An unusual ectopic calcification in the left atrium

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A 60-year-old male presented with renal failure and right coronary myocardial infarction. Transesophageal echocardiography showed many tumors (Fig. 1). Endoscopy showed multiple ectopic calcifications in a line on the mitral annulus (Fig. 2). Ectopic calcifications were removed and mitral valve annuoplasty was performed. Histopathologic examination confirmed these were dense calcifications.

Figure 1: (A) Coronary angiography showed an occlusion of the right coronary artery. (B) Transesophageal echocardiography shows many high echoic masses on the mitral annulus which moved in relation to the heart beat. (L.A.: left atrium; L.V.: left ventricle).

Figure 2: Endoscopy shows various ectopic calcifications in a line on the mitral annulus. (M.V.A.L.: mitral valve anterior leaflet).