Causal mediation model of the effect of 25-hydroxyvitamin D and testosterone levels through body mass index, in patients with morbid obesity.

Asterisks indicate significant p-values (*p<0.05). Significance of the indirect effect was determined using mean bootstrapped.

- a: Direct effect of 25(OH)D on testosterone levels;
- b: Direct effect of 25(OH)D on body mass index;
- c: Direct effect of 25(OH)D on testosterone removing body mass index
- c’: Total effect of 25(OH)D on testosterone levels through body mass index;
25-hydroxyvitamin D → Body Mass Index → Total testosterone

a: -0.06 (0.07)
b: -0.09 (0.02)*
c: 0.05 (0.02)*
c’: 0.04 (0.02)*