

# Supplementary Table

**Table 1 Concomitant bacterial and viral pathogens in children with *Mycoplasma pneumoniae* pneumonia**

| Pathogens                                                      | Total<br>(1160 cases),<br>n (%) | SMPP<br>(264 cases),<br>n (%) | GMPP<br>(896 cases),<br>n (%) | <i>P</i><br>value |
|----------------------------------------------------------------|---------------------------------|-------------------------------|-------------------------------|-------------------|
| <i>M. pneumoniae</i> mono-infection                            | 844 (72.7)                      | 200 (75.7)                    | 644 (72.0)                    | 0.213             |
| <i>M. pneumoniae</i> with other pathogens                      | 316 (27.3)                      | 64 (24.3)                     | 252 (28.0)                    | 0.213             |
| Bacterial pathogens                                            |                                 |                               |                               |                   |
| <i>S. pneumoniae</i>                                           | 155 (13.3)                      | 30 (11.4)                     | 125 (14.1)                    | 0.278             |
| <i>H. influenzae</i>                                           | 72 (6.2)                        | 10 (3.8)                      | 62 (6.9)                      | 0.064             |
| <i>S. pneumoniae</i> + <i>H. influenzae</i>                    | 22 (1.9)                        | 3 (1.1)                       | 19 (2.1)                      | 0.442             |
| <i>K. pneumoniae</i>                                           | 6 (0.5)                         | 3 (1.1)                       | 3 (0.3)                       | n/a               |
| <i>A. baumannii</i>                                            | 4 (0.3)                         | 0                             | 4 (0.4)                       | n/a               |
| <i>S. aureus</i>                                               | 3 (0.2)                         | 0                             | 3 (0.3)                       | n/a               |
| <i>K. pneumoniae</i> + <i>A. baumannii</i>                     | 1 (0.1)                         | 1 (0.4)                       | 0                             | n/a               |
| <i>K. pneumoniae</i> + <i>A. baumannii</i> + <i>E. cloacae</i> | 1 (0.1)                         | 0                             | 1 (0.1)                       | n/a               |
| Total                                                          | 264 (22.6)                      | 47 (17.8)                     | 217 (24.2)                    | 0.092             |
| Viral pathogens                                                |                                 |                               |                               |                   |
| RSV                                                            | 7 (0.6)                         | 0                             | 7 (0.9)                       | 0.361             |
| RSV + ADV                                                      | 3 (0.2)                         | 1 (0.4)                       | 2 (0.2)                       | 0.540             |
| HRV                                                            | 8 (0.7)                         | 3 (1.1)                       | 5 (0.6)                       | 0.565             |
| HRV + ADV                                                      | 1 (0.1)                         | 0                             | 1 (0.1)                       | 1.0               |
| HRV + HMPV                                                     | 1 (0.1)                         | 1 (0.4)                       | 0                             | 0.228             |
| ADV                                                            | 5 (0.5)                         | 2 (0.7)                       | 3 (0.3)                       | 0.320             |
| IFA                                                            | 4 (0.3)                         | 2 (0.7)                       | 2 (0.2)                       | n/a               |
| HCoV                                                           | 3 (0.2)                         | 1 (0.4)                       | 2 (0.2)                       | n/a               |
| HBoV                                                           | 1 (0.1)                         | 0                             | 1 (0.1)                       | n/a               |
| HMPV                                                           | 1 (0.1)                         | 0                             | 1 (0.1)                       | n/a               |
| HPIV                                                           | 1 (0.1)                         | 0                             | 1 (0.1)                       | n/a               |
| ADV + HBoV                                                     | 2 (0.2)                         | 1 (0.4)                       | 1 (0.1)                       | n/a               |
| Total                                                          | 37 (3.2)                        | 11 (4.1)                      | 26 (2.9)                      | 0.304             |
| Viral/bacterial pathogens                                      |                                 |                               |                               |                   |
| <i>S. pneumoniae</i> + ADV                                     | 2 (0.2)                         | 1 (0.4)                       | 1 (0.1)                       | n/a               |
| <i>S. pneumoniae</i> + RSV                                     | 1 (0.1)                         | 0                             | 1 (0.1)                       | n/a               |
| <i>S. pneumoniae</i> + IFA                                     | 1 (0.1)                         | 1 (0.4)                       | 0                             | n/a               |

|                                                             |          |         |         |       |
|-------------------------------------------------------------|----------|---------|---------|-------|
| <i>S. pneumoniae</i> + IFB                                  | 1 (0.1)  | 1 (0.4) | 0       | n/a   |
| <i>S. pneumoniae</i> + HPIV                                 | 1 (0.1)  | 1 (0.4) | 0       | n/a   |
| <i>H. influenzae</i> + ADV                                  | 1 (0.1)  | 0       | 1 (0.1) | n/a   |
| <i>H. influenzae</i> + HMPV                                 | 2 (0.2)  | 1 (0.4) | 1 (0.1) | n/a   |
| <i>H. influenzae</i> + RSV                                  | 2 (0.2)  | 0       | 2 (0.2) | n/a   |
| <i>H. influenzae</i> + RSV + HMPV                           | 1 (0.1)  | 0       | 1 (0.1) | n/a   |
| <i>S. pneumoniae</i> +<br><i>H. influenzae</i> + IFA        | 1 (0.1)  | 0       | 1 (0.1) | n/a   |
| <i>S. pneumoniae</i> +<br><i>H. influenzae</i> + RSV        | 1 (0.1)  | 1 (0.4) | 0       | n/a   |
| <i>S. pneumoniae</i> + <i>H. influenzae</i><br>+ RSV + HMPV | 1 (0.1)  | 0       | 1 (0.1) | n/a   |
| Total                                                       | 15 (1.5) | 6 (2.4) | 9 (0.9) | 0.277 |

GMPP: General *M. pneumoniae* pneumonia; SMPP: Severe *M. pneumoniae* pneumonia; n/a: not analysed (small sample size)