ALCLOXA DEODORANT EFFICACY STUDIES

The deodorant action of Alcloxa was tested on eight female and one male subjects. An ointment containing 0.2% Alcloxa was rubbed into the axillae once daily and the effects on the axillary odor were noted. In all nine subjects there was a complete inhibition of odor formation already after one application. The inhibition lasted for about 24 hours. There was no sign of irritation or sensitization in any of the subjects tested.

A lotion containing 0.65% Alcloxa was tested for its antiperspirant and deodorant action in the axillae of 5 healthy male and 12 female subjects who applied it daily for periods of 6 – 16 weeks. All subjects gave positive reports. None developed any primary irritation or sensitization, even after prolonged use of these products. Three female subjects who did not tolerate commercial preparations could use the lotion and cream containing Alcloxa without any ill effect. The majority of subjects volunteered information that the new preparations deodorant effect lasted considerably longer than any of the other antiperspirants previously used. This prolonged action was especially pronounced in cases where synthetic fabrics were worn. These fabrics are unable to absorb moisture and promote the bacterial decomposition of sweat resulting in odor. The Alcloxa preparations prevented perspiration for at least 24 – 48 hours after a single application. Therefore, Alcloxa in a 0.2% solution or ointment is an effective deodorant agent.

In vitro Alcloxa inhibited odor formation and bacterial decomposition of pulverized human epidermal scales. The scales were obtained from a patient with exfoliative dermatitis, characterized by a great deal of exudation. The scales were pulverized in a Wiley mill, defatted with ether and suspended in a 0.2% Alcloxa solution. Control scales from the same patient were suspended in water. After 24 hours the scales suspended in water developed a foul odor and a green color appeared in the solution. There was no change in color or odor in the scales treated with Alcloxa.