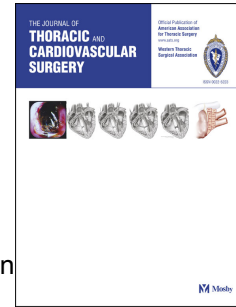


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Mid-term Outcomes After Aortic Valve Neo-Cuspidization With Glutaraldehyde-Treated Autologous Pericardium

Shigeyuki Ozaki, MD, PhD, Isamu Kawase, MD, PhD, Hiromasa Yamashita, MD, Shin Uchida, MD, Mikio Takatoh, MD, Nagaki Kiyohara, MD



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6

7 **Objective:** We had previously reported the short-term results of the aortic
8 valve neo-cuspidization (AVNeo) procedure. We have now evaluated the
9 mid-term results with the longest follow-up of 118 months.

10 **Methods:** From April 2007 through December 2015, 850 patients were treated
11 with AVNeo using autologous pericardium. Medical records of these patients
12 were retrospectively reviewed. The procedure was based on the independent
13 tricuspid replacement utilizing autologous pericardium. The distances between
14 the commissures were measured with an original sizing device, the pericardial
15 cusp was trimmed using an original template, and then sutured to annulus.

16 **Results:** There were 534 patients with aortic stenosis (AS), 254 with aortic

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