**SUPPLEMENTARY TABLE 1**

Dietary, supplementary and total vitamin D intake of respectively 353, 352 and 346 measurements in 190 paediatric patients with cystic fibrosis, stratified according to year of age. Dietary, supplementary and total intake is also expressed per kg bodyweight.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **Serum 25(OH)D1 (nmol/L)** | **Dietary vitamin D intake (IU/day)2** | **Supplementary vitamin D intake (IU/day)2** | **Total vitamin D intake (IU/day)2** |
| **Age** | **N** | **Mean** ± SD | **N** | **Absolute, median (IQR)** | **Per kg body weight, median (IQR)** | **N** | **Absolute, median (IQR)**  | **IU/kg body weight, median (IQR)** | **N** | **Absolute, median (IQR)** | **IU/kg body weight, median (IQR)** |
| 0 | 16 | 81 ± 37 | 3 | 164 (56 – 164) | 17.6 (5.7 – 17.6) | 16 | 400 (400 – 400) | 68.8 (52.7 –75.9) | 3 | 564 (456 – 564) | 60.7 (46.8 – 60.7) |
| 1 | 17 | 67 ± 20 | 7 | 176 (64 – 332) | 18.4 (6.2 – 34.1) | 17 | 400 (400 – 440) | 43.9 (38.8 – 48.7) | 7 | 576 (464 – 732) | 55.1 (43.4 – 75.1) |
| 2 | 19 | 64 ± 24 | 13 | 116 (62 – 312) | 8.7 (4.4 – 22.6) | 19 | 400 (400 – 400) | 28.9 (27.2 – 34.8) | 13 | 516 (462 – 576) | 36.9 (33.8 – 45.1) |
| 3 | 18 | 64 ± 21 | 9 | 132 (70 – 338) | 8.7 (4.1 – 21.3) | 18 | 400 (400 – 450) | 28.3 (24.4 – 34.8) | 9 | 532 (474 – 734) | 35.0 (27.9 – 47.9) |
| 4 | 21 | 64 ± 20 | 18 | 124 (59 – 351) | 7.3 (3.3 – 19.3) | 21 | 400 (400 – 600) | 23.4 (20.5 – 37.8) | 18 | 698 (473 – 890) | 41.5 (27.4 – 50.2) |
| 5 | 19 | 56 ± 19 | 15 | 148 (76 – 264) | 7.3 (4.0 – 13.8) | 19 | 600 (400 – 600) | 29.6 (21.9 – 31.9) | 15 | 688 (472 – 864) | 35.9 (26.2 – 45.0) |
| 6 | 20 | 59 ± 11 | 15 | 164 (76 – 332) | 7.2 (3.6 – 17.4) | 20 | 600 (400 – 600) | 24.1 (16.4 – 28.6) | 15 | 736 (564 – 924) | 32.8 (24.3 – 44.4) |
| 7 | 19 | 62 ± 23 | 16 | 134 (84 – 266) | 5.7 (3.7 – 10.6) | 19 | 600 (400 – 800) | 24.0 (17.0 – 30.3) | 16 | 708 (623 – 890) | 29.5 (26.7 – 34.5) |
| 8 | 18 | 68 ± 19 | 14 | 160 (70 – 304) | 4.9 (2.5 – 12.1) | 18 | 600 (400 – 800) | 21.7 (15.4 – 27.1) | 14 | 774 (620 – 1037) | 28.6 (21.9 – 35.9) |
| 9 | 31 | 61 ± 24 | 19 | 176 (92 – 380) | 5.7 (2.3 – 13.6) | 31 | 600 (400 – 600) | 18.1 (13.0 – 21.7) | 19 | 856 (679 – 1012) | 28.1 (20.4 – 33.5) |
| 10 | 32 | 59 ± 27 | 26 | 206 (107 – 339) | 7.2 (3.1 – 10.7) | 31 | 400 (400 – 800) | 13.7 (10.7 – 20.3) | 25 | 752 (538 – 960) | 22.4 (16.7 – 27.5) |
| 11 | 35 | 61 ± 24 | 27 | 284 (124 – 364) | 7.1 (3.7 – 10.4) | 32 | 600 (400 – 600) | 14.3 (11.7 – 17.5) | 24 | 826 (656 – 1106) | 21.0 (18.2 – 28.3) |
| 12 | 45 | 51 ± 22 | 31 | 184 (84 – 332) | 4.1 (2.0 – 8.2) | 44 | 400 (330 – 600) | 10.9 (8.8 – 15.4) | 30 | 580 (431 – 918) | 15.4 (10.8 – 22.3) |
| 13 | 54 | 48 ± 23 | 35 | 136 (84 – 368) | 2.7 (1.8 – 8.1) | 51 | 400 (400 – 600) | 10.8 (7.9 – 13.7) | 34 | 638 (505 – 943) | 14.5 (10.2 – 22.4) |
| 14 | 51 | 46 ± 25 | 30 | 184 (135 – 278) | 3.6 (2.5 – 5.4) | 49 | 600 (400 – 600) | 10.4 (7.2 – 13.0) | 30 | 700 (553 – 882) | 13.8 (10.1 – 17.2) |
| 15 | 47 | 46 ± 22 | 28 | 172 (85 – 268) | 3.3 (1.5 – 5.2) | 46 | 460 (400 – 600) | 8.90 (6.54 – 10.37) | 28 | 660 (498 – 790) | 11.9 (8.9 – 13.9) |
| 16 | 43 | 48 ± 24 | 21 | 152 (94 – 338) | 2.7 (1.5 – 5.7) | 43 | 480 (320 – 600) | 8.63 (5.83 – 10.54) | 21 | 652 (482 – 888) | 10.9 (8.5 – 15.9) |
| 17 | 40 | 47 ± 25 | 26 | 150 (91 – 256) | 2.8 (1.6 – 4.4) | 38 | 500 (400 – 600) | 9.08 (6.96 – 10.32) | 25 | 636 (480 – 892) | 11.4 (7.9 – 15.3) |

Abbreviations: 25(OH)D, 25–hydroxy vitamin D; N, number; SD, standard deviation; IQR, interquartile range

1Values are expressed as mean ± SD 2Values are expressed as median (IQR).