Giant ascending aorta streptococcal endaortitis

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A 16-year old patient was admitted for streptococcal aortic valve endocarditis. Transthoracic echocardiogram showed an aortic valve destruction associated with huge vegetations in the ascending aorta. Aortic vegetectomy was performed (Fig. 1; Supplementary Video S1). A stentless bioprosthesis was implanted and a direct end-to-end aortic closure was realized. After 2 years, clinical course was uneventful.

Supplementary material (Video 1) is available at EJCTS online.

Figure 1: Intra-operative view of the endocarditis.