

## **Survival after Combined AVR CABG and AVR in 23 Years Experience**

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Background: As population is aging more Aortic valve and coronary bypass surgery is needed. We present our 23 years experience results of survival following combined CABG and aortic valve replacement and isolated aortic valve replacement.

Objective: The objective of our study is to evaluate retrospectively the overall survival of performing combined CABG and AVR compared to isolated AVR.

Materials and Methods: We reviewed the medical records between the years 1984 and 2006 of patients undergoing isolated AVR compared to combined CABG and AVR. Statistical analyses were performed by SPSS software using Kaplan-Meier and survival curves.

Results: This study included 1381 patients. 824 performed isolated aortic valve replacement and 550 performed combined CABG and aortic valve replacement. The overall survival of those performed isolated AVR was 14.3 years compared to 9.1 years for those performed combined CABG and AVR.

Conclusion: This study shows that survival following isolated AVR is higher than combined CABG and AVR.