Efficiency of thymosin combined with antibiotics for acute stage of chronic bronchitis in elderly patients

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View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: To evaluate the efficiency and safety of thymosin combing with antibiotics for acute stage of chronic bronchitis in elderly patients. Methods: Elderly patients with acute stage of chronic bronchitis were randomly divided into treatment group (40 patients) and control group (40 patients). Both groups were given conventional anti-infective, resolving phlegm, inhibiting cough, and other symptomatic therapy. While the treatment group was also given intravenous drip of thymosin 60mg/d, once per day, and 7 to 10 days made a course of treatment. Results: In the treatment group, 67.5% patients showed obvious improvements, 30.0% (12) showed improvement, and 2.5% (1) showed no response. The corresponding number for the control group was 27.5% (11), 45.0% (18), 27.5% (11). The total effective rate of the treatment group was 97.5%, significant higher than the 72.5% of the control group. Conclusions: Thymosin combing with antibiotics shows affirmative effects on chronic bronchitis.

[KEY WORDS] Thymosin; Chronic bronchitis; Acute period; elderly