

## HERBAL REMEDIES OF EXTERNAL APPLICATION TO PSORIASIS TREATMENT

Selezneva A. G., Kuzema K. O.

National University of Pharmacy, Kharkiv, Ukraine

madwomen.95@mail.ru

**Introduction.** Nowadays psoriasis, which should be regarded as a system process is one of the most common dermatoses. According to the leading dermatologists' opinion, this disease affects about 2% of the world population. Psoriasis has a multifactorial nature. In its pathogenesis an important role plays some certain immunological, enzymatic and other biochemical disorders in the organism. Unfortunately, the modern medicine does not have the means to achieve a definitive cure of this disease. Therefore, in the foreground there is a symptomatic therapy. The amount of remedies for an external treatment includes some remedies that contain salicylic acid, tar preparations, vitamin A, and corticosteroid creams and ointments as well as products based on natural raw materials.

**The aim** of this researchwork was to study the amount of herbal remedies for an external use for the treatment of psoriasis.

**Results and discussion.** The company "German Homeopathic Union (DHU)" has developed the original homeopathic herbal remedy Psoriaten, the main active ingredient of which is a 10% matrix tincture of the plant *Mahonia aquifolium*. It is found out that due to the alkaloid berberine and its derivatives yatrорitsine, palmatine and colimbamine, there is an anti-inflammatory and anti-proliferative effect of "Psoriaten". According to the local researchers, a positive clinical effect of using an ointment "Psoriaten" has been obtained in 67 – 89% of the patients with psoriasis.

Also, we can apply some herbal remedies "Kamagel" for the treatment of psoriasis. The main components of this product are: aluminum atsetotartrata 10% solution, chamomile flower extract glycol. The aluminum atsetotartrat acts locally as a mild astringent remedy and antiseptic. At the area of application it causes coagulation of proteins, which forms a protective layer on the skin and reduce the capillary permeability and exudation, inflammation and infection. Essential oil of chamomile and flavones, which are contained in an chamomile extract, also reduce inflammation and act as a mild antiseptic.

**Conclusions.** Numerous drugs are designed to stimulate the body's natural defense system and promote the natural recovery process. Positive qualities of homeopathic remedies are that they are nontoxic, do not cause allergic reactions and adverse side effects. The analysis of anti-psoriatic herbal remedies has shown a limited choice in the pharmaceutical market for the patients with this disease and the necessity of searching some new herbal remedies with an anti-psoriatic action.