

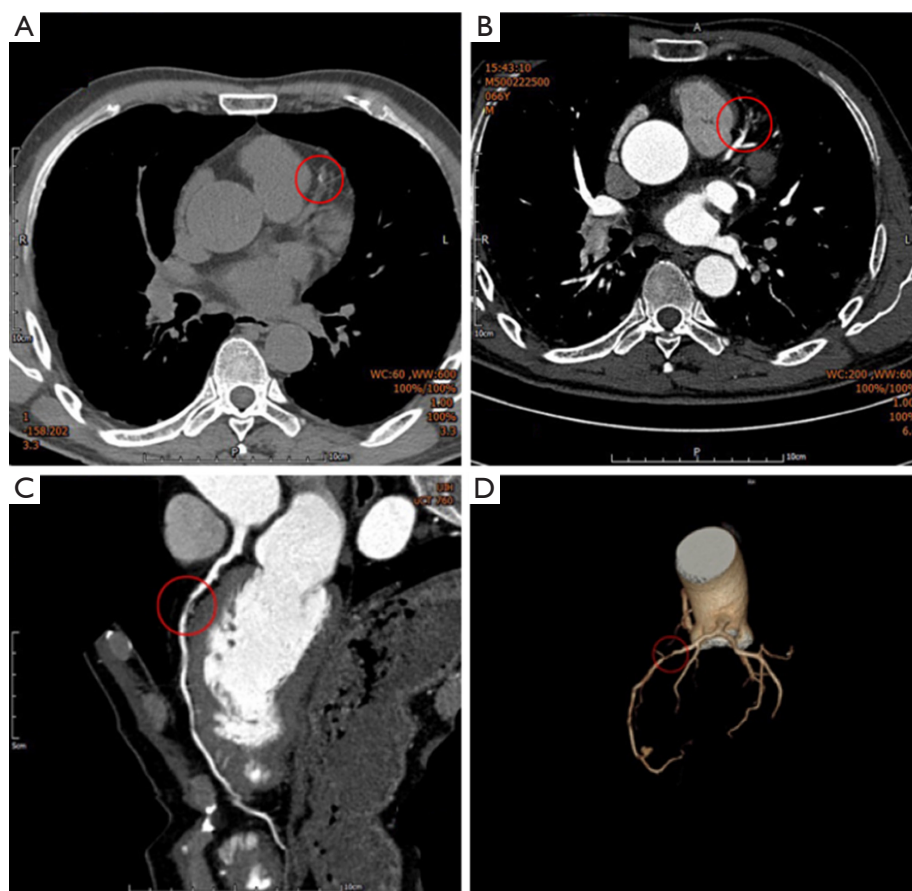


Figure S1 Coronary angiography images of the study subjects to determine the location of the target lesion Example 1. (A) Noncontrast chest computed tomography (CT) scan (1 mm thickness) showing calcifications in the left anterior descending coronary artery (circled in red). (B) Coronary computed tomography angiography (CCTA, layer thickness 0.625 mm) showing moderate stenosis of the left anterior descending coronary artery (>50%) (circled in red). (C) CCTA (CPR image) showing moderate stenosis of the left anterior descending coronary artery (>50%) (circled in red). (D) CCTA (VR image) showing moderate stenosis (circled in red) of the left anterior descending coronary artery.

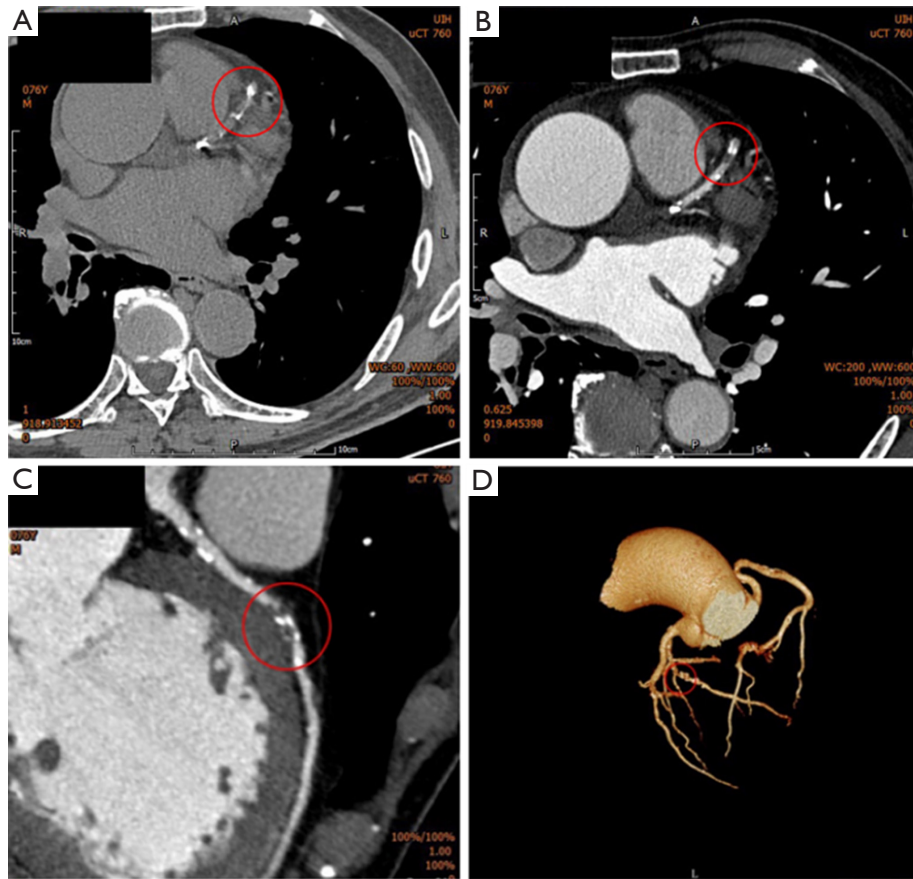


Figure S2 Coronary angiography images of the study subjects to determine the location of the target lesion Example 2. (A) Noncontrast chest computed tomography (CT) scan (1 mm thickness) showing calcifications in the left anterior descending coronary artery (circled in red). (B) Coronary computed tomography angiography (CCTA, layer thickness 0.625 mm) showing severe stenosis of the left anterior descending coronary artery (>95%) (circled in red). (C) CCTA (CPR image) showing severe stenosis of the left anterior descending coronary artery (>95%) (circled in red). (D) CCTA (VR image) showing severe stenosis (circled in red) of the left anterior descending coronary artery.

Table S1 Correlation analysis between CCTA findings and (CACS) scores

CACS group	No stenosis	Mild stenosis	Moderate stenosis	Severe stenosis	Non-calcified plaque
0	22 (100%)	0	0	0	0
1–100	8 (25%)	18 (56%)	6 (19%)	0	12 (38%)
101–399	0	10 (33%)	15 (50%)	5 (17%)	18 (60%)
≥400	0	3 (10%)	9 (30%)	18 (60%)	22 (73%)

CACS, coronary artery calcium score; CCTA, coronary computed tomography angiography.

Table S2 Association analyses between CACS and population characteristics in subgroups

Characteristic	CACS group				P value
	0	1–100	101–399	≥400	
Current smokers (%)	2 (9%)	8 (25%)	12 (40%)	9 (56%)	0.023
Diabetes duration (years)	2.1±1.8	4.5±2.3	6.7±3.1	8.9±4.5	0.008
LDL (mmol/L)	2.8±0.6	3.1±0.7	3.5±0.9	3.9±1.1	0.015

Percentages represent the proportion of patients within each CACS group for the listed characteristics. Data are presented as mean ± standard deviation for continuous variables with normal distribution, median (interquartile range) for non-normal distribution, and n (%) for categorical variables.