

Mailed Intervention to Promote Sun Protection of Children

A Randomized Controlled Trial

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Appendix A

Characteristics by participation status, white non-Hispanic Colorado children aged 6–9 years, 2004–2007 (N=686), %

Characteristic	2004 interview		2005 interview		2006 interview		2007 interview	
	No (n=23)	Yes (n=663)	No (n=43)	Yes (n=643)	No (n=44)	Yes (n=642)	No (n=72)	Yes (n=614)
Gender								
Male	26.1	48.3*	44.2	47.7	47.7	47.5	44.4	47.9
Female	73.9	51.7	55.8	52.3	52.3	52.5	55.6	52.1
Parent education								
< college	34.8	24.6	37.2	24.1	29.5	24.6	30.6	24.3
≥ college	65.2	75.4	62.8	75.9	70.5	75.4	69.4	75.7
Household income, \$								
<75,000	54.5	36.4	40.5	36.8	38.1	37.0	38.6	36.9
75,000–99,999	18.2	27.6	26.2	27.3	21.4	27.7	22.9	27.8
≥100,000	27.3	36.0	33.3	35.9	40.5	35.4	38.6	35.4
Hair color								
Blonde–light brown	69.6	68.5	62.8	68.9	75.0	68.1	70.8	68.2*
Red	4.3	3.8	4.7	3.7	0.0	4.0	2.8	3.9
Medium–dark brown	26.1	27.3	30.2	27.1	22.7	27.6	23.6	27.7
Black	0.0	0.5	2.3	0.3	2.3	0.3	2.8	0.2
Eye color								
Black–brown	36.4	27.5	26.2	27.9	20.9	28.2	19.7	28.7
Blue	45.5	48.8	45.2	48.9	51.2	48.5	50.7	48.5
Green/hazel	18.2	23.7	28.6	23.2	27.9	23.2	29.6	22.8
Skin color								
Dark white	0.0	11.3	12.2	10.9	7.0	11.3	12.7	10.8
Medium white	50.0	36.8	26.8	37.9	37.2	37.2	39.4	36.9
Fair white	50.0	51.9	61.0	51.2	55.8	51.6	47.9	52.3
Skin sensitivity								
Painful burn followed by no tan (Type 1)	4.3	12.4*	18.6	11.7	13.6	12.0	13.9	11.9
Painful burn followed by light tan (Type 2)	8.7	34.1	32.6	33.3	20.5	34.1	29.2	33.7
Slight burn followed by little tan (Type 3)	65.2	42.8	41.9	43.7	52.3	43.0	41.7	43.8
No burn followed by good tan (Type 4)	21.7	10.7	7.0	11.4	13.6	10.9	15.3	10.6
Study assignment								
Control group	52.2	49.3	51.2	49.3	63.6	48.4*	55.6	48.7
Intervention group	47.8	50.7	48.8	50.7	36.4	51.6	44.4	51.3
Baseline sunscreen use								
Never–half the time	–	–	27.3	18.4	21.9	18.7	23.3	18.4
Most of the time–all of the time	–	–	72.7	81.6	78.1	81.3	76.7	81.6

Appendix A (continued)

Characteristic	2004 skin exam		2005 skin exam		2006 skin exam		2007 skin exam	
	No (n=138)	Yes (n=548)	No (n=130)	Yes (n=556)	No (n=126)	Yes (n=560)	No (n=157)	Yes (n=529)
Gender								
Male	48.6	47.3	50.8	46.8	54.8	45.9	51.0	46.5
Female	51.4	52.7	49.2	53.2	45.2	54.1	49.0	53.5
Parent education								
< college	30.4	23.5	33.1	23.0*	28.6	24.1	33.8	22.3*
≥ college	69.6	76.5	66.9	77.0	71.4	75.9	66.2	77.7
Household income, \$								
<75,000	33.8	37.9	39.8	36.4	32.5	38.1	36.2	37.3
75,000-99,999	28.6	26.9	20.3	28.9	24.4	27.9	23.7	28.3
≥100,000	37.6	35.2	39.8	34.7	43.1	34.0	40.1	34.4
Hair color								
Blonde-light brown	65.9	69.2	67.7	68.7	68.3	68.6	73.2	67.1
Red	3.6	3.8	3.8	3.8	4.0	3.8	3.2	4.0
Medium-dark brown	29.7	26.6	26.9	27.3	26.2	27.5	22.3	28.7
Black	0.7	0.4	1.5	0.2	1.6	0.2	1.3	0.2
Eye color								
Black-brown	30.1	27.2	26.4	28.1	24.0	28.6	25.6	28.4
Blue	46.3	49.3	51.2	48.1	49.6	48.5	51.3	47.9
Green/hazel	23.5	23.5	22.5	23.8	26.4	22.9	23.1	23.7
Skin color								
Dark white	11.7	10.8	10.2	11.2	8.8	11.5	10.3	11.2
Medium white	37.2	37.2	36.7	37.3	38.4	36.9	37.2	37.2
Fair white	51.1	52.0	53.1	51.5	52.8	51.6	52.6	51.6
Skin sensitivity								
Painful burn followed by no tan (Type 1)	12.3	12.1	11.6	12.2	12.1	12.1	11.5	12.3
Painful burn followed by light tan (Type 2)	26.1	35.1	31.0	33.8	29.0	34.2	30.1	34.2
Slight burn followed by little tan (Type 3)	47.1	42.7	45.7	43.1	41.9	43.9	44.9	43.2
No burn followed by good tan (Type 4)	14.5	10.2	11.6	10.9	16.9	9.8	13.5	10.4
Study assignment								
Control group	47.8	49.8	50.8	49.1	49.2	49.5	51.0	49.0
Intervention group	52.2	50.2	49.2	50.9	50.8	50.5	49.0	51.0
Baseline sunscreen use								
Never-half the time	--	--	22.5	18.1	20.0	18.6	21.9	18.0
Most of the time-all of the time	--	--	77.5	81.9	80.0	81.4	78.1	82.0

Note: Bold indicates significance.

*p<0.05 based on Chi-square test; **p<0.001 based on Chi-square test