

Table 2. Patient baseline cardiovascular characteristics.

Case ID	Chief Complaints	Comorbidities	Pre-op EKG	Echocardiography	LVEF (%)	CAG	NSQIP-MICA (%)
C1	Unstable angina	T2DM	Depressed				
			ST			Triple	
			Flat or	Abnormal multi-	64	vessels	3.73
			inversed T wave	segment activity		stenosis ¹	
C2	Acute heart failure	HN, Historic	Depressed	Abnormal multi-		Left main	
		MI	ST	segment activity	65	equivalent	16.97
						stenosis ²	
C3	Unstable angina	HN	V3-V5 ST	Decreased anterior		Left main	
			depressed	wall activity	60	stenosis	5.03
C4	Unstable angina	HN	Flat or			Two	
			inversed T	Abnormal multi-	50	vessels	3.07
			wave	segment activity		stenosis ³	
C5	Unstable angina	None	Depressed	Overall activity	45	Triple	3.13
			ST	weakened		vessels	

¹90% stenosis of LAD, 75% stenosis of D1, 75% stenosis of D2, 80% stenosis of RCA.

²99% stenosis of LAD, 99% stenosis of LCX.

³90% stenosis of LAD, 75% stenosis of PDA.

⁴99% stenosis of LAD and the diagonal artery, 80% stenosis of the ramus artery and LCX, 99% stenosis of RPL, 90% stenosis of RCA.

Abbreviations: Pre-op EKG, preoperative electrocardiogram; LVEF, left ventricular ejection function; CAG, coronary angiography; NSQIP-MICA, American College of Surgeons National Surgical Quality Improvement Program, myocardial infarction or cardiac arrest; T2DM, type 2 diabetes mellitus; HN, hypertension; MI, myocardial infarction; LAD, left anterior descending; D1, first diagonal; D2, second diagonal; RCA, right coronary artery; LCX, left circumflex; PDA, posterior descending artery; RPL, right posterolateral.