**SDC 1**. Findings at Each Study Visit of 17 Children Who Had AOM During a Viral Respiratory Illness.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| A = met AOM criteria  | b = bulging TM with purulent fluid f = middle ear effusion |  |  |  |  |  |
| P = office visit with primary physician | e = erythema of TM on day of study visit s = symptoms at or within 2 days prior to study visit |  |  |  |  |  |
| M = male, F = female |  | - = no middle ear effusion \* = antibiotic prescribed  |  |  |  |  |  |
| R = right TM, L = left TM | AV = adenovirus, RV = rhinovirus, CV = coronavirus, N = no virus detected |  |  |  |  |  |
| No. | Age (yr), Sex, Virus | BaselineR/L | Day of Illness |
| 1R/L | 2R/L | 3R/L | 4R/L | 5R/L | 6R/L | 7R/L | 8R/L | 9R/L | 10R/L | 11R/L | 12R/L | 13R/L | 14R/L | 15R/L | 16R/L |
| **Children who did not receive antibiotic** |  |
| 35 | 2.16, F, CV | -/- |  | -/- | -/- | f/-Ae | -/- | -/- | -/f |  |  |  |  |  |  |  |  |  |
| 25 | 3.17, F, RV | -/- |  | f/-Ae | f/-Aes | f/-Aes |  | f/-Aes |  | -/- | f/-Ae | f/-Ae |  |  |  |  |  |  |
| 28 | 3.0, F,N | -/- |  |  |  | -/- | -/fAs | -/- |  | -/- |  | -/- | -/- | P | f/- |  |  |  |
| 31 | 1.33, F, RV | -/f |  | -/f | -/- | -/- | -/- |  |  |  |  | f/-Aes | -/- |  |  |  |  |  |
| 36 | 3.25, M, RV | -/f |  | -/fAe |  |  | -/- | f/f | -/- | f/- | f/f | -/- |  |  |  |  |  |  |
| 7 | 3.33, M,RV | -/f |  |  |  | f/b Ae | f/bAe |  | f/bAe |  | -/bAe | f/b Ae | f/bAe | f/f Ae |  |  |  |  |
| 14 | 2.16, M, N | f/- |  |  |  | f/fAe | f/fAe |  |  |  |  | f/-Ae | f/-Ae | -/- | f/fAes | f/-Aes |  |  |
| 39 | 2.5, F, RV | f/- |  |  |  |  | f/fAs | f/- |  |  |  | -/- | -/- | -/- | -/- | -/- |  |  |
| 33 | 0.83, M,RV | f/- |  |  | b/-Aes | b/fAe | b/fAe |  |  |  |  |  | f/-Aes |  | f/-Aes |  |  | f/fAes |
| 15 | 3.0, M,RV | f/- |  |  |  |  | f/-Aes |  | -/- | f/-Ae | -/- |  |  |  |  |  | -/- | -/- |
| 8 | 1.25, M,N | f/f |  | f/fAes | f/fAes |  |  |  | f/fAe | f/fAe | f/fAes | f/fAes | f/fAes |  |  |  |  |  |
| 34 | 2.67, F,RV | f/f |  |  | f/fAs | -/fAs | f/fAes | -/fAes | f/fAes |  |  | -/fAs | f/fAs |  |  |  |  |  |
| 37 | 0.58, F,RV | f/f | f/f | -/fAes | -/fAes | f/fAes | f/bAe |  |  | b/b | b/bAs |  |  |  |  |  |  |  |
| **Children treated with antibiotic by primary physician** |
| 17 | 3.25, F, RV | -/- |  | P\* |  | f/-Aes | f/-Aes | f/-Aes |  | f/-Ae | f/- |  | f/- |  |  |  |  |  |
| 2 | 1.0, M,RV | -/- | -/- | -/- |  |  | -/- | b/b\*AesP |  | f/fAes | f/fAes |  |  | f/fAes |  |  |  | -/- |
| 23 | 0.58, F,AV | f/- |  | f/-As |  |  | f/- | f/fAe | f/fAe |  |  |  |  | f/fAes | f/fAes | b/f\*AesP |  |  |
| 10 | 2.58, F,N | f/f |  | f/fAes | b/fAesP | f/fAes | b/fAes | f/fAes |  | P\* |  |  |  | f/fAs | f/f |  |  |  |