**Supplemental Digital Content 3. Table: Antibiotic prescription delineated by age**

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|   | **Overall****(n=48,027)** | **Age group** |
|  | **≤1 year** | **2-4 years** | **5-6 years** | **7-9 years** | **10-12 years** | **13-18 years** |
|  | **(n=6,730)** | **(n=28,196)** | **(n=9,028)** | **(n=2,586)** | **(n=1,007)** | **(n=480)** |
| **All antibiotics, n (%)** | 12,045 (25.1) | 1,983 (29.5) | 7,390 (26.2) | 19,67 (21.8) | 424 (16.4) | 182(18.1) | 99 (20.6) |
| **Systemic antibiotics, n (%)** | 8,982 (18.70) | 1451 (21.6) | 5,580 (19.8) | 1,431 (15.9) | 311 (12.0) | 129 (12.8) | 80 (16.7) |
| Specific systemic antibiotics | 7,538 (83.9) | 1237 (85.3) | 4,696 (84.2) | 1,184 (82.7) | 256 (82.3) | 102 (79.1) | 63 (78.8) |
| **Non-systemic/topical antibiotics, n (%)** | 4,545 (9.5) | 827 (12.3) | 2,719 (9.6) | 751 (8.3) | 146 (5.7) | 73 (7.3) | 29 (6.0) |
| **Antivirals, n (%)** | 1,035 (2.2) | 154 (2.3) | 612 (2.2) | 171 (1.9) | 47 (1.8) | 25 (2.5) | 26 (5.4) |
| Acyclovir | 995 (96.1) | 145 (94.2) | 594 (97.1) | 159 (93.0) | 46 (97.9) | 25 (100.0) | 26 (100.0) |
| **Analgesics, n (%)** | 33,550 (69.9) | 4,907 (72.9) | 19,924 (70.7) | 6,268(69.4) | 1,655 (64.0) | 556 (55.2) | 240 (50.0) |
| **Antihistamines, n (%)** | 35,574 (74.1) | 3,672 (54.6) | 22,020 (78.1) | 7,194 (79.7) | 1,869 (72.3) | 603 (59.9) | 216 (45.0) |
| **Emollients, n (%)** | 2,024 (4.2) | 358 (5.3) | 1,136 (4.0) | 374 (4.1) | 103 (4.0) | 39 (3.9) | 14 (2.9) |