

RESEARCH REPORTS

Clinical

S.M. Levy^{1,2*}, J.J. Warren¹, K. Phipps³,
E. Letuchy², B. Broffitt¹, J. Eichenberger-Gilmore^{1,4},
T.L. Burns^{2,5}, G. Kavand¹, K.F. Janz^{2,6}, J.C. Torner²,
and C.A. Pauley^{1,4}

¹Department of Preventive & Community Dentistry, University of Iowa College of Dentistry, Iowa City, IA, USA; ²Department of Epidemiology, University of Iowa College of Public Health, Iowa City, IA, USA; ³Oral Health Research Consultant, Morro Bay, CA, USA; ⁴Institute for Clinical and Translational Sciences, University of Iowa, Iowa City, IA, USA; ⁵Department of Pediatrics, University of Iowa College of Medicine, Iowa City, IA, USA; and ⁶Department of Health and Human Physiology, University of Iowa College of Liberal Arts, Iowa City, IA, USA; *corresponding author, steven-levy@uiowa.edu

Effects of Life-long Fluoride Intake on Bone Measures of Adolescents: A Prospective Cohort Study

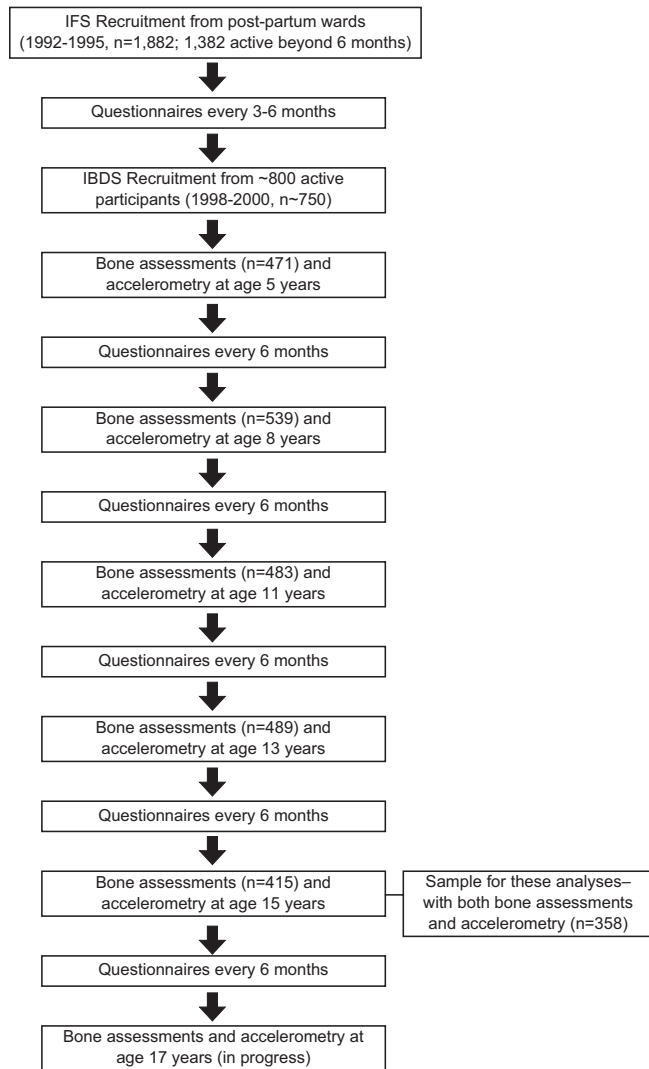
J Dent Res DOI: 10.1177/0022034514520708

APPENDIX

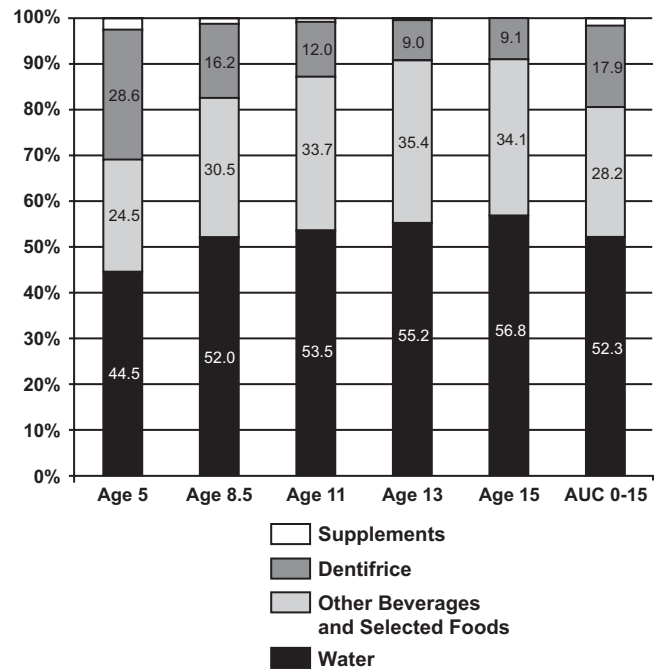
Appendix Table. Descriptive Statistics for Fluoride, Calcium, and Vitamin D Intake and MVPA by Gender

Variable	N	Mean	SD	Percentiles of Distribution									
				min	p1	p5	p10	p25	p50	p75	p90	p99	max
Females													
Cumulative fluoride intake AUC for birth to 15 yrs (mg/day)	183	0.66	0.24	0.26	0.28	0.36	0.38	0.48	0.63	0.82	0.96	1.53	1.54
Calcium intake at age 15 yrs (mg/day)	174	779.99	386.53	141.34	190.03	297.84	355.67	497.67	724.81	964.74	1,251.25	2,398.59	2,507.89
Vitamin D intake at age 15 yrs (IU/day)	174	195.46	169.07	3.60	9.60	27.60	48.00	92.40	149.40	252.00	364.80	760.80	1,370.40
Actigraph MVPA (min/day)	131	26.23	17.09	1.75	1.75	5.00	7.25	13.20	23.00	37.40	49.60	73.20	87.25
Males													
Cumulative fluoride intake AUC for birth to 15 yrs (mg/day)	175	0.78	0.30	0.25	0.29	0.38	0.45	0.57	0.71	0.96	1.23	1.62	1.85
Calcium intake at age 15 yrs (mg/day)	168	1,043.24	512.93	248.09	256.08	381.37	495.29	676.83	955.19	1,226.50	1,855.85	2,755.32	2,977.02
Vitamin D intake at age 15 yrs (IU/day)	168	266.77	163.41	22.80	24.00	57.60	88.80	145.20	234.00	343.20	524.40	730.80	753.60
Actigraph MVPA (min/day)	140	38.41	19.33	3.20	6.40	11.28	15.71	23.33	35.25	52.40	62.31	95.40	96.00

MVPA, moderate- and vigorous-intensity physical activity.



Appendix Figure 1. Iowa Fluoride Study (IFS)/Iowa Bone Development Study (IBDS) flowchart.



Appendix Figure 2. Mean percentages of fluoride intake from major sources (N = 358).