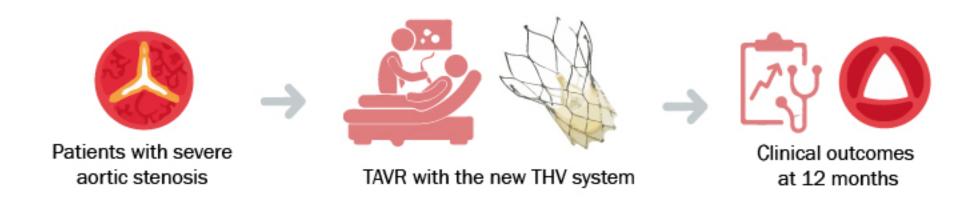
PORTICO-I: Self-Expanding, Repositionable Transcatheter Heart Valve in Severe Aortic Stenosis



Prospective, single-arm, non-randomized, multicenter

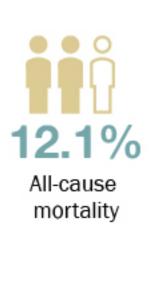
Objective: To report 1-year outcomes of transcatheter aortic valve replacement (TAVR) with new self-expanding, repositionable transcatheter heart valve (THV) system.



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Patients with severe, symptomatic aortic stenosis and high surgical risk (82.4 ± 5.9 years, 65.7% female, STS score: 5.8%) were enrolled and underwent TAVR with THV system.

Outcomes at 12 months





6.6%
Cardiovascular mortality



2.2% Disabling stroke



2.5%

Myocardial infarction



Mean aortic transvalvular gradient (mmHg)



Paravalvular leakage (PVL)

TAVR with the new THV in patients at increased surgical risk is associated with low 1-year mortality and stroke rates. Favorable hemodynamic results were observed with low transvalvular pressure gradient and incidence of significant PVL.