

Appendix Table 1- Study Sites

Bay State Medical Center, Springfield, MA
Baylor Health Plano Heart Hospital, Plano, TX
Henry Ford Hospital, Detroit, MI
Integrus Heart Hospital, Oklahoma City, OK
Kaiser-Permanente, San Francisco, CA
Mayo Clinic, Rochester, MN
Prairie Heart St John's Hospital, Springfield, IL
Washington University Barnes-Jewish Hospital, St Louis, MO
Yale New Haven Hospital, New Haven, CT
Saint Luke's Mid America Heart Institute, Kansas City, MO

Appendix Table 2 - Number of patients and interventional cardiologists (operators) at each study site

Site	Number of Patients	Number of Operators
1	113	9
2	143	19
3	20	8
4	129	5
5	91	13
6	160	17
7	67	12
8	158	32
9	66	13
10	44	7

Appendix Table 3Odds ratio[†] of association between patient and operator characteristic(s) and patient perception(s)

	Extend Life	Prevent MI	Save Life	Decrease Symptoms	Improve Abnormality	Other	Emergent Procedure
<i>Patient Characteristics</i>							
Age (per +10y)	0.84 (0.67 to 1.05)	0.77 (0.63 to 0.95)**	0.85 (0.72 to 0.99)**	0.84 (0.71 to 0.98)**	0.90 (0.79 to 1.03)	1.16 (0.89 to 1.50)	0.92 (0.78 to 1.09)
Female	0.90 (0.54 to 1.52)	1.31 (0.79 to 2.16)	0.90 (0.62 to 1.30)	0.72 (0.49 to 1.05)	1.08 (0.78 to 1.48)	0.53 (0.26 to 1.08)	1.39 (0.94 to 2.07)
Non-Caucasian	1.35 (0.52 to 3.47)	1.63 (0.63 to 4.25)	1.57 (0.79 to 3.10)	1.46 (0.76 to 2.84)	0.79 (0.47 to 1.34)	0.51 (0.16 to 1.62)	1.15 (0.61 to 2.14)
No insurance	2.26 (0.29 to 17.51)	0.37 (0.13 to 1.07)	0.99 (0.34 to 2.86)	0.54 (0.19 to 1.50)	1.27 (0.51 to 3.19)	0.06 (0.00 to 192.6)	0.45 (0.12 to 1.72)
Prior PCI	0.74 (0.46 to 1.19)	0.70 (0.45 to 1.09)	0.83 (0.60 to 1.16)	1.06 (0.75 to 1.50)	0.73 (0.55 to 0.98)**	1.08 (0.62 to 1.87)	0.96 (0.67 to 1.39)
Prior CABG	1.70 (0.91 to 3.15)	1.53 (0.88 to 2.66)	1.16 (0.79 to 1.71)	1.06 (0.71 to 1.59)	0.83 (0.59 to 1.16)	0.95 (0.50 to 1.80)	1.06 (0.69 to 1.61)
Prior MI	0.98 (0.58 to 1.67)	1.64 (0.97 to 2.79)	1.04 (0.72 to 1.51)	0.72 (0.49 to 1.06)	0.81 (0.58 to 1.12)	0.87 (0.47 to 1.59)	1.22 (0.81 to 1.83)
Married	1.13 (0.68 to 1.88)	1.66 (1.04 to 2.63)**	0.78 (0.54 to 1.13)	1.05 (0.73 to 1.52)	1.10 (0.81 to 1.51)	1.53 (0.78 to 2.97)	0.74 (0.50 to 1.09)
Less than HS education	1.43 (0.61 to 3.40)	0.90 (0.45 to 1.83)	1.11 (0.62 to 1.96)	0.59 (0.33 to 1.07)	0.60 (0.35 to 1.00)	0.54 (0.16 to 1.85)	2.18 (1.24 to 3.85)**
Avoided care due to cost	1.36 (1.03 to 1.78)**	1.26 (0.96 to 1.66)	1.12 (0.90 to 1.39)	1.13 (0.90 to 1.41)	0.96 (0.80 to 1.16)	0.96 (0.65 to 1.41)	0.95 (0.75 to 1.19)
SAQ Score (per +5 pts)	1.01 (0.96 to 1.07)	1.04 (0.99 to 1.10)	0.97 (0.93 to 1.01)	0.75 (0.71 to 0.78)**	1.03 (1.00 to 1.07)	1.02 (0.95 to 1.09)	0.96 (0.92 to 1.00)
<i>Operator Characteristics</i>							
Age (per +10y)	1.49 (1.08 to 2.05)**	1.10 (0.82 to 1.48)	1.11 (0.90 to 1.35)	1.22 (0.99 to 1.51)	1.06 (0.89 to 1.27)	0.91 (0.61 to 1.36)	1.02 (0.80 to 1.30)
Non-US/Canada med school	1.05 (0.56 to 1.96)	1.24 (0.68 to 2.25)	0.90 (0.60 to 1.34)	1.03 (0.70 to 1.53)	1.18 (0.84 to 1.66)	0.72 (0.32 to 1.64)	1.34 (0.84 to 2.13)
Cardiology board certification	0.45 (0.09 to 2.19)	0.69 (0.17 to 2.86)	0.50 (0.18 to 1.37)	0.75 (0.25 to 2.20)	1.80 (0.76 to 4.30)	0.67 (0.11 to 4.24)	1.56 (0.51 to 4.80)
Interventional board certification	2.15 (0.89 to 5.21)	1.29 (0.52 to 3.21)	1.27 (0.69 to 2.34)	0.76 (0.42 to 1.36)	0.78 (0.46 to 1.30)	1.02 (0.35 to 3.01)	0.94 (0.49 to 1.81)

Publications (vs. none)

1-9	1.09 (0.52 to 2.31)	0.63 (0.29 to 1.38)	1.05 (0.64 to 1.72)	0.96 (0.60 to 1.55)	1.13 (0.75 to 1.71)	0.97 (0.41 to 2.31)	0.89 (0.51 to 1.55)
10-49	0.96 (0.38 to 2.40)	0.68 (0.27 to 1.68)	0.66 (0.36 to 1.19)	0.89 (0.49 to 1.63)	1.07 (0.63 to 1.79)	0.49 (0.16 to 1.50)	1.19 (0.58 to 2.42)
≥50	1.21 (0.41 to 3.54)	1.23 (0.44 to 3.46)	1.01 (0.51 to 2.01)	0.76 (0.39 to 1.50)	1.42 (0.79 to 2.56)	1.00 (0.29 to 3.46)	1.69 (0.76 to 3.77)

† 95% Confidence Intervals displayed next to each Odds Ratio

** $p < 0.05$

Appendix Figure 1 - Patient interview questions regarding the urgency of their PCI procedure and its' benefits.

27. Was your coronary artery balloon or stent placement an elective procedure or was it an emergency?

Elective Emergency Unsure

28. What do you think were the main benefits of your procedure? (Check all that apply.)

- | | |
|--|---|
| <input type="checkbox"/> To prevent future heart attacks | <input type="checkbox"/> To improve an abnormality on a stress test |
| <input type="checkbox"/> To extend my life | <input type="checkbox"/> Other (specify: _____) |
| <input type="checkbox"/> To save my life | <input type="checkbox"/> Unsure |
| <input type="checkbox"/> To decrease anginal symptoms (chest pain) | |
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