Why I select Balloon Expandable Valve ?

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Disclosure Statement of Financial Interest

Within the past 12 months, I have had a financial interest/arrangement or affiliation with the organization(s) listed below.

Affiliation/Financial Relationship

- Consulting Fees/Honoraria
- Proctoring-Training activities/Honora ria

Company

- Edwards Lifesciences
- Edwards Lifesciences





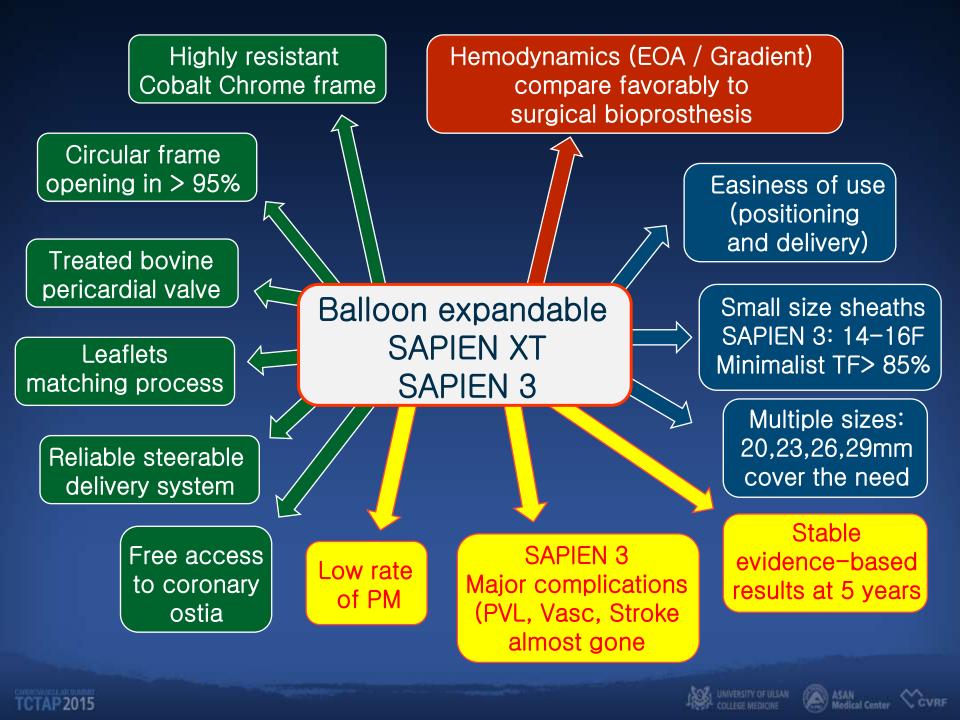
What is an ideal transcatheter valve?

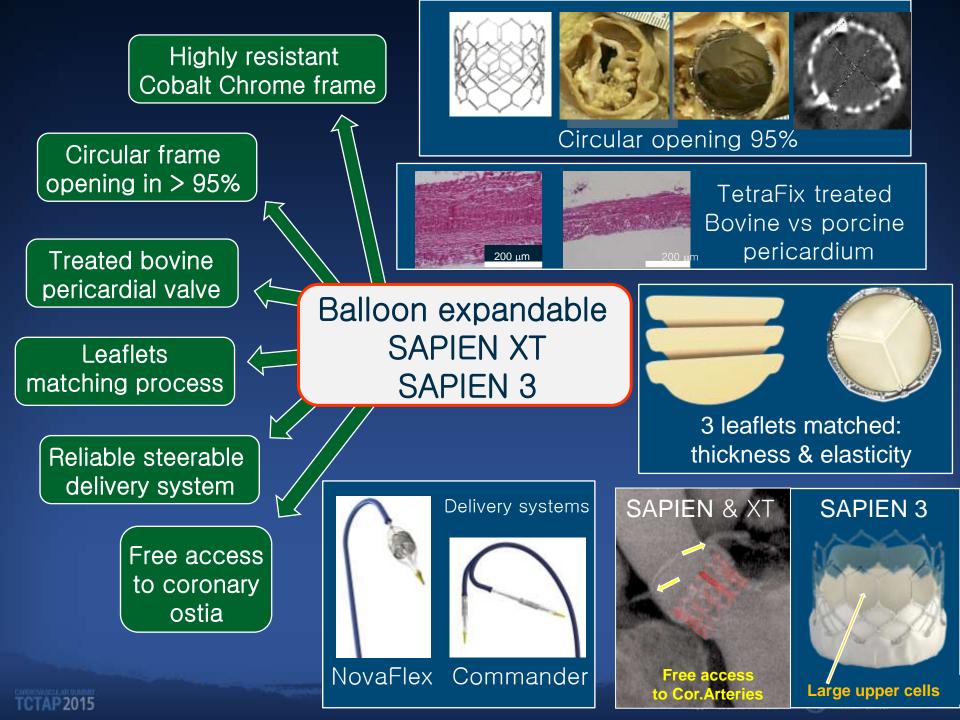
- Hemodynamics and durability comparable to surgical bioprosthesis
- Frame with high radial force for circular opening
- Respect of surrounding anatomical structures
- Safe and predictable implantation
- Adapted to a majority of patients (access, sizes)



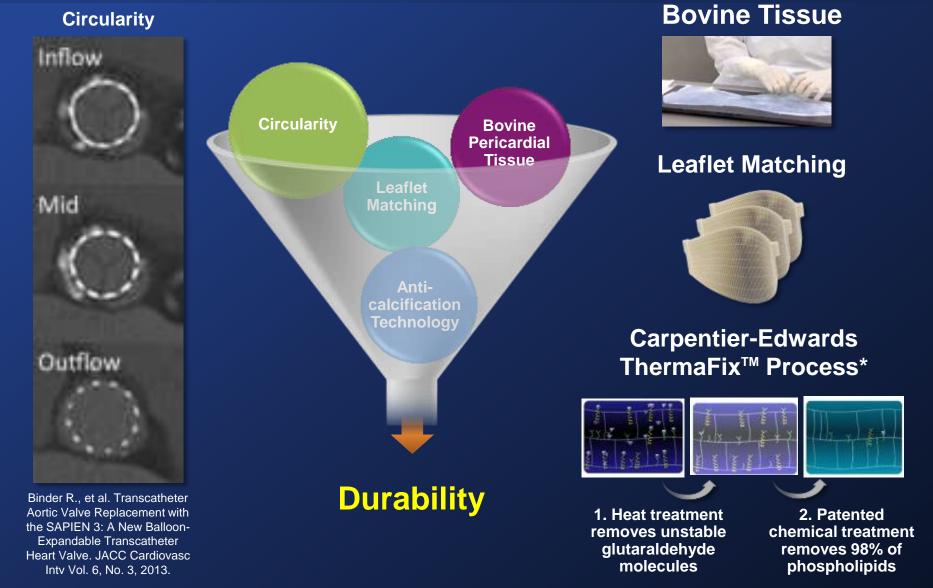




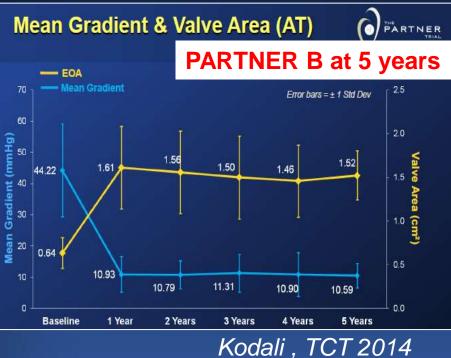




Physical properties: critical elements for durability



Ballon-expandable valve proven durability



83 y/o patient 9 years post-TAVR Normal valve function Normal life

Rouen, 2012: 10th year FIM celebration

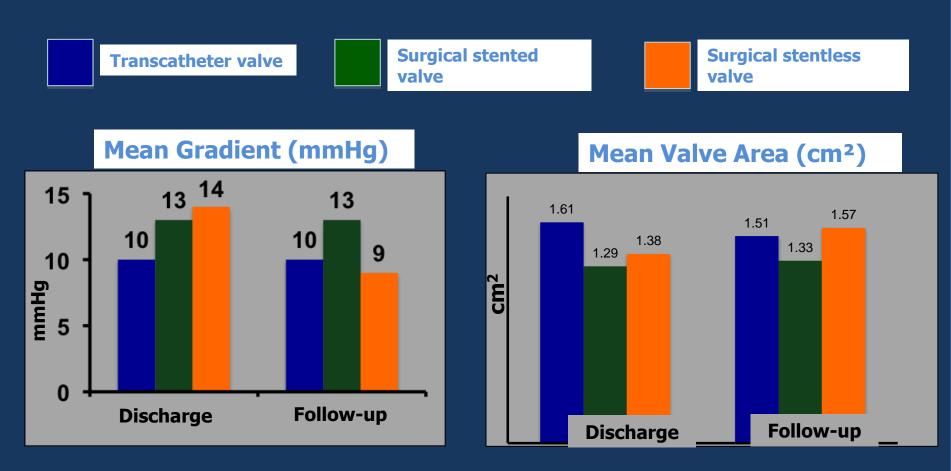


Hemodynamics (EOA / Gradient) compare favorably to surgical bioprosthesis

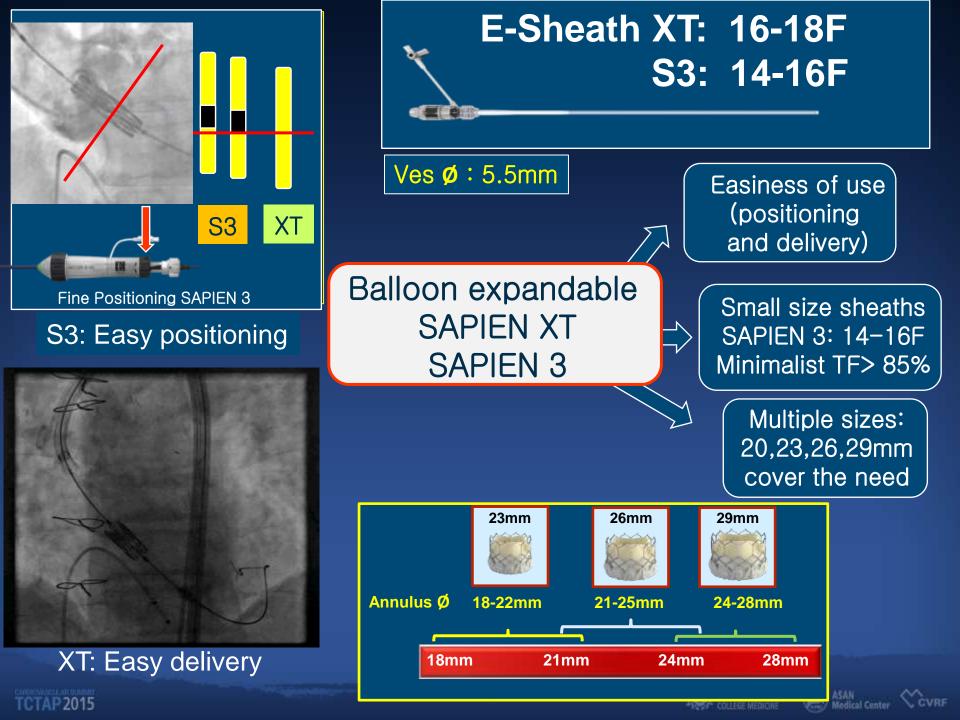
k	rpentier Edwards pioprosthesis unted in a stent			
	Physical properti	es	Carpentier-Edwards PERIMOUNT Magna Surgical Valve	Edwards SAPIEN XT [™] Transcatheter Heart Valve
1.	Bovine Pericardial Tissu	le	\checkmark	\checkmark
2.	 Proprietary Leaflet Shape ThermaFix[™] Anti-Calcification 		√	√
3.			√	
4.	Non-interfering Frame	Height	\checkmark	
5.	Circular Shape post-im	plant	\checkmark	\checkmark

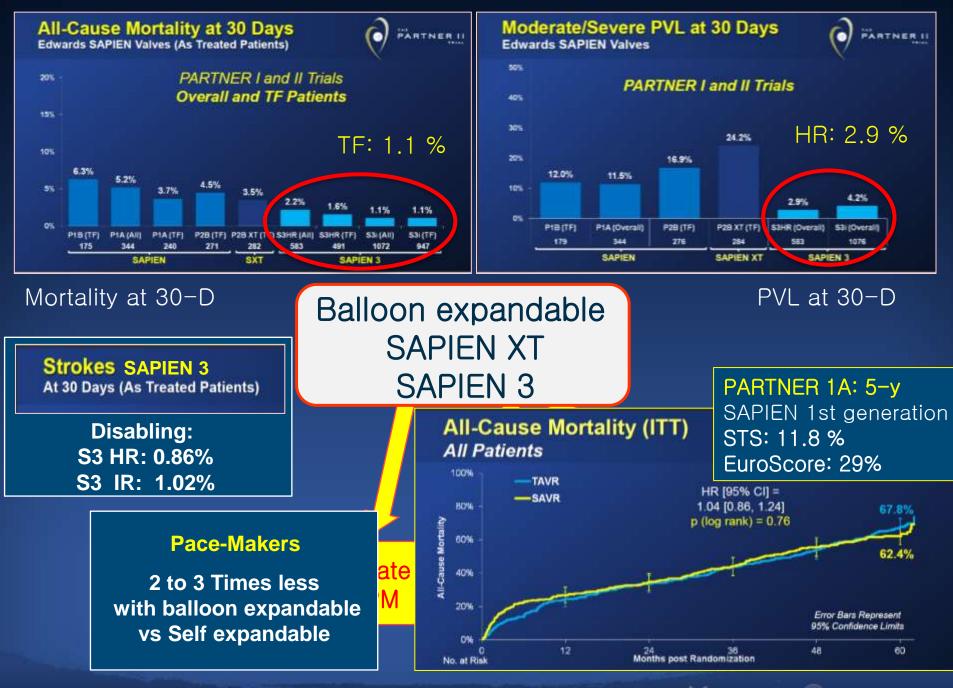


ASAN Medical Center Hemodynamics (EOA / Gradient) compare favorably to surgical bioprosthesis



Clavel et al. J Am Coll Cardiol 2009; 53:1883-91

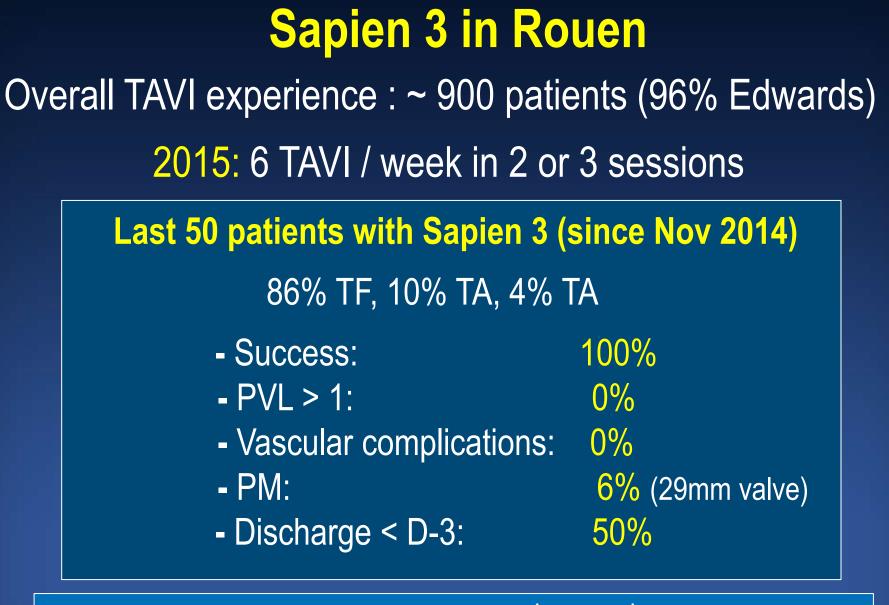




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ASAN Medical Center CVRF



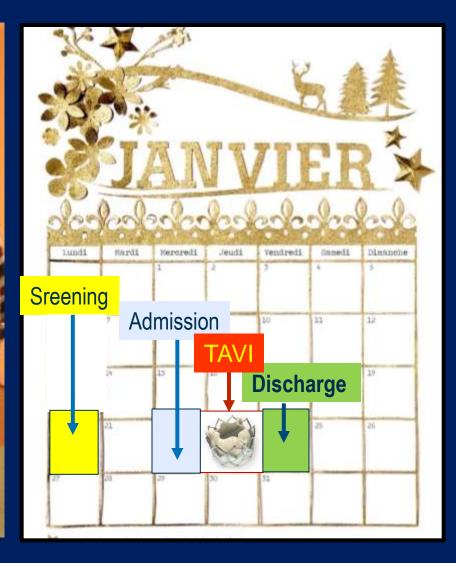
CoreValve reserved to large size (> 28mm) annulus and small sizes bioprothesis (now performed with the 20mm SAPIEN 3)



ASAN Modical Center

Rouen: The "minimalist strategy" XT – S3 > 50% patients back home at < 3 Days

Local anesthesia No scar Back home at D-1 Back to work at Day-3



Any good reason to use another valve?





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