

Study on Biologic and Hypoallergenic Cotton

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Abstract

Cooperation between dermatologists/allergists, and the textile industry represents a key element in developing safe garments that are capable of preventing, in both healthy and allergic people, the occurrence of allergic reactions.

At the Department of Dermatology of the University of Modena and Reggio Emilia a study on a textile product designed and manufactured by the VIS (Vestire in Salute—wearing healthy clothes) Consortium in Carpi was conducted. Healthy volunteers were patch-tested with dyes and finishing products to exclude any allergy-causing substances from the composition of the textile product from the VIS Consortium. The finished product was further assessed by wear tests performed on patients with anamnesis and a history of textile intolerance. In conclusion, the textile product designed and manufactured by the VIS Consortium is well tolerated and can be declared hypoallergenic.

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