

**Consort allergic
dermatitis to cosmetic
agents in a 10-year-old
young girl**

Contact Dermatitis 2007: 57: 56–57

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Key words: allergic contact dermatitis;
consort dermatitis; cosmetic agents.

Connubial or consort allergic contact dermatitis is caused by numerous substances such as cosmetic agent or medicine. It can affect all the members of the family and is generally located in the eyelids.

We report herein a case of connubial dermatitis in a 10-year-old girl at the abdominal right side due to cosmetic products.

Case Report

A 10-year-old girl with no past medical history, complained of pruritic vesicular and popular eruption of the right side abdominal wall for the first time. These lesions were grouped



Fig. 1. Clear hand form-like vesicular and papulo-erythematous eruption of the abdominal wall right side.

forming a clear hand-shaped eruption (Fig. 1) identical in dimensions to the maternal hand imprint. The mother, a hairdresser, used to manipulate different cosmetic agents such as perfumes, composite plant extracts and hair care products.

Acute phase treatment was resumed to dermocorticosteroid application with good clinical response.

Patch tests with the European standard series and cosmetic series, observed after 2 and 4 days, showed positive reactions with benzothiazole (+++), methylidibromoglutaronitrile (++) and essential oils (++) . The diagnosis of consort allergic contact dermatitis due to these three agents was made. Eviction of causal agents contact, the radical therapy, was explained to the parents.

References

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Discussion

As reported in numerous cases and herein, connubial or consort allergic contact dermatitis may affect not only the conjoint but each member of the family (1). The form of eruption indicates that the agent responsible was a contact allergen (2).

Cosmetic products are reported to be one of the most allergic substances in the connubial dermatitis particularly in the eyelids. Patch tests with cosmetic series and other suspect agents should be done to confirm diagnosis (3). Eviction of the responsible agents, the only radical measure to avoid relapse, must imperatively involve the consort.