

## **Fensusnkal in the Treatment of Ophtalmodemodectosis**

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There were information on connection of inflammatory and allergic diseases of eyes with demodectosis in the literature. Ophtalmodemodectosis in 39-45% cases proceeds in the form of blepharoconjunctivitis.

**Aim of the work:** to study the efficiency of preparation Fensusnkal at the treatment of blepharoconjunctivitis of demodectosis aetiologies.

**Materials and methods.** Employees of the clinic of eye illnesses of Tashkent Medical Academy tested at 78 patients (156 eyes) new non-steroid anti-inflammatory preparation Fensusnkal - 0,5% eye ointment: Potassium salt 2-phenyl, 2-2-sodium sulfonate acetic acid. Efficiency of the preparation Fensusnkal in clinical researches estimated in comparison with 0,5 % eye ointment of hydrocortisone at 70 patients (140 eyes). Demodex mites in the quantity of 8 to 12 pieces are revealed at 100% of patients. Laboratory researches on Demodectosis were made in Scientific-Research Institute of Dermatology & Venerology of the Republic of Uzbekistan. Level of antibodies A, M, G, E in a plaintive liquid is defined by a method radial immunodiffusion on Manchini (1965). Control group consisted of 20 practically healthy persons.

**Results.** Complex treatment of an eye demodectosis with preparation application «Fensusnkal» allows to stop quickly inflammatory process in meibomian glands, caused by the mite, to reduce treatment terms to 5-10 days. In 35,9 % of cases the disease symptoms are completely disappeared, in 59 % of cases the condition of eyes are considerably improved. Reduction of clinical displays in the course of treatment correlates with indicators of akarogram and immunogram. The invasiveness by Demodectosis after treatment has decreased on the average in 3,7 times in the basic group, and in comparison group - in 2,3 times; there are decreases in levels IgG and IgM which have been initially increased to 50,0%, reaching a level of control indicators.

**Conclusions.** Clinical immunological and parasitologic researches certify the efficiency of preparation Fensusnkal at the treatment of patients with ophtalmodemodectosis.