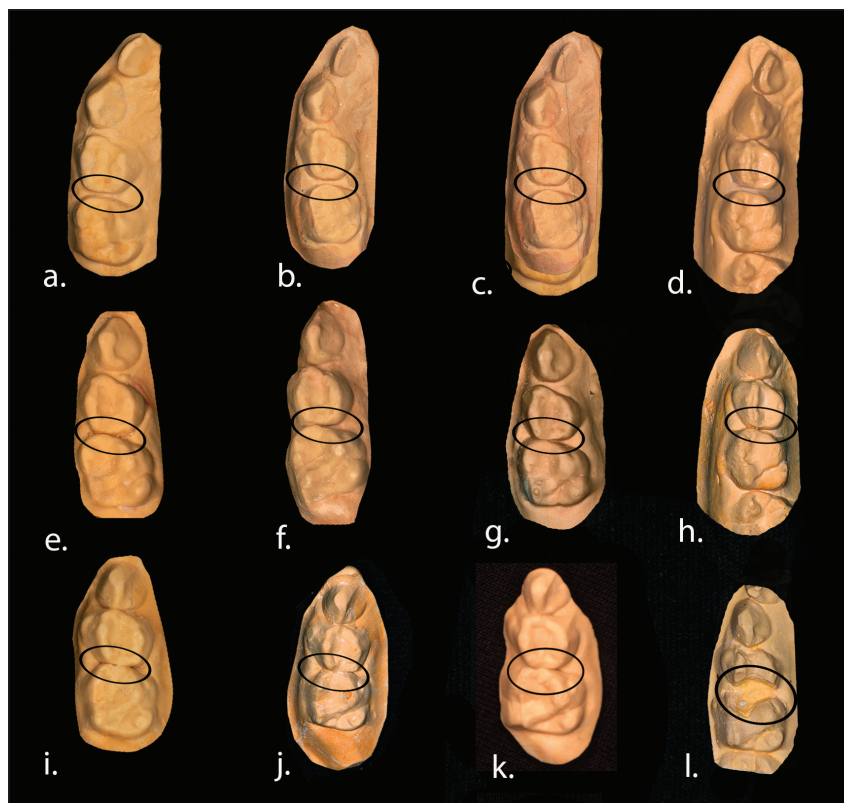


Supplemental Electronic Data—Tables and Figure

**Table 1. DISTRIBUTION OF APPROXIMAL CARIES PREVALENCE AT 12, 24, AND 36 MONTHS**

Prevalence at baseline Type (N)	At 12 months (N=3812)			At 24 months (N=3892)			At 36 months (N=3848)		
	Total	Absence of caries	Presence of caries	Total	Absence of caries	Presence of caries	Total	Absence of caries	Presence of caries
	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)	N (%)
O (261)	220	218 (99.0)	2 (1.0)	260	258 (99.2)	2 (0.8)	257	254 (98.8)	3 (1.2)
X (148)	129	127 (98.4)	2 (1.6)	148	145 (98.0)	3 (2.0)	148	145 (98.0)	3 (2.0)
I (3381)	2861	2778 (97.1)	83 (2.9)	2810	2606 (92.7)	204 (7.3)	2778	2450 (88.2)	328 (11.8)
S (686)	602	562 (93.4)	40 (6.6)	674	581 (86.4)	93 (13.6)	665	501 (75.2)	165 (24.8)



**Figure.** Schematic representation of sectional die models of O, X, and I contacts at baseline, 12, 24, and 36 months of follow-up; a, b, c, and d depict O types of contacts; e, f, g, and h depict X types of contacts; i, j, k, and l depict I types of contacts; and m, n, o, and p depict S types of contacts. The O (d) and X (h) contacts remained caries-free after 36 months. The I-type became carious after 36 months (l).

*Supplemental Data continued on the next page.*

Table 2. UNIVARIATE ANALYSIS BY POISSON REGRESSION WITH A MULTILEVEL APPROACH FOR THE INCIDENCE OF APPROXIMAL CARIES AND THE INDEPENDENT VARIABLES

Variables	CARIES at 36 Months				Variables	CARIES at 36 Months			
	No N(%)	Yes N(%)	RR* (95% CI**)	P-value†		No N(%)	Yes N(%)	RR* (95% CI**)	P-value†
<b>Tooth variables (n=3848 contacts)</b>					<b>Child variables - continued</b>				
<i>Type of contact</i>					<i>Use of dental floss</i>				
O (257)	254 (98.8)	3 (1.2)	1		After every meal (796)	671 (84.3)	125 (15.7)	1	
X (148)	145 (98.0)	3 (2.0)	2.2 (0.4, 10.7)	0.345	Twice daily (24)	24 (100)	0 (0)	5.01e-09	0.998
I (2778)	2450 (88.2)	328 (11.8)	13.4 (4.3, 41.7)	<0.001	Once (952)	813 (85.4)	139 (14.6)	0.9 (0.7, 1.2)	0.557
S (665)	501 (75.2)	165 (24.8)	23.0 (7.4, 72.2)	<0.001	Occasionally (80)	70 (87.5)	10 (12.5)	1.1 (0.6, 2.1)	0.797
<i>Type of quadrant</i>					Never (1956)				
Maxillary right (962)	811 (84.3)	151 (15.7)	1.2 (1.0, 1.6)	0.091	1734 (88.7)	222 (11.3)	0.7 (0.6, 0.9)	0.008	
Maxillary left (962)	807 (83.4)	155 (16.6)	1.3 (1.0, 1.6)	0.055	<i>Previous dental visit</i>				
Mandibular left (962)	892 (92.7)	70 (7.3)	1		Last 6 months (60)	49 (81.7)	11 (18.3)	1	
Mandibular right (962)	839 (87.2)	123 (12.8)	0.6 (0.4, 0.8)	<0.001	6 months-1 year (160)	140 (87.5)	20 (12.5)	0.8 (0.4, 1.7)	0.549
<b>Child variables (3848 contacts-962 children)</b>					1-5 years (368)				
<i>Gender</i>					319 (86.7)				
Male (1608)	1413 (88.2)	195 (11.8)	0.9 (0.8, 1.1)	0.218	>5 years (96)	90 (93.7)	6 (6.3)	0.5 (0.2, 1.2)	0.114
Female (2240)	1936 (86.4)	304 (13.6)			Never (2140)	1875 (87.6)	265 (12.4)	0.8 (0.4, 1.4)	0.394
<i>Bottle feeding habit</i>					Don't remember (896)				
Yes (4)	4 (100)	0 (0)	1		768 (85.7)	128 (14.3)	0.9 (0.5, 1.7)	0.768	
No (3844)	3345 (87)	499 (13)	2.28e+07	0.998	Did not answer (112)	95 (84.8)	17 (15.2)	0.9 (0.4, 1.8)	0.673
<i>Children who clean their teeth</i>					<i>Last professional fluoride application</i>				
Yes (3728)	3241 (86.9)	487 (13.1)	1		Yes (36)	31 (86.1)	5 (13.9)	1	
No (120)	108 (90)	12 (10)	0.8 (0.4, 1.4)	0.361	No (3712)	3237 (87.2)	475 (12.8)	1.2 (0.5, 2.8)	0.741
<i>Mode of tooth brushing</i>					Don't know (92)				
Toothbrush (3840)	3341 (87)	499 (13)	1		75 (81.5)	17 (18.5)	1.7 (0.6, 4.5)	0.323	
Others (8)	8 (100)	0 (0)	4.52e-08	0.998	<i>Frequency of snacking per day</i>				
<i>Supervision while toothbrushing</i>					Never (8)				
Child alone (2240)	1919 (85.7)	321 (14.3)	1		8 (100)	0 (0)	9.35e-09	0.999	
Parent alone (628)	556 (88.5)	72 (11.5)	0.8 (0.6, 1.0)	0.092	Occasionally (364)	323 (88.7)	41 (11.3)	1	
Sometimes child, sometimes parent (980)	874 (89.2)	106 (10.8)	0.8 (0.6, 0.9)	0.029	1-2 times (3016)	2611 (86.6)	405 (13.4)	1.2 (0.9, 1.7)	0.212
<i>Age when started brushing</i>					3-4 times (404)				
< 18 months (688)	593 (86.2)	95 (13.8)	1		354 (87.6)	50 (12.4)	1.2 (0.8, 1.8)	0.447	
> 18 months (3156)	2752 (87.2)	404 (12.8)	0.9 (0.7, 1.1)	0.143	5 or >5 times (48)	45 (93.7)	3 (6.3)	0.7 (0.2, 2.1)	0.468
<i>Use of toothpaste</i>					Don't know (8)				
Yes (3248)	2845 (87.6)	403 (12.4)	1		8 (100)	0 (0)	9.23e-09	0.999	
No (540)	459 (85)	81 (15)	1.2 (1.0, 1.6)	0.099	<i>Frequency of intake of sugary items</i>				
Don't know (60)	45 (75)	15 (25)	1.9 (1.2, 3.2)	0.012	Yes (3104)	2719 (87.6)	385 (12.4)	0.8 (0.7, 0.98)	0.033
<i>Frequency of mouth rinse</i>					No (736)				
After every meal (700)	604 (86.3)	96 (13.7)	1		622 (84.5)	114 (15.5)	1		
Twice daily (432)	370 (85.6)	62 (14.4)	1.1 (0.8, 1.5)	0.531	Don't know (8)	8 (100)	0 (0)	5.72e-09	0.999
Once (2608)	2283 (87.5)	325 (12.5)	0.9 (0.8, 1.2)	0.572	<i>Frequency of intake of non-sugary items</i>				
Occasionally (72)	63 (87.5)	9 (12.5)	0.9 (0.4, 1.7)	0.639	Yes (3132)	2751 (87.8)	381 (12.2)	1	
Never (24)	19 (79.2)	5 (20.8)	1.2 (0.5, 2.9)	0.711	No (708)	590 (83.3)	118 (16.7)	1.4 (1.1, 1.7)	0.002
<i>Frequency of tooth brushing</i>					Don't know (8)				
After every meal (284)	235 (82.7)	49 (17.3)	1		8 (100)	0 (0)	4.79e-08	0.997	
Twice daily (672)	561 (83.5)	111 (16.5)	0.9 (0.7, 1.3)	0.715	<i>Habit of brushing after snacking</i>				
Once (1088)	930 (85.5)	158 (14.5)	0.9 (0.6, 1.2)	0.312	Always (184)	159 (86.4)	25 (13.6)	1	
Occasionally (336)	305 (90.7)	31 (9.3)	1.1 (0.8, 1.4)	0.009	Occasionally (2820)	2438 (86.4)	382 (13.6)	1.1 (0.7, 1.6)	0.73
Never (1456)	1308 (89.8)	148 (10.2)	1.3 (0.7, 1.9)	0.002	Never (820)	730 (89)	90 (11)	0.9 (0.6, 1.3)	0.482
					Don't know (8)				
					8 (100)				
					0 (0)				
					4.56e-08				
					0.997				
					<i>Habit of sleeping directly after snacking</i>				
					Always (920)				
					817 (88.8)				
					103 (11.2)				
					1				
					Occasionally (1948)				
					1691 (86.8)				
					257 (13.2)				
					1.1 (0.9, 1.4)				
					0.37				
					Never (964)				
					827 (85.8)				
					137 (14.2)				
					1.2 (0.9, 1.5)				
					0.221				
					Don't know (4)				
					4 (100)				
					0 (0)				
					7.37e-08				
					0.999				
					<i>Socioeconomic status</i>				
					Upper middle (232)				
					217 (93.5)				
					15 (6.5)				
					0.6 (0.3, 0.9)				
					0.03				
					Lower middle (1068)				
					932 (87.3)				
					136 (12.7)				
					1.0 (0.8, 1.3)				
					0.837				
					Upper lower (988)				
					832 (84.2)				
					156 (15.8)				
					1.3 (1.1, 1.7)				
					0.007				
					Lower (1560)				
					1368 (87.7)				
					192 (12.3)				

\* RR=Relative risk. \*\* CI= Confidence interval. † P-value=Significance.

Table 3. MEANS AND MEDIANS FOR SURVIVAL TIME OF OXIS CONTACTS

Means and medians for survival time								
Type of contact	Mean*				Median			
	Estimate	Std. error	95% Confidence interval		Estimate	Std. error	95% Confidence interval	
			Lower bound	Upper bound			Lower bound	Upper bound
O	<b>1066.718</b>	2.431	1061.953	1071.483	–	–	–	–
X	<b>1061.893</b>	6.320	1049.507	1074.280	–	–	–	–
I	<b>1042.146</b>	2.606	1037.039	1047.254	1073.000	.000	–	–
S	<b>1012.262</b>	6.463	999.593	1024.930	1071.000	.356	1070.302	1071.698
Overall	1041.641	3.008	1035.746	1047.536	1073.000	1.418	1070.221	1075.779

\* Estimation is limited to the largest survival time if it is censored.