**SUPPLEMENTARY MATERIAL**

**Supplementary Table S1.** Number of discharges for the most common AGEs with known etiology, by three-year period and age group. Source: MBDS. CLM, Spain. 2003-2009\*.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Pre-vaccine period** | **2006** | **Post-vaccine period** | **Total** |
| **All** | **<5** | **≥5** | **All** | **<5** | **≥5** | **All** | **<5** | **≥5** | **All** | **<5** | **≥5** |
| **AGEs of viral etiology£** |  |
| **Rotavirus (008.61)** | 769 | 758 | 11 | 226 | 217 | 9 | 662 | 648 | 14 | 1657 | 1623 | 34 |
| **Adenovirus (008.62)** | 33 | 32 | 1 | 29 | 28 | 1 | 58 | 58 | 0 | 120 | 118 | 2 |
| **Torovirus (008.69)**  | 22 | 14 | 8 | 7 | 2 | 5 | 13 | 8 | 5 | 42 | 23 | 18 |
| **Other viral enteritis (008.8)** | 180 | 101 | 79 | 79 | 47 | 32 | 188 | 82 | 106 | 447 | 229 | 217 |
| **AGEs of bacterial etiology£** |  |
| **Salmonella (003.0-003.9)¥** | 930 | 241 | 689 | 216 | 49 | 167 | 435 | 114 | 321 | 1581 | 404 | 1177 |
| **Campylobacter (008.43)** | 146 | 99 | 47 | 50 | 29 | 21 | 141 | 71 | 70 | 337 | 199 | 138 |
| **Shigella (004.0-004.9)** | 16 | 1 | 16 | 1 | 1 | 0 | 6 | 0 | 6 | 23 | 2 | 21 |
| **E. Coli (008.00-008.09)** | 13 | 4 | 13 | 5 | 2 | 3 | 7 | 1 | 6 | 25 | 7 | 16 |
| **Yersinia (008.44)** | 6 | 3 | 3 | 4 | 2 | 2 | 10 | 4 | 6 | 20 | 9 | 11 |
| **Alimentary toxi-infections (005)** | 127 | 4 | 123 | 49 | 1 | 48 | 125 | 3 | 120 | 301 | 7 | 245 |

**\***AGEs: acute rotavirus gastroenteritis; MBDS: Minimum Basic Data Set; CLM: Castile-La Mancha; known etiology: specific diagnostic code of AGE in the primary diagnosis field of the MBDS and AGEs codified as AGE “of undetermined etiology” (009.0 to 009.3), “Unspecified noninfectious AGE” (558.9), or “Diarrhea” (787.91), with a specific coded AGE diagnosis in any second field of the MBDS.

**£** Other known AGES found in the MBDS throughout the study period 2003-09: 2 small round viruses (008.64) and 1 calicivirus (008.65), both in children <5 years of age; also 5 enterovirus (coxackie, echovirus) (008.67), only one in a child <5 years of age, and 2 aerobacter aerogenes (008.2), one in a child <5 years of age. Norovirus (008.63), astrovirus (008.66), and intestinal parasites were not codified as a reason for hospital admission.

**¥** Diagnoses of localized salmonella infection (no AGEs) (003.21-00.324) were excluded.