

Effect of Inhalation Budesonide Combined with Ceftriaxone in the Treatment of Acute Otitis Media Secondary to Acute Upper Respiratory Tract Infection in Children

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SUMMARY. This investigation was performed to observe the therapeutic effect of budesonide combined with ceftriaxone on acute otitis media (AOM) in children. Total of 136 children with AOM were randomly divided into an experimental group and a control group. 63 cases in the experimental group were treated with budesonide and ceftriaxone, and 63 cases in the control group were treated with ceftriaxone. Clinical effects of the two groups were compared. The total effective rate of the experimental group was significantly higher than that of the control group. The negative conversion rate of pathogenic bacteria, improvement of middle ear disorders, and effective rate in the experimental group were significantly higher than those in the control group. The incidence of adverse reactions in the experimental group had no significance over that in the control group. Budesonide combined with ceftriaxone treatment is effective for patients with AOM secondary to acute upper respiratory tract infection.

RESUMEN. Esta investigación se realizó para observar el efecto terapéutico de budesonida combinada con ceftriaxona en la otitis media aguda (OMA) en niños. Un total de 136 niños con OMA se dividieron aleatoriamente en un grupo experimental y un grupo de control. 63 casos en el grupo experimental fueron tratados con budesonida y ceftriaxona, y 63 casos en el grupo control fueron tratados con ceftriaxona. Se compararon los efectos clínicos de los dos grupos. La tasa efectiva total del grupo experimental fue significativamente mayor que la del grupo de control. La tasa de conversión negativa de bacterias patógenas, la mejora de los trastornos del oído medio y la tasa efectiva en el grupo experimental fueron significativamente más altas que las del grupo de control. La incidencia de reacciones adversas en el grupo experimental no fue significativa sobre la del grupo de control. El tratamiento con budesonida combinado con ceftriaxona es efectivo para pacientes con OMA secundaria a infección aguda del tracto respiratorio superior.

KEY WORDS: acute otitis media, budesonide, ceftriaxone; efficacy.

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