**Table 1. Demographical and clinical characteristics of the 217 included children**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | All patients(n=217)No. (%) | 2-paed group (n=171)No. (%) | 7-paed group (n=46)No. (%) | p value | Carriers (n=11)No. (%) | Non-carriers (n=206)No. (%) | p value |
| **Sex** |  |  |  |  |  |  |  |
| Male/Female | 119/98 (54.8/45.2) | 98/73 (57.3/42.7)  | 21/25 (45.7/54.3) | 0.18 | 5/6 (65.5/54.5) | 114/92 (55.3/44.7) | 0.55 |
| **Age in months** **(median, 25-75th percentile)** | 13.3 (9.4-21.3) | 13.2 (9.2-21.0) | 13.3 (11.1-24.1) | 0.21 | 18.5(13.5-22.0) | 13.2 (9.3-21.1) | 0.23 |
| **Child care modalities** |  |  |  |  |  |  |  |
| At homea | 166 (76.5) | 142 (83.0) | 24 (52.2) | <0.001 | 4 (36.4) | 162 (78.6) | 0.004 |
| Out-of-homeb | 51 (23.5) | 29 (17.0) | 22 (47.8) | <0.001 | 7 (63.6) | 44 (21.4) |
| Day-care centre | 42 (19.4) | 23 (13.5)  | 19 (41.3) | <0.001 | 7 (63.6) | 35 (17.0) | 0.002 |
| 1- 3 days/week  | 13 (25.5) | 12 (41.4) | 2 (9.1) | 0.01 | 1 (14.3) | 12 (27.3) | 0.66 |
| ≥ 4 days/week  | 38 (74.5) | 17 (58.6) | 20 (90.9) | 6 (85.7) | 32 (72.7) |
| **Siblings < 5 years of age** |  |  |  |  |  |  |  |
| Yes | 91 (41.9) | 68 (39.8) | 23 (50) | 0.24 | 5 (45.5) | 86 (41.7) | 1 |
| Out-of-home care | 66 (72.5) | 49 (72.1) | 17 (73.9) | 1 | 4 (36.4) | 62 (30.1) | 0.74 |
| **Recent antibiotic therapyc** | 40 (18.4) | 32 (18.7) | 8 (17.4) | 1 | 1 (9.1) | 39 (18.9) | 0.69 |
| Last day of antibiotic taken before inclusion |  |  |  |  |  |  |  |
| 7 to 14 | 6 (2.8) | 6 (18.8) | 0 (0.0) | 0.32 | 0 (0) | 6 (15.4) | 1 |
| 15 to 30 | 12 (5.5) | 9 (28.1) | 3 (37.5) | 0.68 | 0 (0) | 12 (30.8) | 1 |
| 31 to 60 | 12 (5.5) | 11 (34.4) | 1 (12.5) | 0.40 | 0 (0) | 12 (30.8) | 1 |
| 61 to 90 | 10 (4.6) | 7 (21.9) | 3 (37.5) | 0.39 | 1 (9.1) | 9 (23.1) | 0.25 |
| **Chronic underlying condition** |  |  |  |  |  |  |  |
| No | 213 (98.2) | 167 (97.7) | 46 (100) | 0.58 | 11 (100) | 202 (98.1) | 1 |
| Yesd | 4 (1.8) | 4 (2.3) | 0 (0) | 0 (0.0) | 4 (1.9) |
| **Medical condition at inclusion** |  |  |  |  |  |  |  |
| Asymptomatic  | 139 (64.1) | 109 (63.7) | 30 62.5) | 1 | 6 (54.5) | 133 (64.6) | 0.53 |
| Rhinitis  | 78 (35.9) | 62 (35.7) | 16 (34.8) | 5 (45.5) | 73 (35.4) |

2-ped group, group of children included by 2 paediatricians; 7-ped group, group of children included by the 7 other paediatricians
a, results are presented pooled for children cared for at home with their parents or with a nurse;
b, results are presented pooled for children cared for out-of-home at day-care center or at kindergarten school;
c, amoxicillin (n=29; 72.5%), oral cephalosporins (n=7; 15%), among them cefpodoxime (n=5; 12.5%), cefixime (n=1; 2.5%) and cefaclor (n=1; 2.5%), amoxicillin-clavulanate (n=2; 5%) and azithromycin (n=2; 5%);
d, 1 asthma, 1 cleft lip and palate, 2 unspecified