Avoiding early partial valve thrombosis of the Pericarbon Freedom stentless valve

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Pericardial stentless valve prostheses have shown excellent results in aortic valve replacement. However, due to flexibility of the prosthetic material, immobilization and subsequent partial valve thrombosis may occur in case of non-symmetric sinuses of Valsalva. This report details an implantation technique designed to prevent stress on the non-coronary cusp of pericardial stentless prostheses, thereby avoiding this problem.

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