

Characteristics hypothesized as associated with the CHOICE variable, by race

Characteristic*	NHW	AA
<u>Sociodemographic</u>		
Age^{ns}		
45 – 64	58%	59%
65 or older	42%	41%
Gender^{ns}		
Male	44%	43%
Female	56%	57%
Education *		
8 th grade	5%	28%
Some high school	6%	18%
High school graduate	89%	54%
<u>Financial</u>		
Poverty status *		
Below US poverty threshold	9%	36%
At/above US poverty threshold	91%	64%
Household annual income *		
Below \$20,000	37%	70%
At/above \$20,000	63%	30%
Ability to pay unexpected \$500 bill *		
Able to pay comfortably	56%	23%
Able to pay, but with difficulty	35%	50%
Not able to pay the bill	9%	27%
Financial situation *		
Can't make ends meet	3%	6%
Manage to get by	34%	72%
Enough to manage, plus some extra	43%	16%
I can buy about whatever I want	20%	6%
Dental insurance^{ns}		
Yes	35%	29%
No	65%	71%
Dental insurance covers RCT *		
Yes	22%	13%
No	78%	87%
<u>Attitudes & behavior</u>		
Attitude towards past dental care *		
Frustrated concerning past treatment	83%	89%
Not frustrated by past treatment	17%	11%

Approach to dental care *		
Problem-oriented attender	34%	74%
Regular attender	66%	26%
 <u>Knowledge & experience with RCT</u>		
Do you know what a RCT is? *		
Yes	80%	36%
No	20%	64%
 Has a dentist ever recommended a RCT?*		
Yes	58%	21%
No	42%	79%
 Have you ever had a RCT? *		
Yes	52%	16%
No	48%	84%
 How likely do you think it is that RCT can save a tooth from being pulled? *		
Extremely likely	23%	9%
Very likely	37%	24%
Somewhat likely	14%	23%
Not at all likely	4%	8%
Don't know	21%	36%
 <u>Clinical examination</u>		
Periodontal attachment loss *		
Less than 7 mm	73%	46%
Greater than or equal to 7 mm	27%	54%
 Severely loose teeth *		
None	89%	68%
One or more	11%	32%
 Teeth with active decay *		
None	59%	27%
One or more	41%	73%
 Root tips *		
None	93%	81%
One or more	7%	19%
 Number of bulk restoration fractures ^{ns}		
None	84%	85%
One or more	16%	15%
 Number of cusp/incisal edge fractures *		
None	89%	80%
One or more	11%	20%

Number of root defects ^{ns}		
None	89%	91%
One or more	11%	9%
Number of remaining teeth *		
1 to 17	17%	35%
18 to 32	83%	65%

*p < 0.05; Mantel-Haenszel χ^2 trend test used for ordinal categories, Pearson's chi-square for nominal categories.

Due to rounding column percentages do not add to 100 in all cases.

Table A2. Three bivariate multivariable logistic regressions of whether EXT or RCT was received during follow-up, showing effects as odds ratios.

Covariate(s)	Point Estimate of Odds Ratios (95% CI)	
	EXT	RCT
Model 1:		
Race *	3.07 (1.01,9.38)	0.39 (0.14,1.07)
Able to pay, but with difficulty †	1.49 (0.61,3.66)	0.41 (0.17,0.99)
Not able to pay †	5.99 (0.94,38.15)	0.19 (0.06,0.65)
Worst attachment level 6-8 mm ‡	2.35 (0.94,5.86)	0.36 (0.15,0.82)
Worst attachment level 9+ mm ‡	11.31 (1.25,102.34)	0.14 (0.03,0.76)
Model 2:		
Race *	2.02 (0.65,6.28)	0.48 (0.15,1.53)
Able to pay, but with difficulty †	1.33 (0.50,3.53)	0.44 (0.17,1.17)
Not able to pay †	1.65 (0.28,9.57)	0.32 (0.06,1.73)
Worst attachment level 6-8 mm ‡	2.03 (0.80,5.16)	0.34 (0.14,0.83)
Worst attachment level 9+ mm ‡	11.78 (0.89,155.32)	0.15 (0.03,0.79)
Ext after knowing the cost ¶	6.10 (0.53,68.99)	1.77 (0.42,7.42)
Ext before knowing cost ¶	12.84 (1.15,143.70)	0.71 (0.37,5.48)
Model 3:		
Worst attachment level 6-8 mm ‡	1.98 (0.80,4.92)	0.38 (0.16,0.91)
Worst attachment level 9+ mm ‡	12.79 (1.10,148.34)	0.14 (0.03,0.67)
Ext after knowing the cost ¶	8.49 (0.85,84.38)	1.19 (0.34,4.14)
Ext before knowing cost ¶	20.78 (2.37,182.51)	0.33 (0.12,0.97)

* Race: 0 = non-Hispanic White; 1 = African American.

† The reference group is persons who are able to pay comfortably.

‡ The reference group comprised persons whose worst attachment level at baseline was 0-5mm.

¶ The reference group is persons who said in the CHOICE scenario at baseline that they would choose to get the root canal and cap despite knowing the costs or don't know after hearing the costs.

Statistically significant ($p < 0.05$) odds ratios are shown in bold italic font.