

1 **eTable 1. Baseline Demographic, Clinical, and Procedural Characteristics by Diabetic Status**

Variables	All (N=804)	Diabetes (n=248)	No Diabetes (n=556)	P value
Demographics				
Age, mean±SD, years	57.5±10.2	59.1±9.7	56.7±10.4	0.003
Male	664 (82.6)	188 (75.8)	476 (85.6)	0.001
Height, mean±SD, cm	168.5±7.4	167.7±7.6	168.8±7.3	0.08
Weight, mean±SD, kg	76.0±12.2	75.5±11.1	76.2±12.7	0.49
BMI, mean±SD, kg/m ²	26.7±3.6	26.8±3.1	26.7±3.7	0.80
Waist-to-hip ratio, median (IQR)	0.98 (0.96-1.02)	0.99 (0.95-1.02)	0.98 (0.95-1.02)	0.34
Neck circumference, median (IQR), cm	40 (38-42)	40 (38-42)	40 (37-41)	0.60
Systolic BP, median (IQR), mmHg	125 (115-138)	128 (116-140)	125 (115-138)	0.16
Diastolic BP, median (IQR), mmHg	74 (70-84)	73 (67-83)	74 (70-85)	0.13
Medical history				
Hypertension	530 (65.9)	187 (75.4)	343 (61.7)	<0.001
Hyperlipidemia	210 (26.1)	84 (33.9)	126 (22.7)	0.001
Family history of premature CAD	59 (7.3)	15 (6.0)	44 (7.9)	0.35
Prior stroke	76 (9.5)	37 (14.9)	39 (7.0)	<0.001
Prior myocardial infarction	118 (14.7)	42 (16.9)	76 (13.7)	0.23
Prior PCI	141 (17.5)	51 (20.6)	90 (16.2)	0.13

Prior CABG	11 (1.4)	8 (3.2)	3 (0.5)	0.005
Smoking				0.03
No	288 (35.8)	105 (42.3)	183 (32.9)	
Current	406 (50.5)	110 (44.4)	296 (53.2)	
Previous	110 (13.7)	33 (13.3)	77 (13.8)	
Baseline lab tests				
Glucose, median (IQR), mmol/L	5.9 (5.3-7.3)	8.0 (6.3-10.5)	5.6 (5.1-6.2)	<0.001
Hemoglobin A1c, median (IQR), %	6.0 (5.6-6.9)	7.5 (6.6-8.9)	5.8 (5.5-6.1)	<0.001
Hs-CRP, median (IQR), mg/L	2.3 (0.8-8.6)	2.0 (0.8-6.5)	2.5 (0.8-9.7)	0.37
Echocardiographic findings				
LVEF, median (IQR), %	60 (55-65)	60 (55-66)	60 (55-65)	0.27
LVEDD, median (IQR), mm	49 (46-52)	48 (45-51)	49 (46-52)	0.02
Diagnosis				0.02
Unstable angina	347 (43.2)	125 (50.4)	222 (39.9)	
NSTEMI	203 (25.2)	59 (23.8)	144 (25.9)	
STEMI	254 (31.6)	64 (25.8)	190 (34.2)	
Procedures				
Coronary angiography	786 (97.8)	242 (97.6)	544 (97.8)	0.82
Multivessel disease	61.2 (481/786)	157/242 (64.9)	324/544 (59.6)	0.16

PCI	490 (60.9)	140 (56.5)	351 (63.1)	0.07
Stenting	432 (53.7)	118 (47.6)	314 (56.5)	0.02
Stents implanted, median (IQR), n	1.0 (1.0-2.0)	1.0 (1.0-2.0)	1.0 (1.0-2.0)	>0.99
CABG	80 (10.0)	31 (12.5)	49 (8.8)	0.11
Sleep study				
OSA (AHI≥15)	403 (50.1)	121 (48.8)	282 (50.7)	0.61
AHI, median (IQR), events·h ⁻¹	15.0 (7.4-31.2)	14.4 (6.7-31.4)	15.2 (7.7-31.2)	0.52
ODI, median (IQR), events·h ⁻¹	14.4 (7.4-29.5)	12.9 (6.2-28.5)	15.4 (8.0-29.7)	0.20
Minimum SaO ₂ , median (IQR), %	85 (79-88)	85 (79-88)	85 (80-88)	0.96
Mean SaO ₂ , median (IQR), %	94 (93-95)	94 (93-95)	94 (93-95)	0.81
Time with SaO ₂ <90%, median (IQR), minute	5.5 (0.5-31.9)	5.9 (0.5-35.5)	5.5 (0.6-30.3)	0.95
Epworth Sleepiness Scale, mean±SD	8.3±5.0	8.2±5.0	8.3±5.1	0.88
Medications on discharge				
Aspirin	754 (93.8)	228 (91.9)	526 (94.6)	0.15
Thienopyridine	720 (89.6)	218 (87.9)	502 (90.3)	0.31
β-Blockers	611 (76.0)	188 (75.8)	423 (76.1)	0.93
ACEIs/ARBs	564 (70.1)	179 (72.2)	385 (69.2)	0.40
Statins	762 (94.8)	230 (92.7)	532 (95.7)	0.08

- 1 Data are presented as mean±SD, median (IQR), n (%), or n/N (%). ACEI indicates angiotensin-converting enzymes inhibitor; AHI, apnea-hypopnea index;
- 2 ARB, angiotensin receptor blocker; BMI, body mass index; BP, blood pressure; CABG, coronary artery bypass grafting; CAD, coronary artery disease; Hs-
- 3 CRP, high-sensitivity C-reactive protein; IQR, interquartile range; LVEDD, left ventricular end-diastolic dimension; LVEF, left ventricular ejection fraction;
- 4 NSTEMI, non-ST-segment elevation myocardial infarction; ODI, oxygen desaturation index; OSA, obstructive sleep apnea; PCI, percutaneous coronary
- 5 intervention; SaO₂, arterial oxygen saturation; SD, standard deviation; STEMI, ST-segment-elevation myocardial infarction.

1 **eTable 2. Results of Sleep Study in OSA Versus Non-OSA Groups According to Diabetes Status**

Variables	All (N=804)	Diabetes (n=248)		P value	No Diabetes (n=556)		P value
		OSA (n=121)	Non-OSA (n=127)		OSA (n=282)	Non-OSA (n=274)	
AHI, median (IQR), events·h ⁻¹	15.0 (7.4-31.2)	31.9 (22.3-45.8)	6.9 (3.6-9.8)	<0.001	30.2 (21.7-42.8)	7.6 (3.9-10.8)	<0.001
ODI, median (IQR), events·h ⁻¹	14.4 (7.4-29.5)	30.4 (20.5-46.7)	6.8 (4.0-10.3)	<0.001	29.4 (21.6-41.9)	8.0 (4.2-11.5)	<0.001
Minimum SaO ₂ , median (IQR), %	85 (79-88)	80 (73-85)	88 (85-89)	<0.001	82 (76-86)	87 (84-90)	<0.001
Mean SaO ₂ , median (IQR), %	94 (93-95)	93 (92-94)	95 (94-96)	<0.001	93 (92-94)	95 (94-96)	<0.001
Time with SaO ₂ <90%, median (IQR), minute	5.5 (0.5-31.9)	28.4 (8.8-66.1)	1.0 (0.0-5.7)	<0.001	23.9 (5.2-63.2)	1.2 (0.0-6.7)	<0.001
Epworth Sleepiness Scale, mean±SD	8.3±5.0	8.8±5.1	7.7±4.8	0.27	8.9±4.9	7.7±5.2	0.044

2 Data are presented as mean±SD or median (IQR). AHI indicates apnea-hypopnea index; IQR, interquartile range; ODI, oxygen desaturation index; OSA,
3 obstructive sleep apnea; SaO₂, arterial oxygen saturation; SD, standard deviation.

4

5

1 **eTable 3. Crude Number of Events in OSA Versus Non-OSA Groups by Diabetes Status**

Variables	All (N=804)	Diabetes (n=248)		No Diabetes (n=556)	
		OSA (n=121)	Non-OSA (n=127)	OSA (n=282)	Non-OSA (n=274)
MACCE	81 (10.1)	27 (22.3)	9 (7.1)	24 (8.5)	21 (7.7)
Cardiovascular death	11 (1.4)	5 (4.1)	1 (0.8)	0 (0.0)	5 (1.8)
Myocardial infarction	11 (1.4)	3 (2.5)	1 (0.8)	1 (0.4)	6 (2.2)
Stroke	9 (1.1)	4 (3.3)	1 (0.8)	2 (0.7)	2 (0.7)
Ischemic	6 (1.0)	3 (2.5)	1 (0.8)	1 (0.4)	1 (0.4)
Hemorrhagic	3 (0.4)	1 (0.8)	0 (0.0)	1 (0.4)	1 (0.4)
Hospitalization for unstable angina	49 (6.1)	16 (13.2)	6 (4.7)	17 (6.0)	10 (3.6)
Hospitalization for heart failure	6 (0.7)	1 (0.8)	0 (0.0)	2 (0.7)	3 (1.1)
Ischemia-driven revascularization	27 (3.4)	8 (6.6)	5 (3.9)	9 (3.2)	5 (1.8)
All-cause mortality	11 (1.4)	5 (4.1)	1 (0.8)	0 (0.0)	5 (1.8)
All repeat revascularization	48 (6.0)	11 (9.1)	6 (4.7)	17 (6.0)	14 (5.1)
Target vessel revascularization	14 (1.7)	4 (3.3)	3 (2.4)	5 (1.8)	2 (0.7)
Non-target vessel revascularization	40 (5.0)	9 (7.4)	3 (2.4)	14 (5.0)	14 (5.1)
PCI	42 (5.2)	11 (9.1)	6 (4.7)	15 (5.3)	10 (3.6)
CABG	6 (0.7)	0 (0.0)	0 (0.0)	2 (0.7)	4 (1.5)

Composite of all events	100 (12.4)	29 (24.0)	10 (7.9)	32 (11.3)	29 (10.6)
-------------------------	------------	-----------	----------	-----------	-----------

- 1 Data are presented as n (%). MACCE indicates major adverse cardiovascular and cerebrovascular event; CABG, coronary artery bypass grafting; PCI,
- 2 percutaneous coronary intervention; OSA, obstructive sleep apnea.
- 3