Pulmonary venous aneurysm mimicking a right infrahilar tumour

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A 45-year-old male, diagnosed with ischaemic heart disease, dilated cardiomyopathy, severe mitral valve regurgitation and pulmonary hypertension, presented with progressive shortness of breath. Chest radiographs showed a right infrahilar mass (Fig. 1). Computed tomography confirmed the mass to be a pulmonary venous aneurysm (Fig. 2). Because of the significant comorbidities, he was treated conservatively.

Figure 1: Posteroanterior (A) and lateral (B) chest radiographs showed a right infrahilar mass measuring around 4.9 cm in diameter (arrow).

Figure 2: Chest computed tomography in coronal view (A) and axial view (B) showed the right infrahilar mass to be a pulmonary venous aneurysm from the right inferior pulmonary vein (asterisk). Oblique sagittal view (C) demonstrated another pulmonary venous aneurysm from the left inferior pulmonary vein (asterisk). Note the normal appearance of the right superior pulmonary vein (arrow).