Supplemental figure 1: 25(OH)D levels at baseline and after 12 weeks in the placebo group. Paired student's T-test was used for comparisons of 25(OH)D levels at baseline and follow-up

Figure 1a: All subjects (n=96), p<0.001

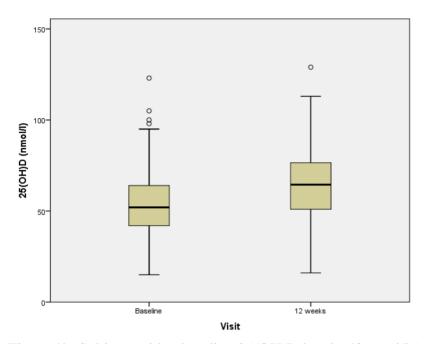


Figure 1b: Subjects with a baseline 25(OH)D level <40 nmol/l (n=16), p=0.051

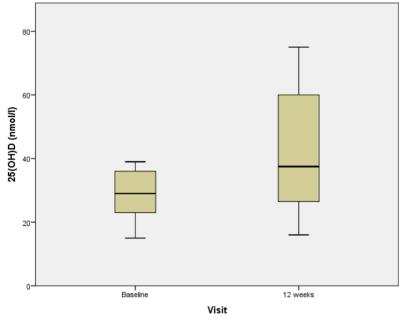


Figure 1c: Subjects with a baseline 25(OH)D level ≥40 nmol/l (n=80), p<0.001

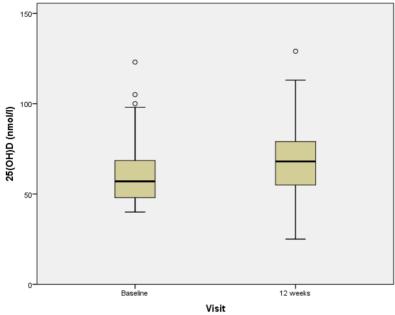


Figure 1d: Subjects with a BMI  $<25 \text{ kg/m}^2$  (n=32), p=0.008

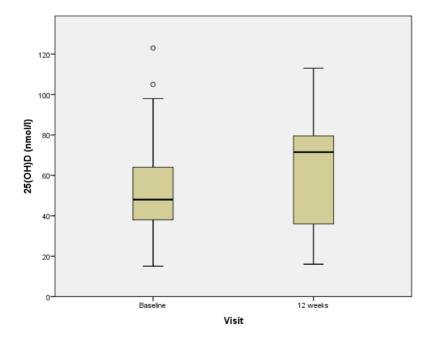


Figure 1e: Subjects with a BMI ≥25 kg/m<sup>2</sup> (n=64), p<0.001

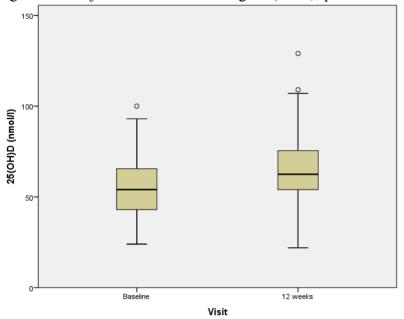


Figure 1f: Subjects with a baseline TT level <10.41 nmol/l (n=47), p<0.001

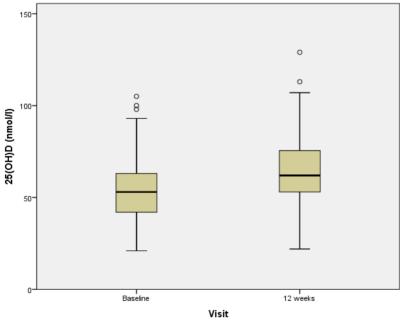


Figure 1g: Subjects with a baseline TT level ≥10.41 nmol/l (n=49), p=0.001

