Images in cardio-thoracic surgery

Imaging of the mechanical heart valve pannus formation with multidetector computerised tomography

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A 56-year-old woman with a history of mechanical mitral valve replacement 9 years earlier, presented with signs of severe valve obstruction assessed by echocardiography (Fig. 1(A) and (B), video 1). Multidetector computerised tomography clearly depicted pannus overgrowth as the cause of obstruction (Figs. 1(C), (D) and 2(A), (B)). She underwent re-replacement and the pannus was confirmed surgically (Fig. 2(C) and (D)).

Appendix A. Supplementary data

Supplementary data associated with this article can be found, in the online version, at doi:10.1016/j.ejcts.2010.01.013.