CORRIGENDUM

Impact of vitamin D supplementation on adiposity in African-Americans

PD Chandler, JB Scott, BF Drake, K Ng, AT Chan, BW Hollis, KM Emmons, EL Giovannucci, CS Fuchs and GG Bennett

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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.