

Supplementary Online Content

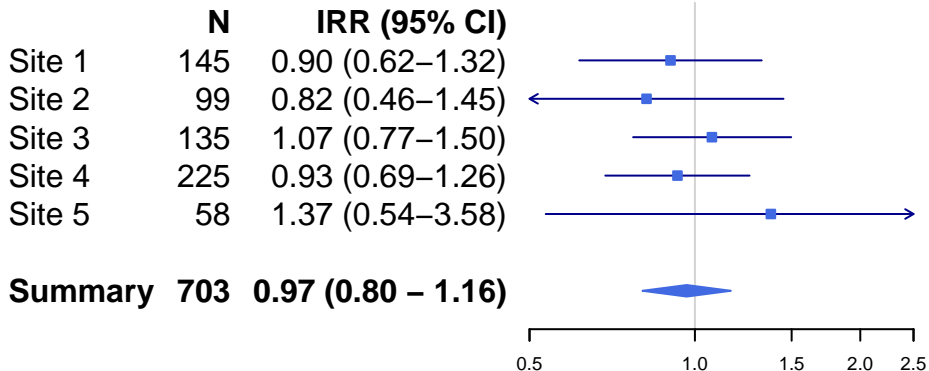
Aglipay M, Birken CS, Parkin PC, et al. Effect of high-dose vs standard-dose wintertime vitamin D supplementation on viral upper respiratory tract infections in young healthy children. *JAMA*. doi:10.1001/jama.2017.8708

eTable. Nonenrolled vs enrolled baseline characteristics results of quality assessment per study

eFigure. Forest plot of site-specific treatment effect of high dose vitamin D (2000 iu/day) vs standard dose vitamin D (400 IU/ Day) on URTI

This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure. Forest Plot of Site-Specific Treatment Effect of High Dose Vitamin D (2000 IU/day) vs Standard Dose Vitamin D (400 IU/ Day) on URTI by Site



For each site in the forest plot, a box represents the incidence rate ratio and a horizontal bar represents 95% confidence intervals. 5 out of 8 sites are represented in the plot; the remaining 3 sites had too few participants to calculate incidence rate ratios (nsite6=4, nsite7=17, nsite8=16). The overall incidence rate ratio is plotted as a diamond, with the lateral points indicating the 95% confidence interval.

eTable. Nonenrolled vs Enrolled Baseline Characteristics

	Non-Enrolled	Enrolled
N	656	703
Sex (%)		
Female	304 (46.6)	296 (42.3)
Male	348 (53.4)	404 (57.7)
Age, years (mean (sd))	2.76 (1.54)	2.70 (1.53)
Regular vitamin D supplementation (%)		
No	231 (37.9)	256 (39.9)
Yes	379 (62.1)	385 (60.1)
IU per day (median (IQR))	57 (0-400)	0 (0-400)
Average minutes in unstructured free play outdoors per week (median (IQR))	45 (20-60)	45 (30-60)
Influenza vaccination (%)		
No	446 (77.0)	520 (78.0)
Yes	133 (23.0)	147 (22.0)
Fitzpatrick skin type (%)		
Type I (Pale white skin)	62 (10.5)	89 (13.0)
Type II (White skin)	201 (34.0)	221 (32.4)
Type III (Light brown skin)	248 (41.9)	229 (33.6)
Type IV (Moderate brown skin)	55 (9.3)	76 (11.1)
Type V (Dark brown skin)	18 (3.0)	40 (5.9)
Type VI (Deeply pigmented dark brown skin to black skin)	8 (1.4)	27 (4.0)
Birth weight, kg (mean (sd))	3.25 (0.70)	3.68 (0.81)
Currently using bottle (%)		
No	404 (69.1)	402 (72.0)
Yes	181 (30.9)	156 (28.0)
Currently breastfed (%)		
No	390 (83.3)	396 (80.3)
Yes	78 (16.7)	97 (19.7)
Weight, kg (mean (sd))	13.74 (3.93)	14.37 (4.16)
Height, cm (mean (sd))	92.26 (13.27)	94.08 (13.29)
Body mass index, z score (mean (sd))	0.06 (1.01)	0.12 (1.18)
Mother's education level (%)		
College/ University	597 (94.0)	609 (90.5)
High School	35 (5.5)	56 (8.3)
Public School	3 (0.5)	8 (1.2)
Mother's ethnicity (%)		
European	432 (72.6)	402 (67.0)
East Asian	38 (6.4)	36 (6.0)
South Asian	24 (4.0)	25 (4.2)

	Non-Enrolled	Enrolled
Mother's ethnicity (%)		
Southeast Asian	21 (3.5)	29 (4.8)
Arab	14 (2.4)	11 (1.8)
African	14 (2.4)	36 (6.0)
Latin American	16 (2.7)	19 (3.2)
Mixed ethnicity	35 (5.9)	39 (6.5)
Other	1 (0.2)	3 (0.5)