

## Modern industrial pharmaceutical forms used in dermatological practice in the Republic of Moldova

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### Introduction

Statistical data show that skin pathology is quite common in the world, with an estimated incidence of 250 million cases per year. Skin diseases and infections in this segment can severely affect both the vital prognosis, as, for example, in the case of autoimmune pemphigus, and the functional prognosis, by affecting the quality of life reported in many dermatoses. The idea that "common things happen frequently" is a true finding in dermatology - a huge chapter, embracing more than 2,000 different conditions. It is estimated that approximately 70% of a dermatologist's work is caused by only nine types of skin disorders: malignant skin tumors, acne, atopic dermatitis, psoriasis, viral warts, infectious skin diseases, benign tumors and vascular lesions, leg ulcers, contact dermatitis and other eczemas. In the United States, almost half of all dermatologist visits are for one of these three diagnoses: acne, warts, and skin tumors. Whatever the cause, skin diseases should not be ignored, as they can worsen and have a negative impact on the quality of life.

### Purpose

Purpose of the study is evaluation of pharmaceutical forms and modern preparations used in the specific treatment of skin diseases based on bibliographic analysis, practice of those registered in the State Nomenclature of the Republic of Moldova, according to ATC classification, dose, division, country and industrial enterprise, shelf life, cost, etc.

### Keywords

Pharmaceutical forms, dermatology diseases, preparations, dose, accessibility

### Conclusions

The share of preparations used in dermatological practice in the Republic of Moldova was 4.82%, presents in 18 various industrials pharmaceutical forms, of which pharmaceutical forms for external use accounted for over 80%. Most preparations registered and used in dermatological practice in the Republic of Moldova were of local origin, which being qualitative were also the most accessible.

### Material and methods

The materials from the specialized literature, clinic and the State Nomenclature of the Republic of Moldova, the results of the systemic analysis of producers and production in this segment of drugs, prices for manufactured drugs, the shelf life declared by the manufacturer, etc. The methodology of scientific research was developed based on the publications of local authors, using the methods: analytics, descriptive statistics, comparison, price analysis, etc.

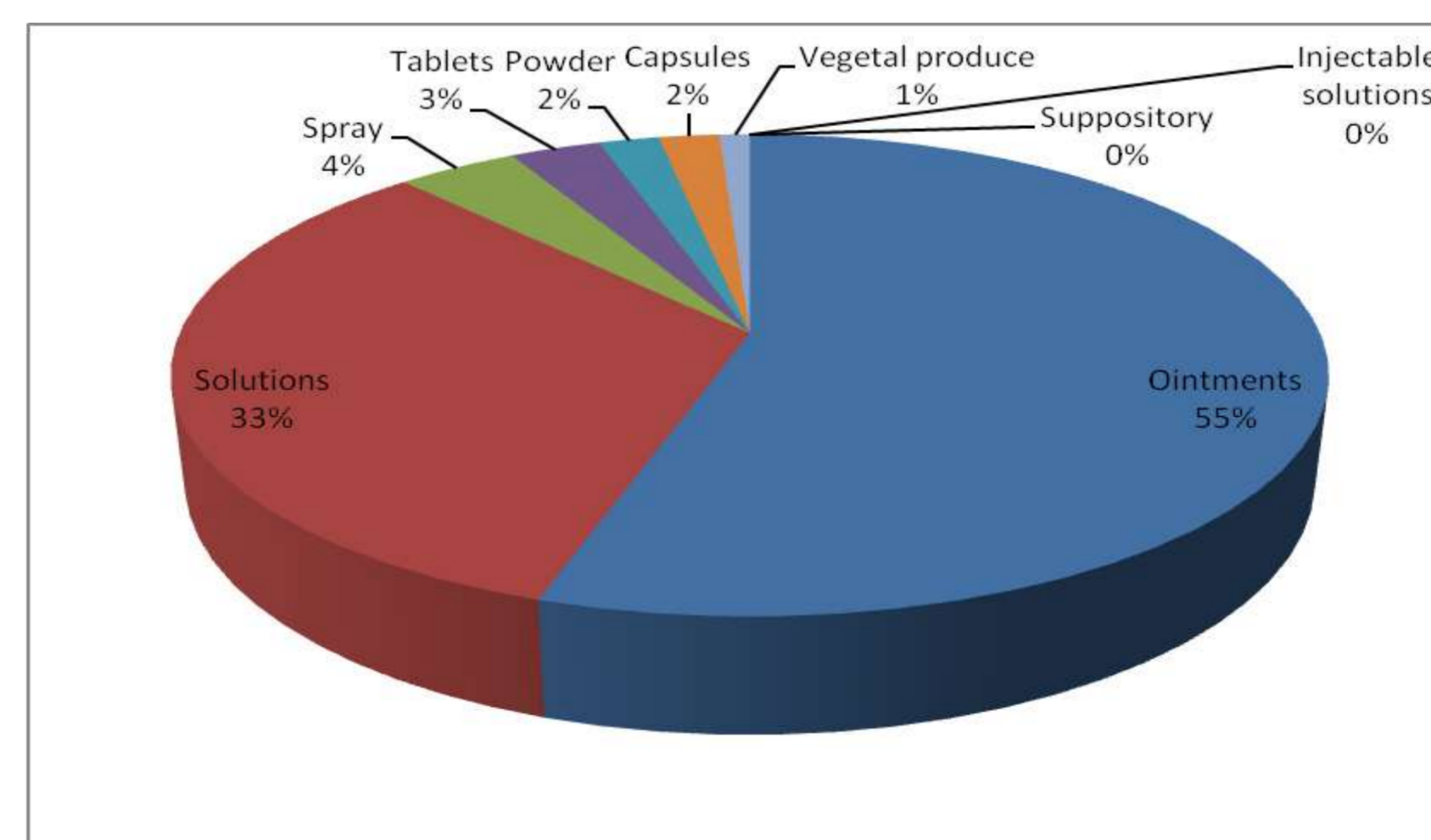


Figure 2. The distribution of industrial pharmaceutical forms used in dermatological practice in the Republic of Moldova

### Results

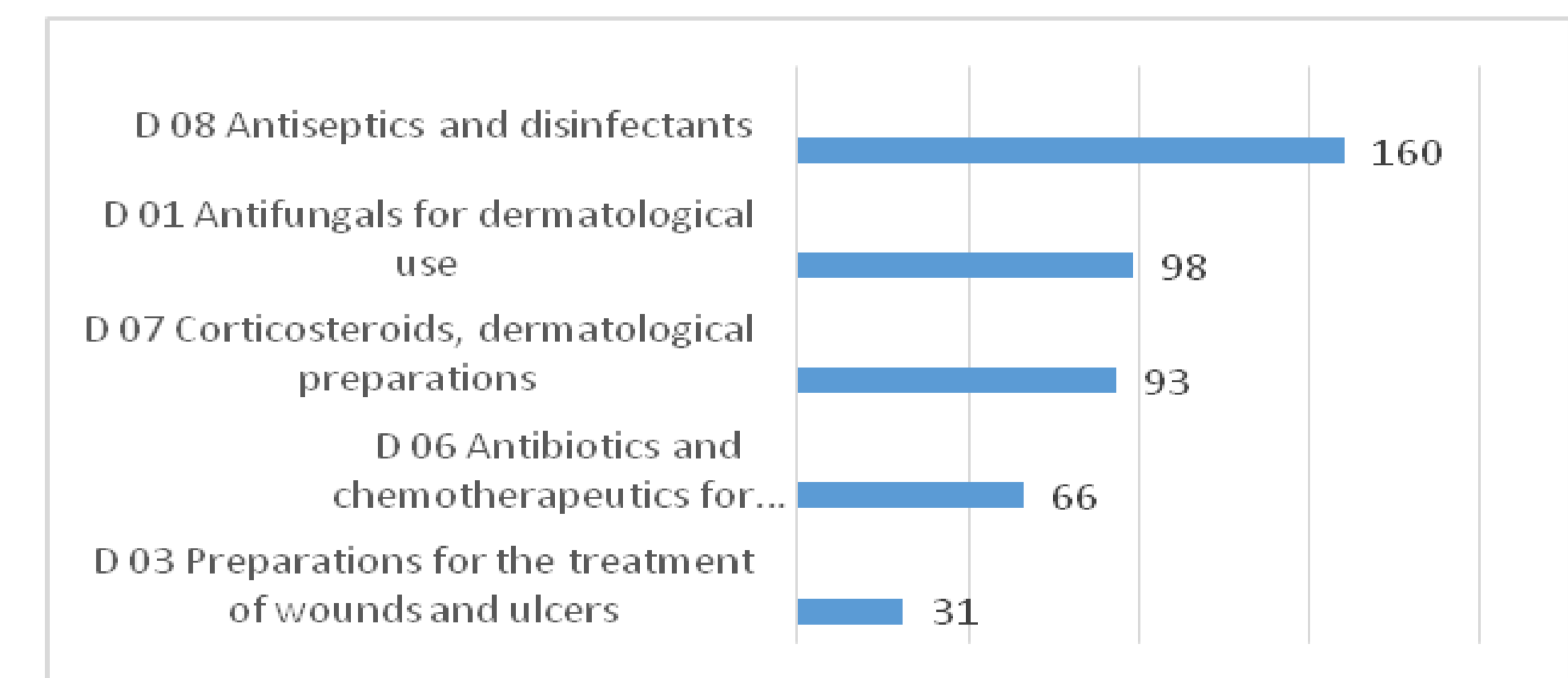


Figure 1. Preparation used in dermatological practice registered in the Republic of Moldova, according to ATC

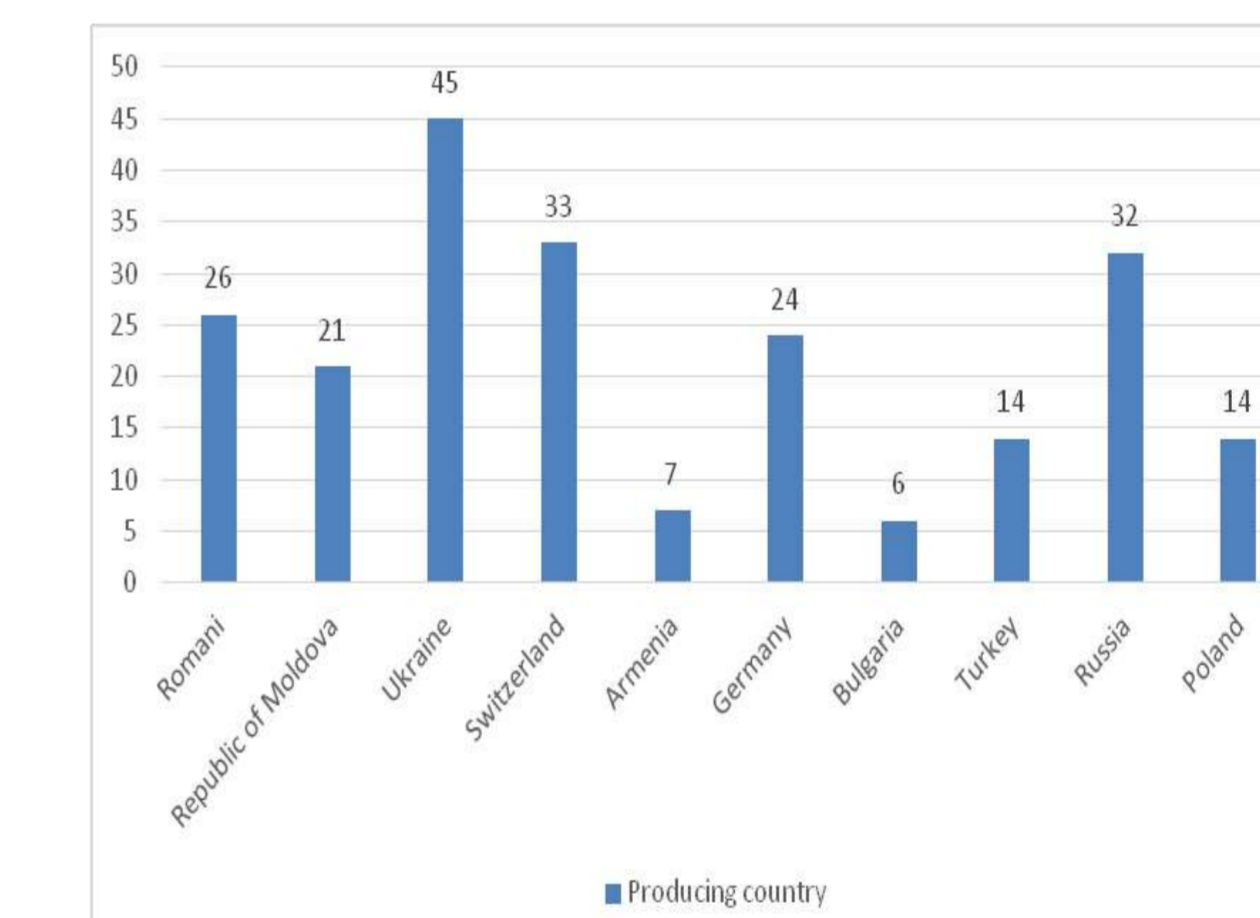


Figure 3. Top 10 producing countries with the largest number of dermatological preparations and their industrial pharmaceutical forms registered in the Republic of Moldova.

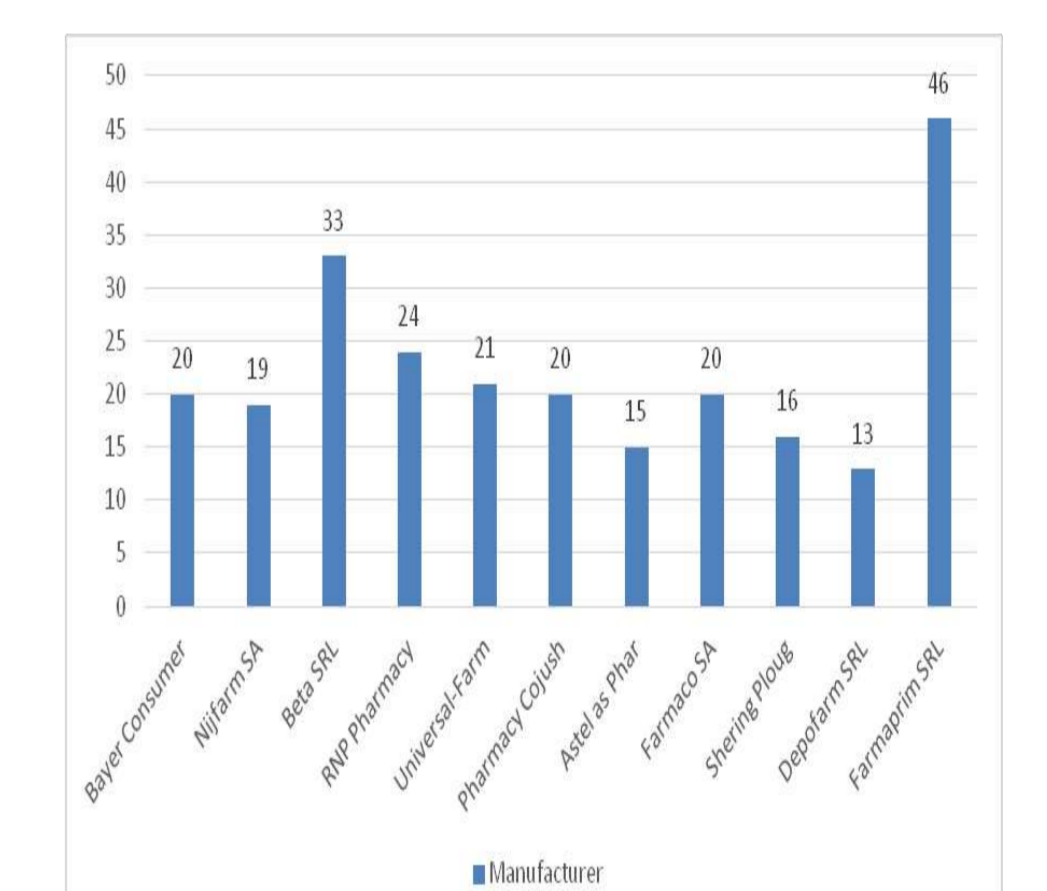


Figure 4. Top 10 enterprises for the production of dermatological drugs with the largest number of preparations registered in the Republic of Moldova.

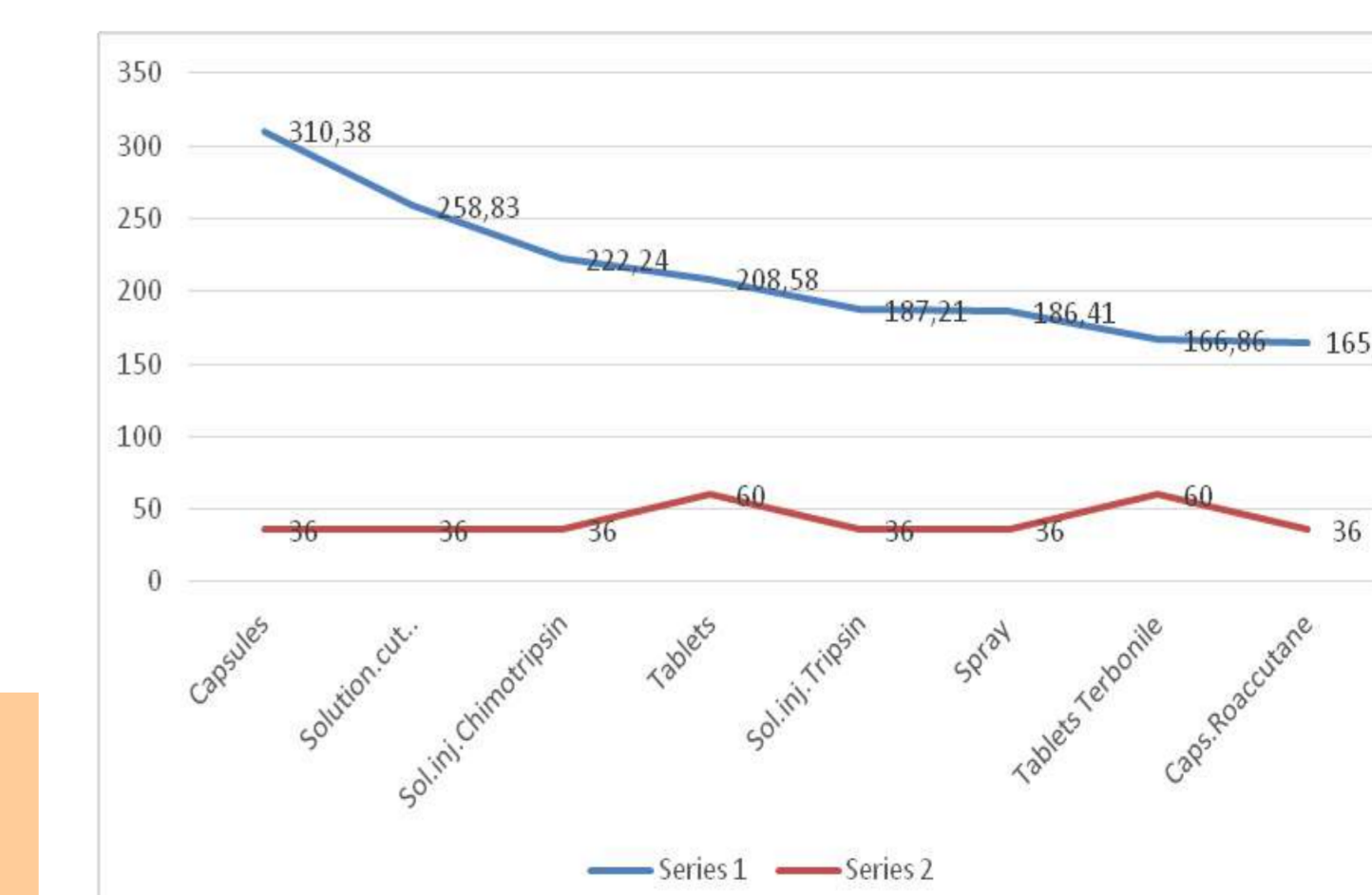


Figure 6. Estimation of preparations used in dermatological practice according to the manufacturer's price registered in the Republic of Moldova

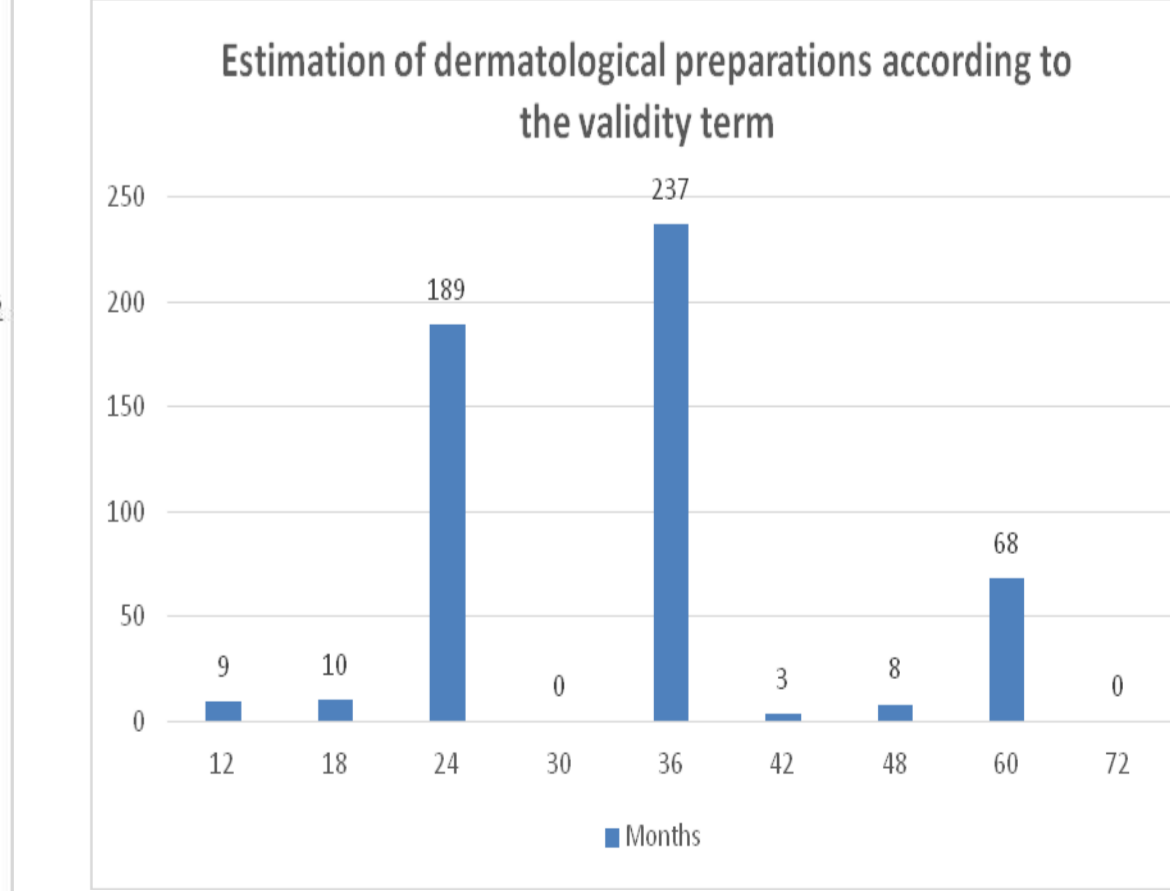


Figure 5. Shelf life as a parameter of the quality of preparations used in dermatological practice, registered in the Republic of Moldova.