

Table 1. Differences in parameters between early childhood caries (ECC) (+) and (–) at baseline (N = 640).

Variable		ECC (+)	ECC (–)	<i>p</i> -value [‡]
	N (%)	159 (24.8)	481(75.2)	
Position in birth order	First	58 (36.5) [†]	194 (40.3)	0.388
	≥Second	101 (63.5)	287 (59.7)	
Daytime caregiver	Mother	64 (40.3)	250 (52.0)	0.019*
	Nursery	80 (50.3)	182 (37.8)	
	Other	15 (9.4)	49 (10.2)	
Co-residing with grandparents	Yes	73 (45.9)	196 (40.7)	0.253
	No	86 (54.1)	285 (59.3)	
Prolonged breastfeeding	Yes	58 (36.5)	120 (24.9)	0.005*
	No	101 (63.5)	361 (75.1)	
Prolonged use of feeding bottle	Yes	19 (11.9)	47 (9.8)	0.434
	No	140 (88.1)	434 (90.2)	
Snacking frequency (times/day)	<3	115 (72.3)	419 (87.1)	<0.001*
	≥3	44 (27.7)	62 (12.9)	
Daily intake of sugar-containing beverages	Yes	117 (73.6)	346 (71.9)	0.687
	No	42 (26.4)	135 (28.1)	
Daily tooth brushing habit	Yes	130 (81.8)	407 (84.6)	0.396
	No	29 (18.2)	74 (15.4)	
Daily tooth brushing by parents	Yes	157 (98.7)	466 (96.9)	0.265
	No	2 (1.3)	15 (3.1)	
Use of fluoride varnish	Yes	20 (12.6)	70 (14.6)	0.535
	No	139 (87.4)	411 (85.4)	

*: $p < 0.05$; †: number (%); ‡: chi-squared test.

Table 2. Adjusted odds ratios (ORs) and 95% confidence intervals (CIs) for the incidence of early childhood caries (N = 640).

Variable		OR	95% CI	<i>p</i> -value
Position in birth order	First	1.00		
	≥Second	1.12	0.76–1.64	0.573
Daytime caregiver	Mother	1.00		
	Nursery	1.55	1.05–2.30	0.029*
	Other	0.99	0.50–1.93	0.973
Co-residing with grandparents	No	1.00		
	Yes	1.19	0.82–1.74	0.366
Prolonged breastfeeding	No	1.00		
	Yes	1.71	1.15–2.55	0.008*
Prolonged using of feeding-bottle	No	1.00		
	Yes	1.15	0.63–2.07	0.655
Snacking frequency (times/day)	<3	1.00		
	≥3	2.39	1.53–3.74	<0.001*
Use of fluoride varnish	Yes	1.00		
	No	1.07	0.62–1.85	0.807

*: $p < 0.05$

Table 3. Differences in parameters regarding care from mothers compared with daytime nursery caregivers and other caregivers (father, grandparents, etc) at baseline (N = 640).

Variable			Mother	Daytime nursery caregivers	<i>p</i> -value [‡]	Mother	Other caregivers	<i>p</i> -value [‡]
N (%)			314 (54.5)	262 (45.5)		314 (83.1)	64 (16.9)	
Position in birth order	First		127 (40.4) [†]	102 (38.9)	0.711	127 (40.4)	23 (35.9)	0.502
	≥Second		187 (59.6)	160 (61.1)		187 (59.6)	41 (64.1)	
Living with grandparents	Yes		116 (36.9)	111 (42.4)	0.185	116 (36.9)	42 (65.6)	<0.001*
	No		198 (63.1)	151 (57.6)		198 (63.1)	22 (34.4)	
Prolonged breastfeeding	Yes		85 (27.1)	70 (26.7)	0.924	85 (27.1)	23 (35.9)	0.152
	No		229 (72.9)	192 (73.3)		229 (72.9)	41 (64.1)	
Prolonged use of feeding bottle	Yes		32 (10.2)	24 (9.2)	0.678	32 (10.2)	10 (15.6)	0.207
	No		282 (89.8)	238 (90.8)		282 (89.8)	54 (84.4)	
Snacking frequency (times/day)	<3		279 (88.9)	203 (77.5)	<0.001*	279 (88.9)	52 (81.3)	0.093
	≥3		35 (11.1)	59 (22.5)		35 (11.1)	12 (18.8)	
Daily intake of sugar-containing beverages	Yes		228 (72.6)	194 (74.0)	0.699	228 (72.6)	41 (64.1)	0.169
	No		86 (27.4)	68 (26.0)		86 (27.4)	23 (35.9)	
Daily brushing habit	Yes		277 (88.2)	207 (79.0)	0.003*	277 (88.2)	53 (82.8)	0.237
	No		37 (11.8)	55 (21.0)		37 (11.8)	11 (17.2)	
Daily brushing by parents	Yes		310 (98.7)	254 (96.9)	0.136	310 (98.7)	59 (92.2)	0.009*
	No		4 (1.3)	8 (3.1)		4 (1.3)	5 (7.8)	
Use of fluoride varnish	Yes		52 (16.6)	33 (12.6)	0.182	52 (16.6)	5 (7.8)	0.075
	No		262 (83.4)	229 (87.4)		262 (83.4)	59 (92.2)	

*: $p < 0.05$; †: number (%); ‡: chi-squared test.