

39. TOPICAL PREPARATIONS USED IN THE TREATMENT OF PSORIASIS

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Introduction. Psoriasis is a condition of the immune system that is manifested by the rapid growth of new cells in the skin. Immune cells release defective signals that cause the formation of new skin cells in just a few days, instead of weeks, as normal, so the body does not have the ability to integrate excess cells, and they accumulate on the surface of the skin and form lesions. In the Republic of Moldova, psoriasis accounts for about 4-6% of all skin conditions.

Aim of study. Study and analysis of national and international bibliographic sources regarding the treatment of psoriasis as well as documentation of the assortment of topical pharmaceutical forms prepared in the University Pharmaceutical Center "Vasile Procopisin".

Methods and materials. Analysis and study of the magistral prescription of common topical pharmaceutical forms in the treatment of psoriasis in the University Pharmaceutical Center "Vasile Procopisin".

Results. Psoriasis is a disease that requires a complex approach. In fact, it is so complex that scientists are still studying what happens when a patient faces this condition. It is known that the immune system and genes play a key role, by studying them, the researchers found that in the case of psoriasis, T cells (a type of white blood cell that fights bacteria and viruses) trigger an incorrect reaction in skin cells. The treatment in case of psoriasis is a complex one, both systemic and topical, involving the use of corticosteroids, keratolytic agents, vitamin D analogues, topical retinoids and, in severe cases, antimetabolic, immunomodulatory medication, etc. In addition to conventional pharmacological therapies, other forms of therapy may be used, such as UV therapy, stress management, therapeutic use of climatic factors, and more. Mild cases can be alleviated with the use of ointments and moisturizers. When the area covered by the lesions is less than 5% of the total body surface, the specialists indicate prescriptions for the use of pharmaceuticals with local action. Therefore, in the University Pharmaceutical Center "Vasile Procopişin" in the Republic of Moldova according to medical prescriptions, soft pharmaceutical forms containing salicylic acid and sulfo-salicylic acid of 1-5% are prepared, sometimes in combination with corticosteroids frequently used in the treatment of mild forms of psoriasis.

Conclusion. Psoriasis is a chronic skin disease that can be successfully treated with special medical treatments. The study demonstrated the effectiveness of topical pharmaceutical forms prepared in the pharmacy according to medical prescriptions. In the Vasile Procopisin University Center, the most used prescriptions were selected and analyzed in the treatment of psoriasis in order to optimize their preparation technology.