



MEDICAL TIPS

AZIBEST TABLETS

Issue VI, No. 22, 2022

Azithromycin for Poorly Controlled Asthma in Children: A Randomized Controlled Trial

Ghimire JJ et al. *Chest* 2022; S0012-3692(22): 00293-00298.

- Azithromycin has immunomodulatory effects and its beneficial effects have been demonstrated in asthmatic adults, however, the data on children is limited.
- A randomized controlled trial including 120 children with poorly controlled asthma defined by Asthma Control Test (ACT) and Childhood Asthma Control Test (CACT) score of ≤ 19 , were randomized to receive 10mg/kg azithromycin three times a week along with the standard treatment, or standard treatment alone.
- The number of children with well controlled asthma defined by the ACT and the CACT score was 41 out of 56 in the azithromycin group and 10 out of 56 in placebo.
- Also, the number of exacerbations requiring emergency visit and steroid use were fewer in the azithromycin group as compared to the placebo.

The use of azithromycin in children with poorly controlled asthma resulted in improved asthma control and reduced exacerbations

