

# Transcatheter aortic valve implantation efficiency programs: Optimised TAVI pathways

Due to the growing prevalence of AS and the subsequent growing use of TAVI, a need for optimised TAVI programmes has emerged to address larger patient cohorts. A central piece of such programs is an established multidisciplinary Heart Team. The Heart Team uses their expertise to guide appropriate patient selection, optimise patient pre-procedure status, facilitate early discharge planning, ensure peri-procedural success, and provide continuity of care from referral to follow-up.<sup>1</sup>

Due to the cost associated with the valve, TAVI has been found to have higher procedural costs compared with SAVR. However, this is offset by a decrease in healthcare resource utilisation.<sup>2</sup> The lower overall costs of TAVI in comparison to SAVR shows TAVI likely to be more cost effective compared with SAVR from a health economic perspective.<sup>2</sup>

A TAVI efficiency programme focuses on avoiding unnecessary treatment steps and minimising human resource needs during the entire hospitalisation.<sup>3</sup> Due to the many moving parts of such a programme, stakeholders are encouraged to collaboratively devise a plan for evaluating the success and sustainability of TAVI efficiency programmes.<sup>4</sup> The Edwards Benchmark program consolidates clinical best practices into an educational transformation pathway for hospitals and adopts the minimalist TAVI pathway to improve patient outcomes and access to TAVI procedures.<sup>5</sup>

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## References

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