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MAGISTRAL PREPARATION FOR TREATMENT OF PSORIASIS AND ECZEMA WITH ICHTIOL AS ACTIVE INGREDIENT

Teodora Marinova

Ramus Laboratory, Strumica, North Macedonia

Marjan Dzevaroski

Faculty of medical sciences, University Goce Delcev, Stip, North Macedonia

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Abstract

The manufacturing of magistral and galenic medicines in a pharmacy should be carried out in accordance with the applicable regulations and defined conditions, so that the patient undoubtedly receives a medicine of proper quality, regardless of the place of manufacture. They have an undeniable importance in pharmaceutical and clinical practice, especially in the treatment of dermatological diseases, and have been the pharmaceutical preparations of first choice for centuries.

Ichthyol, used since the 19th century to treat psoriasis, eczema, ulcers, seborrheic dermatitis, and boils, is still an effective topical agent. It is commonly formulated in the form of hydrophobic ointments, which form an occlusive layer and offer deep rehydration, or suspensions, for easier application, which can be formulated with a variety of pharmaceutical-technological procedures. The main goal is to obtain a galenic preparation with rheological properties that allow easy application, rapid absorption, homogeneous distribution of the active substance, adapted according to the pathophysiology of the desired site of administration, by the application of excipients that do not cause local irritation and other side effects. Achieving these goals requires professional approach for the selection of excipients, their ratio, preparation procedure, critical consideration of parameters, and analytical methods for quality control.

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