**Supplement Table 3.** GRADE evidence profile summarizing the effects of probiotics vs. placebo on number of children with acute otitis media.

**Setting**: Day care center

| **Certainty assessment** | **№ of patients** | **Effect** | **Certainty** | **Importance** |
| --- | --- | --- | --- | --- |
| **№ of studies** | **Study design** | **Risk of bias** | **Inconsistency** | **Indirectness** | **Imprecision** | **Other considerations** | **probiotics** | **placebo** | **Relative(95% CI)** | **Absolute(95% CI)** |
| children with otitis |
| 4  | randomised trials  | not serious  | not serious  | not serious  | serious a | none  | 146/638 (22.9%)  | 178/651 (27.3%)  | **RR 0.85**(0.67 to 1.06)  | **41 fewer per 1,000**(from 16 more to 90 fewer)  | ⨁⨁⨁◯MODERATE  | IMPORTANT  |
| children with otitis - LGG |
| 2  | randomised trials  | not serious  | not serious  | not serious  | serious a | none  | 88/391 (22.5%)  | 120/403 (29.8%)  | **RR 0.71**(0.46 to 1.11)  | **86 fewer per 1,000**(from 33 more to 161 fewer)  | ⨁⨁⨁◯MODERATE  | IMPORTANT  |
| children with otitis - BB12 |
| 1  | randomised trials  | not serious  | not serious  | not serious  | serious a | none  | 15/104 (14.4%)  | 18/106 (17.0%)  | **RR 0.85**(0.45 to 1.59)  | **25 fewer per 1,000**(from 93 fewer to 100 more)  | ⨁⨁⨁◯MODERATE  | IMPORTANT  |
| children with otitis - BB12+LGG |
| 1  | randomised trials  | not serious  | not serious  | not serious  | serious b | none  | 43/143 (30.1%)  | 40/142 (28.2%)  | **RR 1.07**(0.74 to 1.53)  | **20 more per 1,000**(from 73 fewer to 149 more)  | ⨁⨁⨁◯MODERATE  | IMPORTANT  |

**CI:** Confidence interval; **RR:** Risk ratio; **MD:** Mean difference

#### Explanations

a. Due to difference in reporting outcome other study/studies could not be analyzed

b. Only one RCT