

**TABLE 2.****Question:** Should high-dose vitamin A supplementation versus low-dose vitamin A supplements be used in children with severe acute malnutrition?**Settings:** Hospital

| Number of studies                                        | Quality assessment |                        |                          |                                      |                        |                      | Number (%) of patients          |                                | Effect                 |                                             | Quality       | Importance |
|----------------------------------------------------------|--------------------|------------------------|--------------------------|--------------------------------------|------------------------|----------------------|---------------------------------|--------------------------------|------------------------|---------------------------------------------|---------------|------------|
|                                                          | Design             | Risk of bias           | Inconsistency            | Indirectness                         | Imprecision            | Other considerations | High-dose vitamin A supplements | Low-dose vitamin A supplements | Relative (95% CI)      | Absolute                                    |               |            |
| Mortality                                                |                    |                        |                          |                                      |                        |                      |                                 |                                |                        |                                             |               |            |
| 3                                                        | Randomized trials  | Serious <sup>a</sup>   | No serious inconsistency | No serious indirectness <sup>a</sup> | Serious <sup>a</sup>   | None                 | 86/1034 (8.3)                   | 92/1038 (8.9)                  | RR 1.11 (0.84 to 1.47) | 10 more per 1000 (from 14 fewer to 42 more) | ++<br>LOW     | CRITICAL   |
| Diarrhoea (duration in days)                             |                    |                        |                          |                                      |                        |                      |                                 |                                |                        |                                             |               |            |
| 3                                                        | Randomized trials  | Serious <sup>b,c</sup> | No serious inconsistency | Serious <sup>a,b,c</sup>             | Serious <sup>a,c</sup> | None                 | –                               | –                              | Not pooled             | Not pooled                                  | +<br>VERY LOW | CRITICAL   |
| Incidence of lower respiratory infections - not reported |                    |                        |                          |                                      |                        |                      |                                 |                                |                        |                                             |               |            |
| 2                                                        | –                  | – <sup>d</sup>         | –                        | – <sup>f</sup>                       | – <sup>e</sup>         | None                 | –                               | –                              | –                      | –                                           | +<br>VERY LOW | CRITICAL   |

CI: confidence interval; RR: risk ratio.

<sup>a</sup> Different criteria were used to define the degree of malnutrition in the study populations and different durations of vitamin A supplementation were used in the trials.<sup>b</sup> Only two investigators have contributed data.<sup>c</sup> The authors used different classifications of type of diarrhoea and did not provide data according to a pre-specified definition. Details of the use of reported data are described in the narrative<sup>d</sup> Only one investigator contributed data (2 trials) to this outcome.<sup>e</sup> The author used different definitions of lower respiratory tract infections outcomes in the two studies.<sup>f</sup> The number of cases is not reported; the authors simply state in the articles that there are non-significant differences between the groups.