**Changes in the nutritional status of children with cancer depending on clinical, demographic, and social factors**

S3. Characteristics of the patient group including social features.

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| --- | --- | --- | --- | --- | --- |
| **Variable** | | **Place of residence** | | | **p-value** |
| **rural n=21** | **urban - large city n=11** | **urban - small city n=8** |
| **Sex, n (%)** | female | 5 (23.8) | 3 (37.5) | 5 (45.5) | 0.4528a |
| male | 16 (76.2) | 5 (62.5) | 6 (54.5) |
| **Age, years** | Mean (SD)  Median (Q1-Q3)  range | 9.22 (4.66)  8.83 (5.25 -13)  2.08 - 17.08 | 8.6 (4.58)  9.08 (5.29 - 12.94)  2.25 -13.33 | 11.78 (5.52)  12.75 (5.71 - 16.58)  4.17 - 17.67 | 0.2833b |
| **Age group, n (%)** | pre-school | 7 (33.3) | 2 (25.0) | 3 (27.3) | 0.8052a |
| school | 9 (42.9) | 4 (50.0) | 3 (27.3) |
| adolescent | 5 (23.8) | 2 (25.0) | 5 (45.5) |
| **Treatment intensity, n (%)** | low/ intermediate | 11 (52.4) | 6 (54.5) | 5 (62.5) | 0.9162a |
| high | 10 (47.6) | 5 (45.5) | 3 (37.5) |
|  |  | **Education of parents** | | |  |
|  |  | **elementary n=6** | **secondary n=11** | **university n=23** |  |
| **Sex, n (%)** | female | 3 (50.0) | 2 (18.2) | 8 (34.8) | 0.3572a |
| male | 3 (50.0) | 9 (81.8) | 15 (65.2) |
| **Age, years** | Mean (SD)  Median (Q1-Q3)  range | 12.96 (4.47)  12.96 (12.04 - 16.12)  5.25 - 17.67 | 10.62 (3.91)  12.5 (7.25 - 13.17)  4.17 - 15.92 | 8.58 (5.19)  6.83 (4.42 - 12.88)  2.08 - 17.42 | 0.1481b |
| **Age group, n (%)** | pre-school | 1 (16.7) | 2 (18.2) | 9 (39.1) | 0.5704a |
| school | 2 (33.3) | 6 (54.5) | 8 (34.8) |
| adolescent | 3 (50.0) | 3 (27.3) | 6 (26.1) |
|  | high | 5 (83.3) | 6 (54.5) | 7 (30.4) |  |
|  | | **Age of parents** | | |  |
| **18 - 35 yrs. n=10** | **36 - 45 yrs. n=19** | **>46 yrs. n=11** |  |
| **Sex, n (%)** | female | 3 (30.0) | 5 (26.3) | 5 (45.5) | 0.6205a |
| male | 7 (70.0) | 14 (73.7) | 6 (54.5) |
| **Age, years** | Mean (SD)  Median (Q1-Q3)  range | 5.76 (3.9)  4.71 (3 - 6.17)  2.08 - 13 | 10.01 (4.9)  10.75 (5.67 - 13.04)  2.25 - 17.67 | 13.11 (3.06)  13.33 (12.29 - 15.25)  7.42 - 17.25 | 0.002b |
| **Age group n (%)** | pre-school | 7 (70.0) | 5 (26.3) | 0 (0.0) | 0.0019a |
| school | 3 (30.0) | 9 (47.4) | 4 (36.4) |
| adolescent | 0 (0.00) | 5 (26.3) | 7 (63.6) |
| **Treatment intensity, n (%)** | low/  intermediate | 9 (90.0) | 9 (47.4) | 4 (36.4) | 0.0306a |
| high | 1 (10.0) | 10 (52.6) | 7 (63.6) |

n, number; Q, quartile; SD, standard deviation. Differences in anthropometric parameters were calculated using the Fisher test (a) or Mann-Whitney test (b). A p-value <0.05 was considered significant.