

ABSTRACT

This study explored the effects of silk cocoons against apparent signs of ageing on human participants in relation to their gender, different skin types and smoking habits. The purpose of this study was to evaluate the possible use of silk cocoons in cosmetic industry as an anti-ageing product. The study utilized a quantitative research design and 30 participants were randomly selected for the study. These participants applied silk cocoons on their face for a month. Cocoons were disinfected and treated with a mixture of natural products. A Questionnaire was designed and participant response was recorded individually after one month (after the completion of experimental trial). The data was analyzed using Statistical Package for the Social Sciences (SPSS). From the results of the study, it was concluded that silk cocoons, when applied for consecutive 30 days on the skin, are effective against the apparent signs of ageing as they help decrease the symptoms of ageing. They also whiten the complexion and clean the skin. Moreover, they are safe to use on dry, normal and oily skin.

Keywords

Silk cocoons, wrinkles, skin, sericin, fibroin, skin ageing, ageing.