

Images in cardio-thoracic surgery

## The ability of salmonella to drill holes in the aorta

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Received 22 January 2002; received in revised form 27 March 2002; accepted 28 March 2002

**Keywords:** Salmonella; Aortic arch; Vascular homograft

A 56-year-old male with fever and enlarged mediastinum underwent examinations for lymphoma. He had back pain and hypotension. Computed tomography showed a false aneurysm of the aortic arch (Fig. 1a). Pathological aorta was excised. Reconstruction of the large hole on the aortic

arch (Fig. 1b) with oval patch tailored from cryopreserved thoracic aorta was performed under hypothermic circulatory arrest. Blood and aortic cultures grew *Salmonella*. The patient had uneventful recovery. One year later is free from infection.

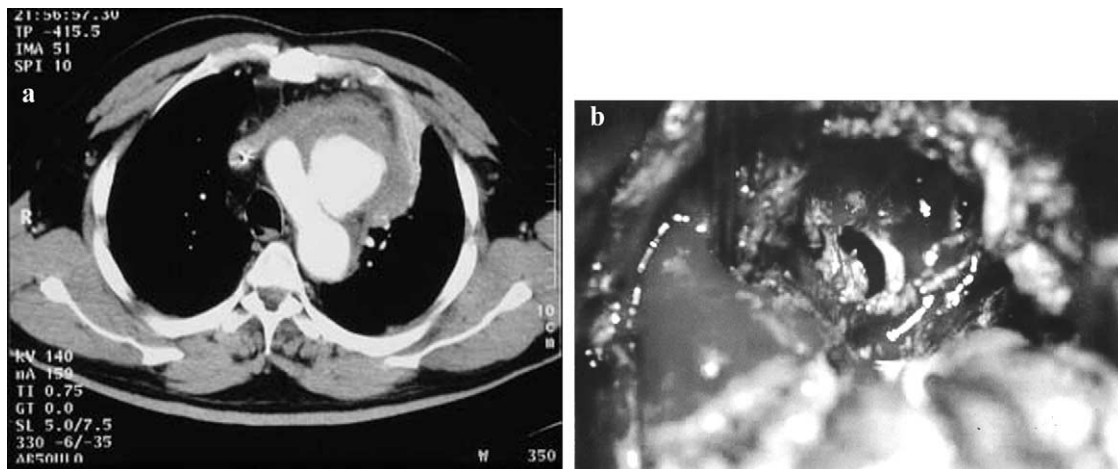


Fig. 1. (a) Preoperative CAT scan showing the large aneurysm of the aortic arch. (b) Intraoperative view of the large arch defect.

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