

## **The immunomodulatory effects of vitamin D drops in children with recurrent respiratory tract infections (RRTIs)**

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- In this study, 119 children with RRTI were divided into Group A (n=59, receiving routine treatment) and Group B (n=60, receiving Vitamin D drops).
- The total effective rate of treatment in Group B was 96.67%, which was significantly higher than 71.19% in Group A.
- Children in Group B had shorter time to disappearance of lung rales, cough, and fever than Group A.
- Group B had higher IgA, IgG, and IgM levels; higher CD4+, CD3+ levels; higher 25-(OH)D3, serum interferon levels; lower CD8+ levels; and fewer respiratory infections after treatment than Group A.

**Vitamin D drops are effective in the treatment of children with recurrent respiratory tract infections, which is beneficial to the improvement of clinical symptoms and immune function.**