

ABSTRACT

DESTY FAOZIAH, *The Comparison of Facial Acne vulgaris Reduction Effect of Daun Bunga Tasbih (Canna indica) and Daun Pegagan (Centella asiatica). An experiment in home economics laboratory (Salon IKK), State University of Jakarta. Undergraduate thesis: Health and Beauty Programme, Home Economics, Technic Faculty, State University of Jakarta*

Daun bunga tasbih (*Canna indica*) and daun pegagan (*Centella asiatica*) is known for its medical property, particularly in reducing acne vulgaris. This study was done to compare the effectivity of facial mask made of each plant in reducing mild acne vulgaris. According to the theoretical description, the research hypothesis of this study is *Canna indica* facial masks is more better than *Centella asiatica* in reducing acne vulgaris.

Population involved in this study are acne vulgaris on the face of female students of Health and Beauty Programme, aged 18-23. Samples were taken using purposive sampling in which samples were chosen according to characteristics prior to treatment and compatibility with the purpose of study. The total sample was 10 students, divided evenly into 2 study groups. Each group was treated with 8 course of facial mask application made of each plant.

The Comparison of acne was evaluated using assessment criteria of 2 examining docent. This study utilized quasi-experiment method with randomized control group pretest-posttest design to determine the changes on acne using magnifying lamp and skin test analyzer.

The acquired data was tested for normality and homogeneity to validate the compability of analysis. From hypothesis test, it is acquired the value of $t_{count} = 9,00$ and $t_{table} = 1,86$ on significance level (α) = 0,05 and $DF = 8$. In conclusion, in this study, it is shown that *Canna indica* facial masks is more better than *Centella asiatica* in reducing acne vulgaris.

Keywords: Mask of Daun Bunga Tasbih (*Canna indica*), Mask of Daun Pegagan (*Centella asiatica*), Minor Type of Acne vulgaris