nutrients

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*Supplementary Materials*

# Effect of Vitamin D and Docosahexaenoic Acid Co-Supplementation on Vitamin D Status, Body Composition, and Metabolic Markers in Obese Children: A Randomized, Double Blind, Controlled Study

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**Table S1.** Median (IQR) clinical and anthropometric variables in the total groups of patients who completed the study and in the drop-outs group at baseline.

| Total population | Patients who completed the study | | Drop-out | | *p*-value |
|---|---|---|---|---|---|
| | Median | IQR | Median | IQR | |
| Age, years | 11.2 | 3.2 | 8.7 | 3.8 | 0.000* |
| SDS BMI | 2.6 | 0.6 | 2.6 | 0.6 | 0.883 |
| FM, % | 35.3 | 7.4 | 36.4 | 7.5 | 0.553 |
| FFM, kg | 36.9 | 10.9 | 37.9 | 13.6 | 0.901 |
| 25OHD | 14.4 | 8.0 | 15.2 | 5.6 | 0.499 |

**Mann-Whitney test $p < 0.05$.* IQR = interquartile range; FM = fat mass; FFM = fat free mass; SDS = standard deviation score; 25OHD = 25-hydroxy vitamin D.

**Table S2.** Median (IQR) clinical and anthropometric variables of patients who completed the study and of the drop-outs patients in vitamin D +DHA group at baseline.

| Vitamin D + DHA group | Patients who completed the study | | Drop-out | | *p*-value |
|---|---|---|---|---|---|
| | Median | IQR | Median | IQR | |
| Age, years | 11.1 | 2.5 | 8.7 | 4.1 | 0.007* |
| SDS BMI | 2.6 | 0.6 | 2.6 | 0.8 | 0.752 |
| FM, % | 34.4 | 6.4 | 36.0 | 8.7 | 0.383 |
| FFM, kg | 37.3 | 11.0 | 35.7 | 13.3 | 0.605 |
| 25OHD | 14.0 | 6.8 | 15.0 | 6.0 | 0.542 |

**Mann-Whitney test $p < 0.05$.* IQR = interquartile range; FM = fat mass; FFM = fat free mass; SDS = standard deviation score; 25OHD = 25-hydroxy vitamin D.

**Table S3.** Median (IQR) clinical and anthropometric variables of patients who completed the study and of the drop-outs patients in vitamin D group at baseline.

| Vitamin D group | Patients who completed the study | | Drop-out | | *p*-value |
|---|---|---|---|---|---|
| | Median | IQR | Median | IQR | |
| Age, years | 11.6 | 3.7 | 9.0 | 4.2 | 0.021* |
| SDS BMI | 2.6 | 0.7 | 2.6 | 0.7 | 0.968 |
| FM, % | 21.0 | 10.5 | 23.1 | 14.8 | 0.873 |
| FFM, kg | 36.5 | 11.1 | 40.2 | 19.7 | 0.766 |
| 25OHD | 15.3 | 8.4 | 15.7 | 4.1 | 0.582 |

**Mann-Whitney test p<0.05.* IQR = interquartile range; FM = fat mass; FFM = fat free mass; SDS = standard deviation score; 25OHD = 25-hydroxy vitamin D.

We found that the only differences between drop-outs and the patients who completed the study (in the total group, and in each group) was related to age, but it was not clinically relevant.