

# MODERN PHARMACOTHERAPY FOR NONALLERGIC RHINITIS

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**Introduction.** Today the problem nonallergic rhinitis is relevant. According to epidemiological studies worldwide nonallergic rhinitis affects about 450 million people. Nonallergic rhinitis is not-IgE-mediated disease with chronic nasal symptoms such as nasal congestion, rhinorrhea, sneezing. According to the International Classification (WHO, 1994) nonallergic rhinitis is divided into infectious; vasomotor; drug-induced; occupational; hormonal; gustatory; nonallergic rhinitis with eosinophilic syndrome.

**Aim.** The study of modern pharmacotherapy nonallergic rhinitis according to current standards of care for patients with nonallergic rhinitis.

**Materials and methods.** The analysis of contemporary foreign literature on aspects of pharmacotherapy nonallergic rhinitis, standards of care for patients with rhinitis.

**Results and discussion.** For pharmacotherapy nonallergic rhinitis group of drugs used are nasal anticholinergics, nasal steroids, nasal sympathomimetics and systemic antihistamines. Among nasal corticosteroids are widely used beclomethasone dipropionate, budesonide, fluticasone propionate, mometasone, fluticasone furoate. Among the nasal anticholinergic agents according to foreign sources recommend nasal ipratropium bromide. Among the designated nasal sympathomimetic is oxymetazoline, xilometazoline, nafazoline, tramazoline, tetrazyoline. Among the topical antihistamine azelastine used. Systemic antihistamines such as loratadine, dezloratadine, cetirizine, levocetirizine are used. The choice of drugs for pharmacotherapy depends on the type nonallergic rhinitis. For vasomotor rhinitis, drugs of choice are nasal anticholinergic and sympathomimetic drugs. For pharmacotherapy nonallergic rhinitis with eosinophilic syndrome, nasal corticosteroids and nasal sympathomimetic are recommend. The nasal corticosteroids, antihistamines, nasal anticholinergic and sympathomimetic drugs prescribed hormonal rhinitis. For the treatment of rhinitis occupational shows nasal corticosteroids and nasal antihistamines. Treatment of drug-induced rhinitis nasal corticosteroids is carried out, and the gustatory rhinitis used nasal anticholinergic drugs.

**Conclusions.** Having analyzed the current foreign and domestic sources revealed that drug therapy used nonallergic rhinitis nasal anticholinergics, nasal steroids, nasal sympathomimetics, antihistamines.