

Aortic homograft for aortic valve replacement in patient with Alpha-Gal allergy

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February 10, 2021

Abstract

Allergy to Galactose-Alpha-1,3-Galactose is an allergy to mammalian proteins, that are present on the surface of standard bioprosthetic valves, and could result in catastrophic allergic reaction or may cause early deterioration of the bioprostheses. Aortic homograft is an acceptable alternative to standard prosthetic valves (biological and mechanical) to avoid a potential allergic manifestation and the need of definitive oral anticoagulation. We report the implantation of an aortic homograft in a patient with an aortic stenosis who present a documented Alpha-Gal allergy.

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