**Table S2. Daily dietary intake of energy and macronutrients in patients and healthy controls.**

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| --- | --- | --- | --- | --- |
| **Variable** | **HC****Mean (SD)** | **DN****Mean (SD)** | **p-value** | **Reference values\*** |
| **Energy intake**Kcalfrom soft drinksfrom yogurt |  1018 (463)50.4**#**  128**#** |  1351 (516)101,8 (36.22)43**#** | ns | boys:1330-4020girls:1220-3550kcals (AR) |
| **Proteins**g% EnergyFrom vegetables, gFrom animal source, g |  42.71 (19.03)17.1 (1.82)9.13 (3.48)24.2 (4.5) |  55.56 (17.36)17.96 (3.13)13.71 (5.24)23.74 (9.73) | ns | 16-50 g (AR)12-15% (RI)boys: 0.76e0.79 g/kg (AR)girls: 0.76e0.77 g/kg (AR) |
| **Lipids**g% energy |  37.88 (19.29)33.25 (4.6) |  46.31 (8.2)32.05 (8.75) | ns | 20-35% (RI) |
| **Carbohydrates**g% EnergySimple sugars, gStarch, g |  131.14 (55.63)49.68 (3.25)52.19 (20.74)51.65 (14.50) |  167.73 (53.69)50.52 (8.71)40.95 (24.98)68.98 (33.95) | ns | 45-60% (RI) |
| **Total fiber**gg/1000 KcalInsoluble fiber, g Soluble fiber, g  |  8.04 (5.22)7.66 (2.00)3.1 (1.96)1.12 (0.46) |  9.80 (3.04)9.28 (3.34)3.73 (2.81)1.11 (0.51) | ns | 8.40 g/1000 kcal (AI) |

HC = healthy controls; DN = children with epilepsy before drug therapy onset; AR = average requirement; RI = reference intake; AI = adequate intake.

**#**one child per group (no SD). \*Reference values: Società Italiana di Nutrizione Umana (Italian Society of Human Nutrition) , SINU. Nutrients and energy reference intake levels for italian population; IV revision. Milan, Italy: Società Italiana di Nutrizione Umana; 2014). Values are expressed as mean (standard deviation). P-values <0.05 are considered significant (Mann-Whitney test); ns = non-statistically significant.