

Randomized Clinical Trial of 12% and 38% Silver Diamine Fluoride Treatment

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Appendix

Appendix Table. Children's demographic background, clinical characteristics, and dental health-related habits at 30-month examination

Group	Group 1 (12% SDF, annual)	Group 2 (12% SDF, semi-annual)	Group 3 (38% SDF, annual)	Group 4 (38% SDF, semi-annual)	<i>p-value</i>
Demographic background					
Sex: Male	119 (60%)	117 (58%)	120 (59%)	109 (56%)	0.806
Place of birth: Hong Kong	192 (97%)	192 (95%)	194 (96%)	182 (93%)	0.249
Family structure: Both parent Main Care Taker	187 (95%)	194 (97%)	192 (96%)	188 (97%)	0.740
- Father or mother	135 (68%)	130 (64%)	133 (66%)	125 (64%)	0.883
- Grandparents	39 (20%)	42 (21%)	38 (19%)	45 (23%)	
- Maid or other people	24 (12%)	31 (15%)	31 (15%)	26 (13%)	
Father's education level					0.809
- Primary education	30 (16%)	33 (17%)	29 (15%)	32 (17%)	
- Secondary education	131 (69%)	130 (67%)	128 (66%)	117 (62%)	
- Post-secondary education	29 (15%)	32 (16%)	37 (19%)	39 (21%)	
Mother's education level					0.643
- Primary education	32 (16%)	30 (15%)	35 (18%)	35 (18%)	
- Secondary education	145 (74%)	143 (72%)	132 (66%)	130 (67%)	
- Post-secondary education	20 (10%)	25 (13%)	31 (16%)	28 (15%)	
Monthly family income					0.794
- Below HK\$10,000	69 (36%)	69 (35%)	72 (37%)	70 (38%)	
- HK\$10,001 - 20,000	71 (37%)	62 (32%)	67 (35%)	59 (32%)	
- Above HK\$20,000	50 (26%)	65 (33%)	54 (28%)	54 (30%)	
Clinical characteristics					
Mean dmft score	5.96 (3.39)	5.69 (3.60)	5.78 (3.55)	5.71 (3.39)	0.859
Mean VPI score	0.44 (0.20)	0.43 (0.21)	0.46 (0.20)	0.43 (0.19)	0.548
Severity of dental caries:					0.943
- Having 1-3 carious lesions	101 (51%)	105 (52%)	109 (54%)	103 (53%)	
- Having >3 carious lesions	97 (49%)	98 (48%)	93 (46%)	93 (47%)	
Dental health related habits					
Current bottle feeding	33 (17%)	30 (15%)	32 (16%)	27 (14%)	0.867
Daily frequency of snacking	2.12 (1.33)	2.05 (1.21)	1.95 (1.04)	1.84 (1.00)	0.087
Daily frequency of toothbrushing					0.264
- Twice a day	135 (68%)	135 (67%)	138 (68%)	137 (70%)	
- Once a day	49 (25%)	61 (30%)	56 (28%)	55 (28%)	
- Less than once a day	14 (7%)	7 (3%)	8 (4%)	4 (2%)	
Use of fluoride toothpaste	134 (85%)	147 (85%)	138 (84%)	138 (85%)	0.995
Supervised toothbrushing	114 (58%)	116 (57%)	122 (60%)	120 (61%)	0.797