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| **Supplemental Digital Content 2. Characteristics of 71 Preschool-Age Children Grouped by Preterm or Full-term Status** | | | | |
|  |  |  |  |  |
|  |  | **Preterm** | **Full-term** | ***P* value†** |
|  | | (n=20) | (n=51) |  |
| **Birth** |  |  |  |  |
|  | Birth Gestational Age (weeks) | 31.9 (2.57) | 39.8 (1.03) | <0.001 |
|  | Birth Weight (g)\* | 1843 (586) | 3535 (459) | <0.001 |
|  | Weight z-score\* | 0.04 (0.62) | 0.47 (0.89) | 0.051 |
|  | Length z-score\*\* | 0.28 (1.3) | 1.5 (1.0) | <0.001 |
|  | Sex, N % Male | 13 (65) | 26 (51) | 0.31 |
|  | Race, N % White | 17 (85) | 38 (75) | 0.53 |
|  | Maternal Education, N % Greater than high school | 14 (70) | 45 (88) | 0.084 |
| **Visit 1** |  |  |  |  |
|  | Corrected age at Visit 1 (weeks) | 40.7 (1.2) | 42.2 (1.2) | <0.001 |
|  | Weight (kg) | 3.48 (0.47) | 3.86 (0.42) | 0.0016 |
|  | Weight z-score | 0.00 (0.85) | 0.10 (0.74) | 0.61 |
|  | Length z-score | -0.02 (1.15) | 0.27 (0.02) | 0.26 |
|  | % Body fat | 17.9 (3.29) | 14.6 (3.62) | <0.001 |
|  | Fat-free mass (kg) | 2.86 (0.39) | 3.29 (0.33) | <0.001 |
|  | Fat mass (kg) | 0.62 (0.14) | 0.57 (0.18) | 0.17 |
| **Visit 2** |  |  |  |  |
|  | Corrected Age at Visit 2 (weeks) | 58.5 (2.0) | 53.0 (1.1) | <0.001 |
|  | Weight (kg)‡ | 6.73 (0.32) | 6.11 (0.15) | 0.15 |
|  | Weight z-score‡ | 0.054 (0.40) | -0.22 (0.19) | 0.61 |
|  | Length z-score‡ | -0.37 (0.40) | 0.44 (0.19) | 0.14 |
|  | % Body fat‡ | 27.1 (2.17) | 24.0 (1.03) | 0.29 |
|  | Fat-free mass (kg)‡ | 4.88 (0.21) | 4.63 (0.10) | 0.37 |
|  | Fat mass (kg)‡ | 1.86 (0.19) | 1.48 (0.09) | 0.14 |
| **Visit 3** |  |  |  |  |
|  | Age at Visit 3 (years) | 4.48 (0.3) | 4.37 (0.23) | 0.14 |
|  | Weight (kg) | 16.47 (2.48) | 17.18 (2.03) | 0.22 |
|  | Weight z-score | -0.41 (1.16) | 0.02 (0.84) | 0.088 |
|  | Height z-score | -0.45 (0.97) | -0.08 (0.84) | 0.12 |
|  | Body mass index at Visit 3 (kg/m2) | 15.1 (1.38) | 15.6 (1.08) | 0.13 |
|  | Body mass index z-score | -0.19 (1.03) | 0.16 (0.77) | 0.12 |
|  | % Body fat | 18.9 (7.61) | 19.9 (5.00) | 0.61 |
|  | Fat-free mass (kg) | 13.22 (1.29) | 13.72 (1.40) | 0.17 |
|  | Fat mass (kg) | 3.25 (1.63) | 3.46 (1.13) | 0.60 |
| Continuous variables expressed as mean (standard deviation) and categorical variables as percentages. | | | | |
| †Two-sample t-test for continuous variables, Fisher’s exact test for categorical variables | | | | |
| \* Birth weight and birth weight z-score missing in 1 full-term infant  \*\* Birth length z-score missing in 12 full-term infants  **‡**Visit 2 weight, z-scores, and body composition adjusted for Visit 2 age given preterm and term infants seen at discrepant corrected ages. Expressed as mean (standard error). | | | | |