

Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Mark DB, Pan W, Clapp-Channing NE, et al. Quality of life after late invasive therapy for occluded arteries. *N Engl J Med* 2009;360:774-83.

Appendix Table: Additional Secondary QOL Measures by Intention to Treat

		<u>PCI</u>	<u>MED</u>	<u>Difference between PCI and MED (95% CI)</u>
SF role function - emotional				
Baseline	N	432	432	
	median	100 (67, 100)	100 (33, 100)	
	mean	76.62±37.94	71.76±40.55	4.86 (-0.4, 10.1)
4 months	N	409	411	
	median	100 (33, 100)	100 (67, 100)	
	mean	75.26±37.74	76.16±37.65	-0.89 (-6.1, 4.3)
12 months	N	399	396	
	median	100 (67,100)	100 (67,100)	
	mean	78.99±36.29	79.12±36.00	-0.14 (-5.2, 4.9)
24 months	N	379	375	
	median	100 (67,100)	100 (67,100)	
	mean	82.41±33.35	79.69±36.48	2.72 (-2.3, 7.7)
SF role function - physical				
Baseline	N	429	427	
	median	50 (0,100)	75 (0,100)	
	mean	54.74±43.08	56.03±44.21	-1.29 (-7.2, 4.6)
4 months	N	407	408	
	median	75 (0,100)	75 (25,100)	
	mean	58.85±42.28	59.38±40.94	-0.53 (-6.3, 5.2)
12 months	N	400	396	
	median	100 (25,100)	100 (25,100)	
	mean	68.90±39.04	69.34±40.73	-0.44 (-6.0, 5.1)
24 months	N	380	381	
	median	100 (25,100)	100 (50,100)	
	mean	68.82±40.09	70.19±38.58	-1.37 (-7.0, 4.2)
SF general health				
Baseline	N	443	443	
	median	57 (50,62)	57 (50,65)	
	mean	56.25±11.06	56.86±11.25	-0.62 (-2.1, 0.9)
4 months	N	410	416	
	median	57 (50,62)	57 (50,62)	
	mean	55.49±9.67	55.41±10.51	0.08 (-1.3, 1.5)
12 months	N	409	404	

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	median	57 (47,62)	57 (50,62)	
	mean	54.75±10.26	55.52±9.49	-0.77 (-2.1, 0.6)
24 months	N	383	384	
	median	57 (50,62)	57 (50,62)	
	mean	54.86±9.54	55.60±10.17	-0.74 (-2.1, 0.7)
SF vitality				
Baseline	N	442	446	
	median	60 (40,75)	58 (40,75)	
	mean	56.83±23.66	55.92±24.09	0.92 (-2.2, 4.1)
4 months	N	414	420	
	median	60 (45,80)	60 (45,80)	
	mean	59.45±23.38	58.19±23.23	1.27 (-1.9, 4.4)
12 months	N	408	406	
	median	60 (45,80)	65 (45,80)	
	mean	59.73±21.37	60.30±23.05	-0.57 (-3.6, 2.5)
24 months	N	386	387	
	median	63 (50,80)	65 (45,80)	
	mean	60.79±21.65	60.10±22.86	0.70 (-2.5, 3.8)
SF social functioning				
Baseline	N	446	450	
	median	81 (50,100)	88 (50,100)	
	mean	74.13±27.37	74.25±28.40	-0.12 (-3.8, 3.5)
4 months	N	416	420	
	median	94 (63,100)	88 (63,100)	
	mean	81.07±24.31	79.85±25.35	1.22 (-2.2, 4.6)
12 months	N	410	406	
	median	100 (75,100)	100 (75,100)	
	mean	84.60±21.28	83.53±23.39	1.08 (-2.0, 4.2)
24 months	N	388	389	
	median	100 (75,100)	100 (75,100)	
	mean	84.66±21.68	83.23±22.82	1.44 (-1.7, 4.6)
SF pain index				
Baseline	N	447	449	
	median	62 (41,84)	62 (41,84)	
	mean	61.74±26.85	60.55±28.30	1.19 (-2.4, 4.8)
4 months	N	414	420	
	median	74 (61,100)	74 (61,100)	
	mean	73.58±24.60	73.88±24.36	-0.29 (-3.6, 3.0)
12 months	N	409	406	
	median	74 (52,100)	74 (61,100)	
	mean	73.59±24.39	74.04±24.85	-0.46 (-3.8, 2.9)
24 months	N	388	390	
	median	74 (52,100)	74 (61,100)	

	mean	72.72±24.94	74.59±24.94	-1.87 (-5.4, 1.6)
Bed days				
Baseline	N	422	428	
	mean	1.45±4.26	1.76±5.17	-0.31 (-1.0, 0.3)
4 months	N	397	402	
	mean	0.83±3.24	0.95±3.60	-0.12 (-0.6, 0.4)
12 months	N	387	391	
	mean	0.78±3.59	0.92±4.21	-0.14 (-0.7, 0.4)
24 months	N	365	368	
	mean	0.98±4.24	0.76±3.51	0.22 (-0.3, 0.8)
Disability days				
Baseline	N	422	424	
	mean	5.59±10.28	5.62±10.46	0.26 (-1.4, 1.4)
4 months	N	394	394	
	mean	5.07±11.03	4.81±10.99	-0.27 (-1.3, 1.8)
12 months	N	383	388	
	mean	2.68±7.50	2.95±8.35	-1.27 (-1.4, 0.9)
24 months	N	363	360	
	mean	2.18±6.48	3.45±9.67	-0.93 (-2.5, 0.1)
0-100 rating scale				
Baseline	N	435	439	
	median	80 (60,90)	76 (60,90)	
	mean	73.85±20.40	72.83±20.96	0.91 (-1.7, 3.8)
4 months	N	405	406	
	median	80 (70,90)	80 (67,90)	
	mean	76.97±17.57	76.06±19.83	0.14 (-1.7, 3.5)
12 months	N	399	402	
	median	80 (70,90)	80 (70,90)	
	mean	78.08±17.35	77.94±18.23	0.46 (-2.3, 2.6)
24 months	N	373	380	
	median	80 (70,90)	80 (70,90)	
	mean	77.99±17.51	77.53±18.57	1.19 (-2.1, 3.1)
Time Trade-Off				
Baseline	N	413	410	
	median	0.9 (0.6,1.0)	1.0 (0.7,1.0)	
	mean	0.72±0.37	0.75±0.36	-0.03 (-0.08,0.02)
4 months	N	378	385	
	median	1.0 (0.9,1.0)	1.0 (0.8,1.0)	
	mean	0.85±0.28	0.79±0.33	0.06 (0.01,0.10)
12 months	N	378	368	
	median	1.0 (0.9,1.0)	1.0 (0.9,1.0)	
	mean	0.85±0.30	0.84±0.30	0.00 (-0.04,0.05)

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24 months	N	361	359	
	median	1.0 (0.9,1.0)	1.0 (0.9,1.0)	
	mean	0.87±0.27	0.84±0.31	0.03 (-0.01,0.08)
Working full or part time				
Baseline	N	447	442	
	% yes	50.3	51.6	-1.25 (-7.82,5.32)
4 months	N	418	424	
	% yes	43.8	45.8	-1.97 (-8.69,4.74)
12 months	N	407	411	
	% yes	44.0	46.7	-2.73 (-9.56,4.09)
24 months	N	389	386	
	% yes	41.9	46.6	-4.73 (-11.72,2.26)

Continuous variables shown as medians (25th to 75th percentiles) and means with standard deviations. Categorical variables are shown as percentages.

95% confidence intervals on treatment differences calculated as PCI minus MED.
Comparisons with bolded values were statistically significant at a $p \leq 0.05$ level.