



ACNE, ROSACEA, AND RELATED DISORDERS (INCLUDING HIDRADENITIS SUPPURATIVA)

DAPSONE GEL(7.5%) IN MILD TO MODERATE ACNE VULGARIS PATIENT.

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Introduction: Acne vulgaris is a very common problem in teen age group boys and girls. Many topical and systemic drugs are available for Acne vulgaris patient with unsatisfactory result and systemic side effects. The potential of oral Dapsone to treat acne vulgaris is well established but the rise of serious side effects. Topical Dapsone gel (7.5%) has beneficial effect on Acne vulgaris by its anti inflammatory and antibiotic property with minimum side effects.

Method: Cross sectional study was done among Acne vulgaris patients of lakshmipur sadar Hospital out patient Department (OPD) from October 2018 to December 2018. Patient categorized as mild and moderate by following the global acne grading systems. Age of patient was 13 to 19 years. After taking consent, patient was instructed to wash the hand before and after apply dapsone gel at night. Gently clean the affected skin with warm water and dry. Apply a small amount of medication in a thin layer to the affected area daily. Rub gently but avoid to contact eye and lip area. Pregnancy and lactating mother not included. P.T.O

Follow up after one and half months. Improvement measured by global acne grading system. Data were collected on special proforma and analysed using Microsoft SPSS. Ethical approval was taken from lakshmipur sadar Hospital authority.

Result: It was observed that mean age of acne vulgaris was 15.5 years, Duration of illness 6 months to 2 years. Most of them are mild (Score 1-18) in nature. According to global acne grading system 65(59%) pt improved score 10,30(27%) of patients improved score 5, No improvement 15(13%)patients.

Conclusion: Topical dapsone gel (7.5%) can be used as a noble drug for the treatment of mild to moderate Acne vulgaris patient with minimum side effect.

