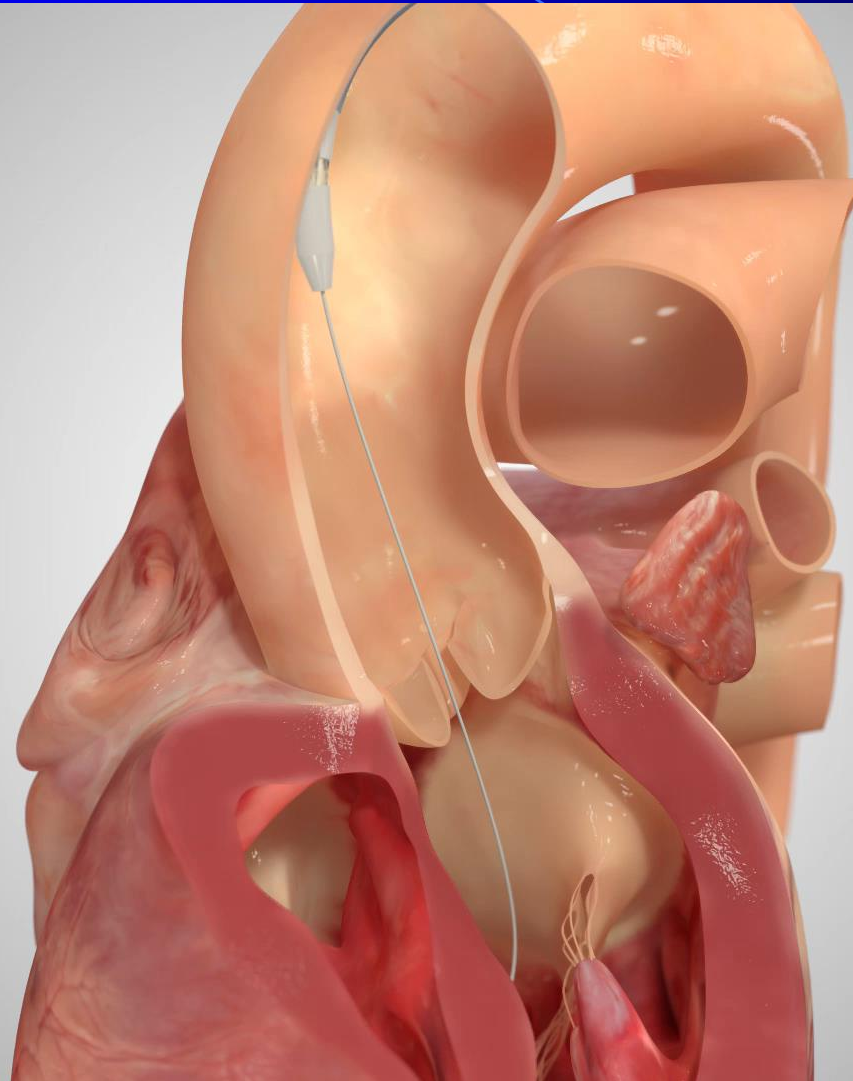
4.7%

J-Valve Vasper TF System



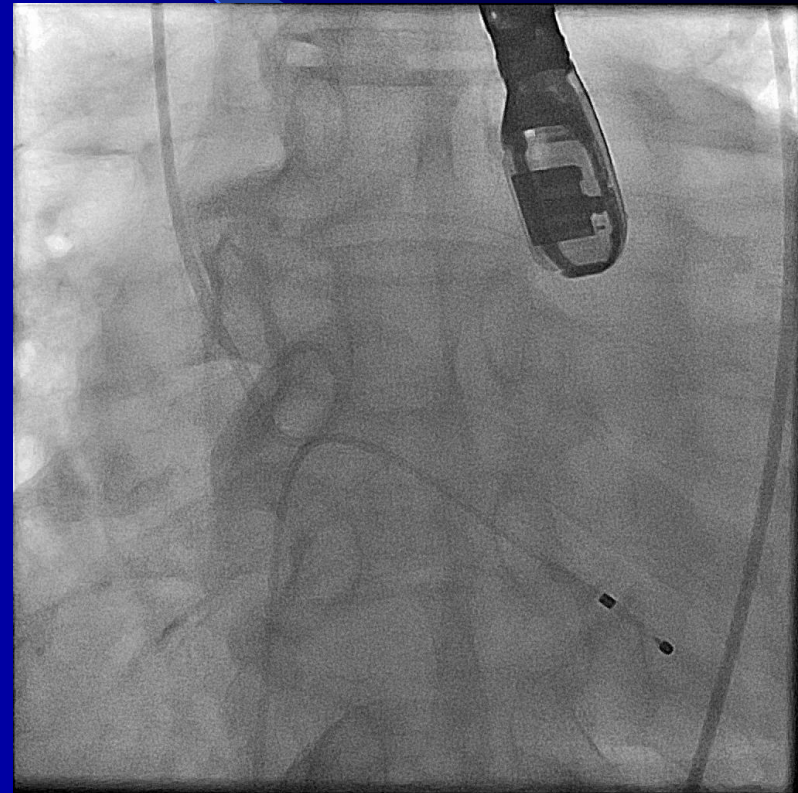
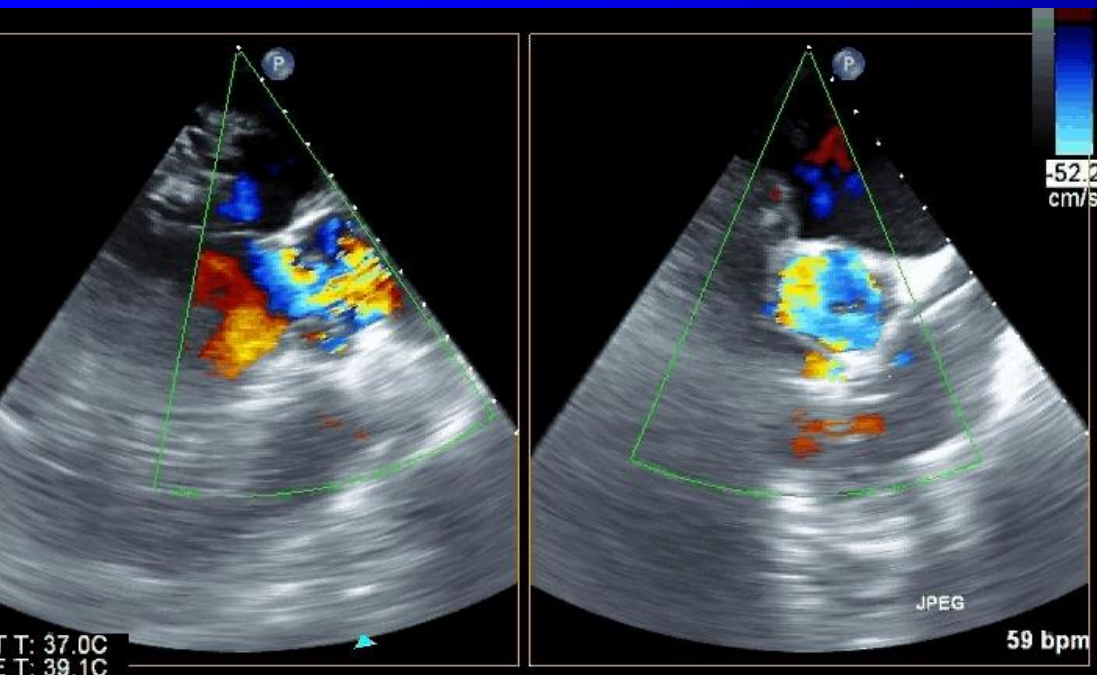
18 Fr.

J-Valve Vasper TF System



J-Valve Vasper TF System

FIH TF J-Valve implantation for pure AI



J-Valve Vasper TF System

FIH TF J-Valve implantation for pure AI

St. Paul's J-Valve TF Case
Dr. Webb and Dr. Ye
08 FEB 2019

Final Echo

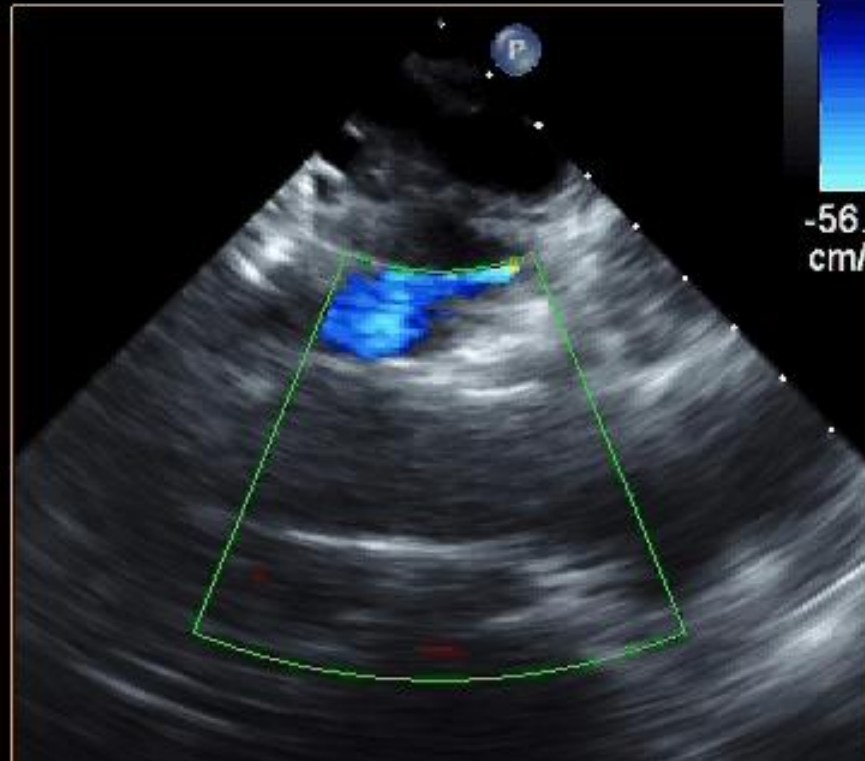
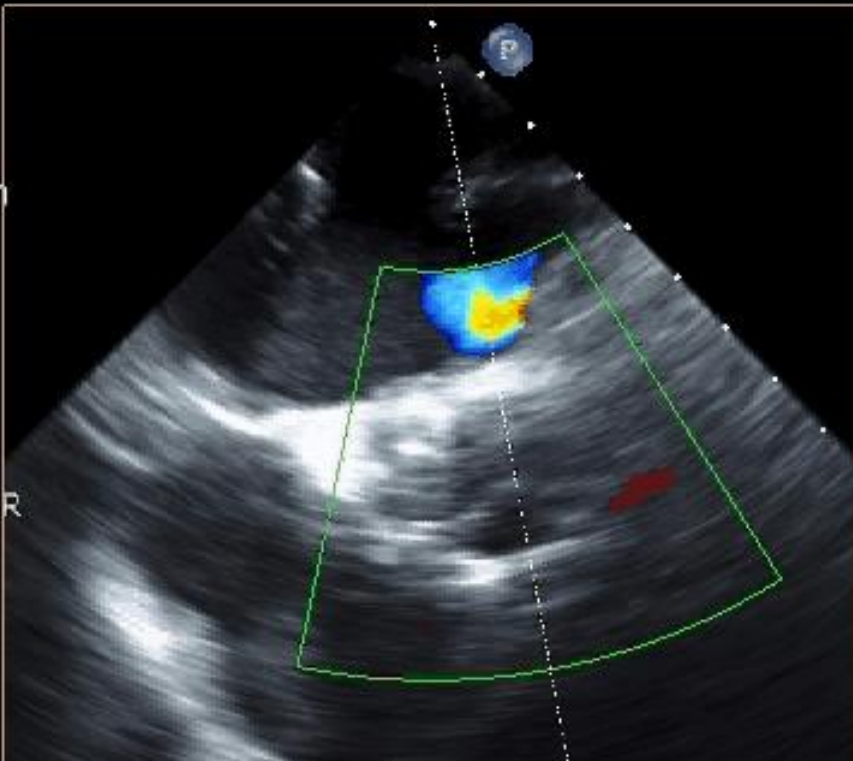
FR 9Hz
13cm

xPlane
71%
71%
50dB
P Off
Gen

CF
59%
4.4MHz
WF High
Med



M4 M4
+56.2



Conclusion

Excellent 30 days and 2-year outcomes of TAVI with TA J-Valve system have been demonstrated in pure AI patients.

J-Valve system is now suitable for transfemoral, transaxillary and transapical approaches.

THANKS!