

Efficacy of Collagen and Glycerine Based Lotion in Treating Diabetic Skin Disorders in Wound Care Clinic, Hospital Putrajaya

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Introduction

Diabetes is the fastest growing long-term (chronic) disease, affecting millions of people across the globe.

Diabetes can affect every part of the body, including the skin. In fact, such problems are sometimes the first sign that a person has diabetes.

Examples of these conditions include bacterial infections, fungal infections, and itching. However, people with diabetes also are more prone to getting certain conditions.

These include diabetic dermopathy, necrobiosis lipoidica diabetorum, and eruptive xanthomatosis.

Therefore, these skin disorders have to be managed well to prevent further complications such as infection and etc.

A total of 18 cases with skin changes or disorders were chosen.

Methodology

Random 18 diabetic patients were chosen and given the collagen and glycerine based lotion to be applied daily on the legs.

The patients were taught the proper technique to apply two drops of the lotion on each leg daily and they were given specific appointments to assess their skin changes.

These cases included trophic changes, wrinkling, hyperpigmentation, dry skin and other diabetic dermopathic changes.

Changes were noted and digital photographs were taken.

Results

All the 18 cases of diabetic skin problem showed remarkable improvement within 3-8 weeks.

The use of the collagen and glycerine based lotion reduced inflammation and infection due to the bacteriostatic and fungistatic properties.

The skin was much more moist and wrinkles skin was much improved. The hyperpigmented skin improved as shown by the photographs above.

Conclusion

The collagen and glycerine based lotion is effective in the management of Diabetes skin problems.

The lotion helps to exact changes in the skin by moisturizing the skin with the glycerine, clearing wrinkles and rejuvenating the skin environment with the help of the modified collagen.

A bactericidal effect was noted in all patients, preventing inflammation and infection.

Patients did not show any discomfort and found it easy to use.

References

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