

Abstract session: The value of long-term results

Abstract session

Moderated by J Alcocer, Barcelona | Saturday 10th October | 16:15–17:45 | Room 211

This session focuses on the importance of long-term results as guidance in the choice of optimal treatment for patients. Data include long-term outcomes following aortic and mitral valve surgery from individual studies and national registries, and the impact of resident-performed surgery on early and long-term outcomes.

Presentations

16:15	Long-term fate of moderate aortic regurgitation left untreated at the time of mitral valve surgery B Del Forno <i>et al.</i>
16:24	Long-term results of low-intensity anticoagulant therapy for the patients after aortic valve replacement with mechanical prosthetic valve S Sawa <i>et al.</i>
16:33	Long-term survival after surgical aortic valve replacement in patients with end-stage renal disease requiring dialysis: A national population-based study from the SWEDEHEART registry S Perrotta <i>et al.</i>
16:42	Impact of resident training on early and long-term outcomes after isolated aortic valve surgery A Dimagli <i>et al.</i>
16:51	Fate at long-term of mild-to-moderate bicuspid aortic valve disease left untreated at the time of supracoronary ascending aorta replacement A Verzini <i>et al.</i>
17:00	Long-term assessment of structural valve deterioration of Perceval S sutureless prosthesis using the last European consensus definition J Martínez-Comendador <i>et al.</i>
17:09	Long-term clinical outcome of On-X mechanical prosthetic valve in aortic and mitral position: A single-center experience with 20-years' follow-up results J Kim <i>et al.</i>
17:18	Aortic valve surgery in the UK, trends in activity and outcomes from a 15-year complete national series M Baghai <i>et al.</i>
17:27	Long-term outcome after aortic valve-sparing root surgery in patients with connective tissue disorder J Petersen <i>et al.</i>

Key takeaways

- International guidelines provide different recommendations on the treatment of moderate aortic regurgitation during mitral valve surgery
- This single-centre study found comparable overall survival and rate of cardiac death at long-term follow-up in patients undergoing mitral valve surgery with or without treatment for moderate aortic regurgitation
- The expected reoperation rate was 20% at 12-years, indicating a need to balance reoperation rate and age of patient in treatment decisions

- The choice of optimal aortic valve prosthesis for patients on dialysis is unclear
- This registry-based study showed similar short- and long-term survival rates in dialysis patients receiving a biological or mechanical aortic prosthesis; patients receiving a bioprosthesis did not show a higher incidence of reoperation for prosthesis dysfunction
- Therefore, end-stage renal failure should not be the main criteria for aortic valve selection

- Aortic valve surgery performed by a consultant and by a supervised resident resulted in similar early and long-term outcomes
- Aortic valve surgery performed by a resident under consultant supervision was not associated with increased morbidity or mortality, indicating no negative impact of resident training on patient outcomes

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