

Recurrence of patch endocarditis after Konno procedure

Clinical Case Portal

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Introduction

A 25-year-old male patient has undergone during his life several cardiac procedures for congenital aortic stenosis and right ventricular outflow tract obstruction: aortic commissurotomy shortly after birth, percutaneous aortic valvuloplasty at the age of 8 years, Konno procedure (anterior annular widening) with an implantation of mechanical prosthetic valve and right ventricular outflow tract reconstruction.

In 2010 for bacterial endocarditis (*S. Epidermidis*) of aortic patch he underwent surgical removal of infected patch and implantation of a new heterologous pericardial patch.

Case Report

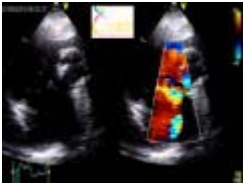
He was admitted to our Department for fever lasting a week, in therapy with amoxicillina.

The transthoracic exam showed a wide leak of patch inserted in the intraventricular septum, leading a left-to right shunt at color Doppler.

The transesophageal exam identified at least three oscillating vegetations (maximum length 8 mm) at the edge of the patch.

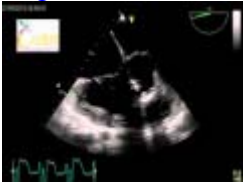
Video 1 :

[Patch endocarditis after Konno procedure](#)



Video 2 :

[Vegetations at the edge of the patch.](#)



Video 3 :

[Zoom of the vegetations](#)

