

SUPPLEMENTAL MATERIAL

Supplemental Table 1. Patient Baseline Characteristics by Interview Status at 12-Months.

Description	Not Interviewed N=623 (18%)	Interviewed N=2878 (82%)	P-value
Socio-Demographics (%)			
Age: Mean (SD)	46.2±6.6	47.1±6.1	0.0003
Age: Median (IQR)	47 (9)	48 (8)	0.0033
Female	64.21	67.72	0.0904
Race			
Black	19.74	14.84	0.0019
White	73.03	79.46	
Other	7.22	5.70	
Hispanic*	11.08	6.95	0.0005
Marital Status			0.0000
With partner	49.92	59.69	
Without partner	48.96	39.23	
Other	1.12	1.08	
Education Status/attainment			0.0023
Unknown	2.57	1.77	
Less than high school	5.30	5.28	
High school graduate	46.39	39.19	

More than high school	45.75	53.75	
Employment/Working Status			0.0000
Working full-time	43.34	52.71	
Working part-time	10.11	10.67	
Not working	46.55	36.62	
Has health insurance	73.19	81.41	0.0000
Avoid healthcare due to cost	32.74	29.60	0.1215
Location: Spain	14.77	14.73	0.9823

Cardiac Risk Factors (%)

Smoked within last 30 days	66.13	58.13	0.0002
History of Diabetes	40.29	33.63	0.0016
History of hypertension	68.54	62.20	0.0029
History of dyslipidemia	66.77	66.23	0.7933
Family history of CAD	67.26	72.48	0.0088
BMI>30	49.12	47.85	0.5647

Medical History (%)

Prior CAD	24.08	18.14	0.0006
Prior angina/stable CAD	30.98	26.16	0.0141
Prior stroke/TIA	5.78	3.86	0.0093
Prior PAD	3.37	2.02	0.0389
History of Sleep Apnea	5.14	4.48	0.4797
Congestive Heart Failure	7.38	3.30	0.0000
Renal dysfunction	13.32	9.69	0.0070

Non-Cardiac Co-morbidities (%)

History of alcohol abuse	10.11	5.84	0.0001
History of illicit drug use	11.88	6.74	0.0000
Autoimmune Disorders	3.69	2.95	0.3338
Chronic Obstructive Pulmonary Disease	11.08	10.08	0.4561
Depression	38.52	40.24	0.4286
Cancer	3.21	3.41	0.8069

Disease Severity (%)

Initial HR (BPM): Mean (SD)	19.41	20.52	0.0161
Initial HR (BPM): Median (QR)	24.00	25.00	0.0008
Initial SBP (mmHg): Mean (SD)	33.68	30.21	0.1876
Initial SBP (mmHg): Median (QR)	42.50	36.00	0.5324
ST-segment elevation	52.17	51.63	0.8090
Ejection fraction <40%	13.32	9.90	0.0116
GRACE score: Median (QR)	27.00	25.00	0.3255
Peak troponin: Median (QR)	31.81	27.02	0.1433
Presentation within 6 hours of symptom onset	55.54	58.23	0.2166

Hospital Procedures (%)

Diagnostic angiography	92.46	95.07	0.0090
Primary PCI	48.80	48.12	0.7607
Use of coronary revascularization			
CABG	9.95	8.10	

PCI	68.86	72.62	0.1323
None	21.19	19.28	

Abbreviations: BMI= body mass index, CAD= coronary artery disease, TIA= transient ischemic attack, PAD= peripheral artery disease, SBP= systolic blood pressure, AMI= acute myocardial infarction, PCI= percutaneous coronary intervention, CABG= coronary artery bypass grafting

*In Spain, the default race/minority is classified as white, non-Hispanic.

Supplemental Table 2. Independent Effect of Sex on Health Status Scores (Full sequential model).

	Parameter			
	Estimate (PE)	Lower PE	Upper PE	P-value
<hr/> SF-12 PCS score				
Unadjusted	-3.8012	-4.5113	-3.0911	0.0000
Adjusted #1	-3.8019	-4.5119	-3.0919	0.0000
Adjusted #2	-3.2786	-3.9810	-2.5763	0.0000
Adjusted #3	-1.7493	-2.3987	-1.0998	0.0000
Adjusted #4	-1.6436	-2.2824	-1.0048	0.0000
Adjusted #5	-1.7667	-2.3916	-1.1417	0.0000
Adjusted #6	-1.0419	-1.6785	-0.4053	0.0014
Adjusted #7	-0.9600	-1.5973	-0.3228	0.0032
<hr/> SF-12 MCS score				
Unadjusted	-4.3885	-5.0377	-3.7392	0.0000
Adjusted #1	-4.4051	-5.0508	-3.7594	0.0000
Adjusted #2	-4.3153	-4.9611	-3.6696	0.0000
Adjusted #3	-3.7733	-4.4199	-3.1268	0.0000
Adjusted #4	-3.7657	-4.4140	-3.1174	0.0000
Adjusted #5	-3.8288	-4.4777	-3.1798	0.0000
Adjusted #6	-2.4088	-3.0392	-1.7783	0.0000
Adjusted #7	-2.3649	-2.9977	-1.7321	0.0000
<hr/> EQ-5D UI score				

Unadjusted	-7.2853	-8.4407	-6.1299	0.0000
Adjusted #1	-7.3272	-8.4766	-6.1779	0.0000
Adjusted #2	-6.8596	-8.0085	-5.7108	0.0000
Adjusted #3	-4.6551	-5.7524	-3.5577	0.0000
Adjusted #4	-4.5101	-5.6054	-3.4148	0.0000
Adjusted #5	-4.5962	-5.6812	-3.5112	0.0000
Adjusted #6	-2.5737	-3.6453	-1.5021	0.0000
Adjusted #7	-2.4999	-3.5747	-1.4251	0.0000

EQ-5D VAS

Unadjusted	-4.5311	-5.7221	-3.3400	0.0000
Adjusted #1	-4.6082	-5.7939	-3.4225	0.0000
Adjusted #2	-4.4385	-5.6277	-3.2492	0.0000
Adjusted #3	-2.6996	-3.8604	-1.5387	0.0000
Adjusted #4	-2.5760	-3.7299	-1.4221	0.0000
Adjusted #5	-2.7656	-3.9086	-1.6227	0.0000
Adjusted #6	-1.2058	-2.3642	-0.0474	0.0414
Adjusted #7	-1.1426	-2.3057	0.0205	0.0543

SAQ Physical Limitation

Unadjusted	-6.0024	-7.1426	-4.8623	0.0000
Adjusted #1	-6.0579	-7.1911	-4.9246	0.0000
Adjusted #2	-5.3274	-6.4558	-4.1989	0.0000
Adjusted #3	-3.6700	-4.7682	-2.5718	0.0000
Adjusted #4	-3.7518	-4.8475	-2.6561	0.0000

Adjusted #5	-3.9018	-4.9743	-2.8293	0.0000
Adjusted #6	-2.5918	-3.6831	-1.5006	0.0000
Adjusted #7	-2.4438	-3.5390	-1.3485	0.0000

SAQ Angina frequency

Unadjusted	-3.4742	-4.4309	-2.5175	0.0000
Adjusted #1	-3.5184	-4.4724	-2.5644	0.0000
Adjusted #2	-3.0007	-3.9532	-2.0483	0.0000
Adjusted #3	-2.0426	-2.9987	-1.0865	0.0000
Adjusted #4	-2.0961	-3.0530	-1.1392	0.0000
Adjusted #5	-2.1751	-3.1103	-1.2399	0.0000
Adjusted #6	-1.1958	-2.1523	-0.2394	0.0143
Adjusted #7	-1.0309	-1.9899	-0.0720	0.0352

SAQ Treatment

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Unadjusted	-2.3377	-3.0662	-1.6091	0.0000
Adjusted #1	-2.3340	-3.0628	-1.6052	0.0000
Adjusted #2	-2.0022	-2.7301	-1.2744	0.0000
Adjusted #3	-1.5644	-2.3066	-0.8221	0.0000
Adjusted #4	-1.6978	-2.4460	-0.9496	0.0000
Adjusted #5	-1.8334	-2.5744	-1.0924	0.0000
Adjusted #6	-1.3576	-2.1207	-0.5945	0.0005
Adjusted #7	-1.2230	-1.9893	-0.4568	0.0018

SAQ Quality of life

Unadjusted	-6.5675	-7.9016	-5.2334	0.0000
Adjusted #1	-6.6796	-8.0017	-5.3576	0.0000
Adjusted #2	-6.3279	-7.6470	-5.0088	0.0000
Adjusted #3	-4.9086	-6.1874	-3.6299	0.0000
Adjusted #4	-5.0658	-6.3461	-3.7856	0.0000
Adjusted #5	-5.2288	-6.4957	-3.9620	0.0000
Adjusted #6	-3.6724	-4.9569	-2.3879	0.0000
Adjusted #7	-3.5112	-4.8015	-2.2210	0.0000

Abbreviations: PCS= physical component summary score, MCS= mental component summary score, SAQ= Seattle angina questionnaire, UI= utility index score, VAS= visual analog score

The following covariates are sequentially included in the adjusted models:

Unadjusted Model: Sex alone and random effect of intercept among patients

Adjusted Model #1= Unadjusted Model and Time (with random effect among patients)

Adjusted Model #2= Adjusted Model #1 and socio-demographics (age, race, marital status)

Adjusted Model #3= Adjusted Model #2 and socio-economic status (education status, work status, insurance status, site location).

Adjusted Model #4= Adjusted Model #3 and cardiovascular risk factors (current smoking, hypertension, diabetes, dyslipidemia, obesity [BMI³30 kg/m²])

Adjusted Model #5= Adjusted Model #4 and medical History (prior CAD, prior angina, prior Stroke/TIA, prior PAD, history of sleep apnea, congestive heart failure, renal dysfunction).

Adjusted Model #6= Adjusted Model #5 and non-cardiac co-morbidities (COPD/lung disease, illicit drug use, autoimmune, history of alcohol abuse, depression, cancer).

Adjusted Model #7= Adjusted Model #6 and disease Severity (initial HR, initial SBP, STEMI, ejection fraction <40%, GRACE score, peak troponin, presentation within 6 hours)