A 79-year old man was admitted for heart failure. Calcification of the pericardium was discovered on X-ray (Fig. 1). Cardiac computed tomography revealed a unique atrioventricular calcification ring along the atrioventricular groove (Fig. 2). Angiography also demonstrated a special calcification ring (Supplementary Video 1). Constrictive pericarditis was diagnosed. Pericardiectomy was successfully completed. Supplementary material (Video 1) is available at EJCTS online.

Video 1: Angiography demonstrated special calcification ring on the heart.

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