Supplemental table 1. Individual SFT measurements (biceps, triceps, subscapular, suprailiac) from 2 to 5 y of life of the INFAT study

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Intervention group | Control group | Unadjusted difference1 | P value |  | Adjusted difference2 | P value |
| Biceps (mm) |  |  |  |  |  |  |  |
| 2 y | 4.8 ± 0.9 [59]3 | 4.8 ± 0.8 [55] | 0.1 (−0.3, 0.4)4 | 0.729 |  | 0.1 (−0.2, 0.4) | 0.577 |
| 3 y | 4.9 ± 1.0 [58] | 4.9 ± 0.8 [57] | 0.1 (−0.3, 0.4) | 0.766 |  | 0.1 (−0.3, 0.4) | 0.623 |
| 4 y | 4.8 ± 0.9 [51] | 5.0 ± 1.0 [52] | −0.1 (−0.4, 0.3) | 0.648 |  | −0.0 (−0.4, 0.3) | 0.796 |
| 5 y | 4.8 ± 1.2 [57] | 5.0 ± 1.2 [56] | −0.2 (−0.7, 0.2) | 0.289 |  | −0.2 (−0.6, 0.2) | 0.363 |
| Triceps (mm)  |  |  |  |  |  |  |  |
| 2 y | 8.9 ± 1.8 [58] | 8.5 ± 1.6 [54] | 0.4 (−0.3, 1.0) | 0.249 |  | 0.4 (−0.2, 1.0) | 0.198 |
| 3 y | 8.9 ± 1.6 [58] | 8.8 ± 1.7 [56] | 0.3 (−0.3, 0.9) | 0.389 |  | 0.3 (−0.3, 0.9) | 0.319 |
| 4 y | 9.4 ±1.4 [51] | 9.0 ± 1.8 [52] | 0.5 (−0.1, 1.1) | 0.120 |  | 0.5 (−0.1, 1.1) | 0.090 |
| 5 y | 9.4 ±1.9 [58] | 9.4 ± 1.9 [56] | 0.0 (−0.7, 0.7) | 0.980 |  | 0.0 (−0.6, 0.7) | 0.886 |
| Subscapular (mm) |  |  |  |  |  |  |  |
| 2 y | 6.1 ± 1.1 [61] | 6.0 ± 1.1 [57] | 0.1 (−0.2, 0.5) | 0.449 |  | 0.2 (−0.2, 0.5) | 0.420 |
| 3 y | 5.6 ± 0.9 [58] | 5.5 ± 1.0 [57] | 0.2 (−0.2, 0.5) | 0.343 |  | 0.2 (−0.2, 0.5) | 0.340 |
| 4 y | 5.3 ± 0.9 [50] | 5.2 ± 1.0 [52] | 0.1 (−0.2, 0.5) | 0.497 |  | 0.1 (−0.2, 0.5) | 0.465 |
| 5 y | 5.3 ± 1.0 [57] | 5.4 ± 1.8 [56] | 0.0 (−0.4, 0.4) | 0.981 |  | 0.0 (−0.4, 0.4) | 0.953 |
| Suprailiac (mm) |  |  |  |  |  |  |  |
| 2 y | 4.1 ± 0.8 [58] | 4.2 ± 0.9 [55] | −0.1 (−0.4, 0.2) | 0.481 |  | −0.1 (−0.4, 0.2) | 0.510 |
| 3 y | 4.0 ± 0.9 [58] | 4.1 ± 1.0 [55] | −0.1 (−0.4, 0.2) | 0.607 |  | −0.1 (−0.4, 0.2) | 0.576 |
| 4 y | 4.0 ± 1.0 [50] | 4.3 ± 1.1 [52] | −0.3 (−0.7, 0.1) | 0.105 |  | −0.3 (−0.7, 0.1) | 0.104 |
| 5 y | 4.4 ± 1.5 [57] | 4.7 ± 1.5 [55] | −0.3 (−0.9, 0.2) | 0.191 |  | −0.3 (−0.8, 0.2) | 0.184 |

1 From mixed models for repeated measures, using data from each visit since birth; SFT, skinfold thickness; INFAT, impact of nutritional fatty acids during pregnancy and lactation on early human adipose tissue development.
2 From mixed models for repeated measures, using data from each visit since birth and controlled for sex and pregnancy duration.
3 Mean ± SD calculated from the observed data; n in brackets (all such values).
4 Mean; 95% CI in parentheses (all such values).

Supplemental table 2. Physical activity and electronic media use from 3 to 5 y of life assessed by a questionnaireof the INFAT study1

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Type of behavior | Time point | Intervention group | Control group |  | P value |
| Regularly play outside (at least 3 times a week) |  | 3 y | 54/55 (98%)2 | 47/47 (100%) |  | >0.9993 |
| active | 4 y | 46/48 (96%) | 42/42 (100%) |  | 0.535 |
|  | 5 y | 58/58 (100%) | 54/54 (100%) |  | /4 |
| Regularly play sport (at least once a week either as part of a club or not) |  | 3 y | 42/55 (76%) | 28/47 (60%) |  | 0.108 |
| active | 4 y | 42/48 (88%) | 36/42 (86%) |  | >0.999 |
|  | 5 y | 53/58 (91%) | 50/54 (93%) |  | >0.999 |
| Regularly watch television (at least 1 hour a day on weekdays or weekend) |  | 3 y | 4/55 (7%) | 9/47 (19%) |  | 0.135 |
| sedentary | 4 y | 10/48 (21%) | 9/42 (21%) |  | >0.999 |
|  | 5 y | 16/58 (28%) | 19/54 (35%) |  | 0.507 |
| Regularly play on a computer (at least 1 hour a day on weekdays or weekend) |  | 3 y | 1/55 (2%) | 1/47 (2%) |  | >0.999 |
| sedentary | 4 y | 0/48 (0%) | 0/42 (0%) |  | / |
|  | 5 y | 1/58 (2%) | 1/54 (2%) |  | >0.999 |

1 Questionnaires were collected at 35–39 mo (3 y), 47–52 mo (4 y), and 59–63 mo (5 y); INFAT, impact of nutritional fatty acids during pregnancy and
lactation on early human adipose tissue development.

2 /n (percentage). 3 From chi-square tests comparing proportions between the two groups.
4 Chi-square test could not be performed due to either all or no children undertaking this activity.