

# Analysis of the impact of infant obesity on the treatment and prognosis of capillary bronchitis

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## Abstract

**Abstract:** Objective To investigate the efficacy and prognosis of obesity in the treatment of children with capillary bronchitis. **Methods:** A retrospective analysis of the clinical data of 200 children with capillary bronchitis hospitalized in our hospital from January 2015 to January 2016 was performed. **Results:** After nebulization treatment, the total effective rate was significantly higher in the normal weight group than in the obese group (93.3% vs 65.5% significantly effective rate was higher in the normal weight group than in the obese group (53.3% vs 36% the normal weight group had a significantly shorter duration of coughing, wheezing and croup than those in the obese group, and the difference was statistically significant ( $p < 0.05$ ). In the normal weight group, the proportions of recurrent wheezing episodes and confirmed asthma were significantly lower than those in the obese group, among which the proportions of wheezing episodes  $>1$ , wheezing episodes  $>3$  and confirmed asthma were significantly different ( $p < 0.05$ ). The results of univariate and logistic regression analyses showed that obesity may be a risk factor for the development of asthma in children with capillary bronchitis. **Conclusion** Obesity has a negative impact on the treatment and prognosis of children with capillary bronchitis and significantly increases the chance of developing asthma in the future, suggesting a new direction for the future treatment of capillary bronchitis that deserves attention.

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