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CORRIGENDUM

Impact of vitamin D supplementation on adiposity in African-Americans

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The authors wish to make readers aware that the wrong units were used in Table 2. Weight at 6 months was incorrectly reported in pounds instead of kilograms at 6 months, as was change in weight by months.

The amended table is presented below.

In the text baseline weight estimate was incorrectly reported in pounds instead of kilograms.

The following sub sections from the Results section have been amended:

Association of baseline 25(OH)D and BMI and weight

Baseline weight and baseline BMI were not significant predictors of baseline 25(OH)D (estimate (s.e.), P-value: BMI, -0.04 (0.07), $P = 0.55$; weight, -0.04 (0.02), $P = 0.06$). Baseline 25(OH)D was not a significant predictor of baseline BMI or baseline weight (BMI, -0.03 (0.05), $P = 0.55$, weight, -0.26 (0.13), $P = 0.06$).

Impact of vitamin D supplementation on BMI and weight

The primary efficacy analyses of vitamin D3 supplementation on weight and BMI are shown in Table 2. In linear regression with the dose of vitamin D3 (per 1000 IU per day) as the independent variable and the 3-month change in weight (or 3-month change in BMI) as the dependent variable, no effect of vitamin D3 on change in BMI or weight was observed. For each additional 1000 IU per day of vitamin D3, BMI increased by estimate (s.e.)): 0.01 (0.039); $P = 0.78$ and weight increased by estimate (SE):0.03 (0.11); $P = 0.81$. At 6 months, no significant change in BMI or weight was observed (Table 2).

The basic message of the paper is not altered. There is no effect of vitamin D supplementation on weight or BMI.

The authors apologise for any inconvenience caused.

Table 2. Effect of vitamin D supplementation on BMI and weight during the treatment (baseline to 3 months, mean (s.e.)) and 6 months after treatment

Parameter, mean (s.e.)	Placebo	1000	2000	4000	0–3-month change	P-value	3–6-month change	P-value	0–6-month change	P-value
n (at baseline)	81	81	83	83						
BMI, kg m^{-2}										
Baseline BMI	31.76 (0.86)	32.69 (0.82)	32.71 (0.89)	32.05 (0.78)	0.01 (0.04)	0.78	0.01 (0.04)	0.71	0.01 (0.05)	0.87
3-month BMI	32.00 (0.92)	32.41 (0.93)	33.11 (0.96)	32.28 (0.83)						
6-month BMI	32.14 (0.92)	32.51 (0.96)	32.54 (0.96)	32.02 (0.84)						
Difference BMI (0–3)	0.15 (0.09)	−0.04 (0.11)	0.15 (0.13)	0.13 (0.12)						
Difference BMI (3–6)	−0.18 (0.10)	−0.19 (0.10)	0.01 (0.11)	−0.14 (0.12)						
Difference BMI (0–6)	0 (0.11)	−0.17 (0.16)	0.02 (0.16)	−0.02 (0.15)						
Weight (wt), kg										
Baseline wt	90.69 (2.38)	92.35 (2.34)	92.56 (2.60)	90.30 (2.44)	0.03 (0.11)	0.81	0.05 (0.10)	0.59	0.03 (0.13)	0.8
3-month wt	90.94 (2.52)	90.72 (2.54)	94.07 (2.74)	90.81 (2.52)						
6-month wt	91.46 (2.56)	90.92 (2.55)	92.38 (2.83)	90.22 (2.60)						
Difference wt (0–3)	0.41 (0.27)	−0.08 (0.30)	0.40 (0.38)	0.37 (0.36)						
Difference wt (3–6)	−0.48 (0.28)	−0.62 (0.27)	0.01 (0.32)	−0.35 (0.33)						
Difference wt (0–6)	0.03 (0.31)	−0.52 (0.42)	0.01 (0.44)	−0.01 (0.43)						
25(OH)D, ng ml^{-1}										
Baseline 25(OH)D	17.07 (1.03)	17.33 (1.00)	16.12 (0.98)	17.79 (0.98)	7.75 (0.39)	< 0.0001	−4.74 (0.32)	< 0.0001	3.04 (0.31)	< 0.0001
3-month 25(OH)D	14.23 (0.96)	28.12 (1.11)	35.48 (1.21)	47.30 (1.22)						
6-month 25(OH)D	19.07 (1.0)	22.26 (0.96)	26.77 (1.02)	31.46 (0.81)						
Difference 25(OH)D (0–3)	−2.58 (0.66)	11.01 (1.22)	19.21 (1.21)	29.79 (1.29)						
Difference 25(OH)D (3–6)	4.78 (0.77)	−5.80 (1.10)	−9.20 (0.91)	−15.71 (0.93)						
Difference 25(OH)D (0–6)	1.83 (0.86)	5.02 (0.87)	10.29 (0.95)	13.81 (0.99)						

Abbreviation: BMI, body mass index. Difference BMI (0–3) = month 3 BMI kg m^{-2} – month 0 BMI kg m^{-2}: mean (s.e.). Difference BMI (3–6) = month 6 BMI kg m^{-2} – month 3 BMI kg m^{-2}: mean (s.e.). Difference BMI (0–6) = month 6 BMI kg m^{-2} – month 0 BMI kg m^{-2}: mean (s.e.). Difference wt (0–3) = month 3 wt, kg – month 0 wt, kg: mean (s.e.). Difference wt (3–6) = month 6 wt, kg – month 3 wt, kg: mean (s.e.). Difference wt (0–6) = month 6 wt, kg – month 0 wt, kg: mean (s.e.). Difference 25(OH)D (0–3) = month 3, 25(OH)D – month 0, 25(OH)D: mean (s.e.). Difference 25(OH)D (3–6) = month 6, 25(OH)D – month 3, 25(OH)D: mean (s.e.). Difference 25(OH)D (0–6) = month 6, 25(OH)D – month 3, 25(OH)D: mean (s.e.). 0–3 month change in weight, BMI, or 25(OH)D per 1000 IU per day of vitamin D supplementation. 3–6 month change in weight, BMI, or 25(OH)D per 1000 IU per day of vitamin D supplementation. 0–6 month change in weight, BMI, or 25(OH)D per 1000 IU per day of vitamin D supplementation. 25(OH)D conversion is 2.49 nmol l^{-1} for each ng ml^{-1}. The numbers do not always sum to group totals due to missing information for some variables.