



Supplementary Figure 1 Method for localizing mitral annular calcium (MAC)

deposits a. The annular segments: A1, A2, A3, segments of the anterior mitral annulus; P1, P2, P3, segments of the posterior mitral annulus, from lateral to medial.

b. A schematic template of the mitral annulus was created from non-contrast cardiac-gated CT scans, with the annulus divided into 6 segments. A line was drawn through the aortic valve and P2 segment of the mitral annulus. These lines allowed proper positioning of the template. **c.** CT with four-chamber view. **d.** Calcification

location was assigned using the template and the Agatston's method.