A 51-year-old man presented with dyspnoea. He had a medical history of syphilis. During magnetic resonance tomography (MRT), a giant aneurysm of the descending aorta was found (Fig. 1).

The patient underwent successful prosthetic repair of descending aorta (Fig. 2A). Pathological examination of the resected aortic tissue specimens showed syphilitic aortitis (Fig. 2B).