

TAVR in small aortic annuli: comparison of self-expanding and balloon-expandable valves

It's a small world after all

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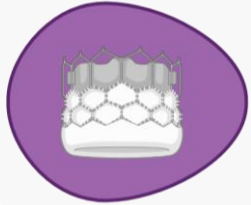
I, [Kimberley Hemelrijk](#) DO NOT have any financial relationships to disclose.

Why this study?

**Balloon-
expandable**



**Self-
expandable**



Balloon- versus self-expandable valves in
small annuli
real-world cohort

Aims

This study aims to compare clinical outcomes of patients with small annuli undergoing TAVR with either a self-expandable valve (SEV) or balloon-expandable valve (BEV)

How was the study executed?



Clinical outcomes at 30-days

Matched cohort

Surgical bailout



Surgical bailout

$p=0.020$

Balloon-expandable: 0.7%

Self-expandable: 0.4%

0.20%

0.15% $p=0.05$

0.10%

0.05%

0%

$p=0.03$

■ Balloon-expandable valve ■ Self-expandable valve

