Supplemental Table 1. The results of the systematic review in Japanese research console (Ichushi-Web)

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ref. | Area | N | Age | Sex,N | Preceding event,N | Durationsof fever | Durations of other symptoms | Antibiotics, N | Duration of antibiotics | Blood glucoselevel, mg/dL | free carnitine level, μmol/L |
| 1 | Japan | 1 | 1y6m | F | URI | N/A | 4 d | CDTR-PI, 1 | 11 d | 17 | 4 |
| 2 | Japan | 1 | 2y6m | F | OM | N/A | N/A | CDTR-PI/CFPN-PI, 1 | 16 d | 18 | 5.5 |
| 3 | Japan | 1 | 1y7m | F | N/A | N/A | N/A | TBPM-PI, 1 | 18 d | 15 | 5.1 |
| 4 | Japan | 1 | 1y3m | F | URI | N/A | N/A | CDTR-PI/CFPN-PI, 1 | 50 d | 12 | 9.6 |
| 5 | Japan | 1 | 2y1m | M | URI | 3 d | 14 d | CDTR-PI/CFPN-PI, 1 | 18 d | 12 | 0.73 |
| 6 | Japan | 1 | 1y | F | URI | N/A | N/A | CFPN-PI, 1 | 4 m | 12 | N/A |
| 7 | Japan | 1 | 1y | M | OM | N/A | N/A | TBPM-PI, 1 | 10 d | 7 | 15.9 |
| 8 | Japan | 1 | 1y3m | M | OM | N/A | N/A | CDTR-PI/TBPM-PI, 1 | 14 d | 25 | 2.5 |
| 9 | Japan | 1 | 1y2m | F | URI | N/A | N/A | CDTR-PI/CFPN-PI/CFTM-PI, 1 | 40 d | 20 | 9.0 |
| 10 | Japan | 1 | 3y0m | F | URI | N/A | >20 d | CDTR-PI/CFPN-PI, 1 | 22 d | 16 | 12.3 |
| 11 | Japan | 1 | 4y | M | URI | N/A | a few d | CDTR-PI/CFPN-PI, 1 | 52 d | 26 | 4.4 |
| 12 | Japan | 1 | 1y9m | M | OM | N/A | N/A | CDTR-PI, 1 | 10 d | 21 | 7.4 |
| 13 | Japan | 1 | 0y11m | M | URI, OM | N/A | 5 d | CDTR-PI/CFPN-PI, 1 | 27 d | 11 | 4.7 |
| 14 | Japan | 1 | 85y | F | bronchitis | 1 d | 1 d | CFPN-PI, 1 | 1 d | 42 | N/A |

Ref., Reference; y, year; m, month; M, male; F, female; URI, upper respiratory infection; AGE, acute gastroenteritis; LF, long fasting; AOM, acute otitis media; FMD, Fukuyama muscular dystrophy; d, day; CDTR-PI, cefditren pivoxil; CFPN-PI, cefcapene pivoxil; CFTM-PI, cefteram pivoxil; TBPM-PI; tebipenem-pivoxil

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