



**A REVIEW ON DRUG UTILIZATION PATTERN OF COMMON SKIN DISEASES IN A  
DEPARTMENT OF DERMATOLOGY**

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**ABSTRACT**

The study of skin disease is of greater importance due to the higher prevalence of various skin diseases all over the world. Skin diseases affects all age groups and also of the quality of life of the patients. Due to the increased number of skin diseases, it is important to perform the prescription evaluation of drugs to improve the therapeutic efficacy and to decrease adverse effects associated with drugs. The objective of study was to assess the prescribing pattern of drugs. To promote the rational use of drugs, assessment of prescribing pattern is one of the important tool. In this study, by the analysis of prescribing pattern of drugs it was observed that most of the prescription contains corticosteroids and antibiotics.

**KEYWORDS:** Drug Utilization, Skin Disease, Prescription.

**INTRODUCTION**

Drug utilization is the ongoing review of prescribing, dispensing and use of medicine. A study in drug utilization pattern helps in the identification of problems associated with the rational prescription of medicine. It also helps to identify the current trends in the prescribing pattern. For the promotion of rational use of drug the assessment of drug utilization is important.

Skin disorders have serious impact on quality of life of the patients. since skin diseases can affect the population of all age groups, drug utilization becomes an important tool in the enhancement of the treatment efficacy, management of adverse effects, providing a suitable economic alternative and to give suitable feedback to the clinician.

In India there are various problems associated with the prescription pattern which include overuse of medicines, overuse of multivitamins, unnecessary use of antibiotics which results in anti microbial resistance. So continuous monitoring is required to detect the changes from the contemporary practice or guidelines.

**Dermatology**

Dermatology is a branch of medicine which deals with the diagnosis and treatment of disorders associated with skin. skin diseases are a global disease burden. It can affect physical, psychological and social aspects of a patient's life. Skin diseases include common skin rashes to severe skin infections, which occurs due to variety of reasons which include allergens, heat, system disorders

and other medications. Most common skin disorders are dermatitis. others condition include acne, eczema, psoriasis, pruritus. A proper treatment is important for the cure and control of the disease and common groups of drugs include corticosteroids, antifungals, antibiotics and antihistamines.

**Drug Use Pattern in Dermatology**

Dermatologic disease perception and treatment expectations vary greatly among ethnic and age groups. Based on the disease, symptoms and severity can be temporary or permanent, and may be painful or painless. The main of use of drugs in dermatology is to reduce the symptoms.

From the drugs prescribed, steroids were commonly used followed by antibiotics. Steroids are extremely useful in the treatment of skin disorders because of their anti inflammatory, immunosuppressive effects and also anti proliferative effect. The drug use pattern indicated that topical drugs found the greater part of treatment plan compared to systemic drugs.

**CONCLUSION**

In this review drug utilization pattern of drugs prescribed in the dermatology department was studied. It was found that the common skin diseases encountered in the study population was psoriasis and dermatitis. There is a clear need to enhance proper prescribing pattern of drugs and to promote rational prescribing. Most of the patients suffering from the skin diseases were prescribed with antibiotics and corticosteroids.

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