**Supplementary Table 1.** Drug classification codes 322 in NHIS database

|  |  |  |
| --- | --- | --- |
| **322** | Ferric hydroxide polymaltose complex | as Fe III 0.1g(6.667mg/mL) |
| as Fe III 0.1g(10mg/mL) |
| as Fe III 0.1g(20mg/mL) |
| as Fe III 1.5g(50mg/mL) |
| as Fe III 2.25g(50mg/mL) |
| as Fe III 2.5g(50mg/mL) |
| as Fe III 3g(50mg/mL) |
| as Fe III 5g(50mg/mL) |
| as Fe 0.1g |
| Iron proteinsuccinylate | as Fe 20mg |
| as Fe III 40mg(2.667mg/mL) |
| Polysaccharide iron complex | as Fe 50mg |
| as Fe 0.15g |
| as Fe 0.1g(5mg/mL) |
| Sodium ferric gluconate complex | as Fe III 62.5mg |
| as Fe III 62.5mg(6.25mg/mL) |
| as Fe III 62.5mg(7.8125mg/mL) |
| Folic acid | 0.35mg |
| Ferrous sulfate dried | as Fe II 80mg |
| Carbonyl iron | 45mg |
| Iron acetyl transferrin | as Fe 40mg |
| as Fe 40mg(4mg/mL) |
| Ferritinic iron | 40mg(4mg/mL) |
| Calcium folinate | 0.3mg(37.5μg/mL) |
| Iron dextran | as iron 0.1g(50mg/mL) |
| Iron hydoxide sucrose complex | as Fe 0.1g(20mg/mL) |
| as Fe 0.2g(20mg/mL) |

Abbreviation: NHIS, National Health Insurance System.

**Supplementary Table 2.** The association between the milk consumption and overweight in children

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Milk Consumption (mL/d)** | | **N=377,592a** | | | **RR (95% CI)** | |
| **Subjects, N** | **Overweightb, N (%)** | **Unadjusted** | | **Adjustedc** |
|  | Low Milk Groupd | 124,236 | 28,927 (23.28) | **0.851**  **(0.842 to 0.860)** | | **0.904**  **(0.892 to 0.916)** |
|  | Reference Groupe | 226,964 | 60,700 (26.74) | Ref | | Ref |
|  | High Milk Groupf | 26,392 | 7,931 (30.05) | **1.151**  **(1.133 to 1.170)** | | **1.120**  **(1.010 to 1.056)** |

Abbreviation: RR, relative risk; CI, confidence interval; BMI, body mass index.

a Subjects who recorded BMI at least once among the 5th to 7th rounds of NHSPIC were included.

b Obesity was defined as BMI for age z score ≥ 1.03, based on the BMI recorded at the last round among the 5th to 7th NHSPIC.

c Adjusted for sociodemographic characteristics(Table 1), and obesity at the 4th round of NHSPIC, as recorded in the database.

d The group of children who drink <200 mL milk per day.

e The group of children who drink 200–499 mL milk per day.

f The group of children who drink ≥500 mL milk per day.

Bold values indicate p < 0.05