



AESTHETIC AND COSMETIC DERMATOLOGY (LASERS SEPARATE CATEGORY)

THE EFFECT OF BLEMISH BALM CREAM ON THE PREVALENCE AND THE CLINICAL SEVERITY OF ACNE VULGARIS LESIONS IN STUDENT OF SMK NEGERI 4 SURAKARTA

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Background: Acne vulgaris (AV) can be caused by several factors. One of the factors that can cause AV are cosmetics, for example, blemish balm (BB) cream. BB Cream is currently in demand by women because of its function that can replace some types of cosmetics in one product. However, most women don't know that the ingredients of the BB Cream can cause acne vulgaris and aggravate acne vulgaris lesions.

Objective: The objective of this study was to know the relationship between the use of BB Cream on the prevalence and severity of clinical acne vulgaris in students SMK Negeri 4 Surakarta.

Materials and Methods: This research used an analytic observational method with a cross-sectional design. We used chi-square bivariate analysis as a hypothesis test with expected count.

Results: Based on 61 respondents suffering from AV, there were 42 respondents using BB Cream (68.9%), most of the respondents using BB Cream 36 respondents (59.0%) routinely use BB Cream. Result of statistical analysis got value ($p = 0,000$). In hypothesis test between the use of BB Cream to the severity of acne vulgaris obtained value ($p = 0,045$).

Conclusions: It was concluded that there was a relationship between the use of BB Cream (Blemish Balm Cream) on the prevalence of AV and also the severity of clinical AV lesions.

