

Cardiovascular Disease Prevention and Control: Interventions Engaging Community Health Workers

Summary Evidence Table - Additional Outcomes

Author (s) (Suitability of Design)*	Outcome Name	Baseline:	End of Intervention:	Change in nutrition outcome (Diff. in diff of means OR absolute pct pt change)
Hill et al. 2003 (Greatest)	Proportion with no health insurance	Intervention (n= 125): 54.0% Comparison (n=106): 43.0%	36 mo. Intervention (n= 125): 26.0% Comparison (n=106): 25.0%	-10 pct pts (NS) Favorable direction
Hill et al. 2003 (Greatest)	% MD/NP for hypertension care	Intervention (n= 125): 67.0% Comparison (n= 106): 72.0%	36 mo. Intervention (n= 125): 94.0% Comparison (n= 106): 69.0%	30.0 pct pts (p<0.01) Favorable direction
Balcazar et al. 2005 (Least)	Proportion with weight control and reduction practices	Intervention (n=223): 51.0%	6 mo. Intervention (n=223): 61.3% (ITT)	10.3 pct pts Favorable direction
Fedder et al. 2003 (Least)	Length of hospital stay (days)	Intervention (n=117): 6.4 days	12 mo. Intervention (n=117): 6.7 days	Relative change: -5% (p=0.02) Adjusted for baseline differences Favorable direction
Fedder et al. 2003 (Least)	Medicaid Reimbursements (\$/yr)	Intervention (n=117): \$8266/yr	12 mo. Intervention (n=117): \$6020/yr	-\$2246/yr Relative change: 27%/yr (p=0.01) Favorable direction
Kim et al. 2004 (Least)	Overall Lifestyle behaviors	Intervention (n= 256): NR	3 mo. Intervention (n= 256): NR	t score = -13.4 (p<0.001) Favorable direction
Kim et al. 2004 (Least)	Nutrition behaviors	Intervention (n= 256): NR	3 mo. Intervention (n= 256): NR	t score = -10.97 (p<0.001) Favorable direction
Kim et al. 2004 (Least)	Physical Activity behaviors	Intervention (n= 256): NR	3 mo. Intervention (n= 256): NR	t score = -12.46 (p<0.001) Favorable direction
Kim et al. 2004 (Least)	Smoke-free behaviors	Intervention (n= 256): NR	3 mo. Intervention (n= 256): NR	t score = -2.61 (p<0.05) Favorable direction
Medina et al. 2007 – Arm 1 (Least)	Weight control practices (Likert scale)	Intervention (n=67): 2.52 pts	6 mo. Intervention (n=67): 3.14 pts	0.62 pts (p<0.01) Favorable direction

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Medina et al. 2007 – Arm 2 (Least)	Weight control practices (Likert scale)	Intervention (n=46): 2.40 pts	6 mo. Intervention (n=67): 3.34 pts	0.94 pts (p<0.01) Favorable direction
Spinner et al. 2012 (Least)	Improved weight management behaviors (Likert scale)	Intervention (n=382): 2.46 pts	2 mo. Intervention (n=382): 2.84 pts	0.38 pts (p<0.001) Favorable direction

* Included studies were stratified based on suitability of study designs. Study designs of greatest/moderate suitability include: individual or group randomized controlled trial, non-randomized trial, prospective cohort, case-control, and other designs that have a concurrent comparison group. Study designs least suitable include before-after studies without a comparison group.

Abbreviations:

pct pts, percentage points

NS, not significant