

A Case of Atopic Dermatitis That Healed Completely After Repeated Intradermal Injections with A Non-Specific Antigen Preparation

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Introduction

According to the traditional concept of the contemporary Immunology, neither autoimmune diseases nor allergic diseases can be cured completely. Nevertheless, a fortunate coincidence led the author to discover a novel concept that eliminations of the causes of these diseases are possible. In other words, combinations of pathogenic antibodies with responsible cells, namely, cytolytic T lymphocytes in cases of autoimmune diseases and mast cells in cases of allergic diseases, can be decomposed by replacing the pathogenic antibodies with non-specific antibodies. In more detail, intradermal injections with a non-specific antigen preparation induce productions of non-specific antibodies in the body of the patient. Repetitions of the injections bring about an accumulation of them. Accumulated non-specific antibodies will occupy most of the receptors on the surface of responsible cells. When the accumulation reaches the sufficient level, virtually no pathogenic antibodies would remain on the receptors. That is, no causes of the diseases remain.

It is well established that the etiology of allergic diseases is that combinations of mast cells and allergen-specific antibodies cause allergic symptoms when the patients meet allergens. Similarly, the etiology of auto-immune diseases is that combinations of cytolytic T lymphocytes and organ-specific antibodies cause injury of the organ. A most plain idea would be that break down of the above-mentioned combinations must bring about disappearance of causes of the diseases. To work out the above mentioned concept, it is necessary to have the patients make non-specific antibodies for themselves. In order for the patients to do so, they need to receive intradermal injections with non-specific antigen preparations. Consequently, non-specific antibodies accumulate in the patients' bodies, which may replace specific antibodies from respective cells bringing about elimination of causes of the diseases. Needless to mention, where there is no cause, there is no disease. Details are demonstrated elsewhere [1]. The conceptual basis of antibodies' mutual exchange is existence of equilibrium state among antibody molecules in the vicinity of receptors, which was first proposed by Porter [2]. One of the contemporary trends concerning treatments of allergic diseases is an intravenous infusion of solution of non-specific antibody preparations, for example, gamma-globulin. However, a large number of these infusions are dangerous because anti-antibody antibody might be produced in the recipient's body, which may cause an anaphylactic reaction.

Case 1: A 2-year-old girl (A.W.) came to the author's clinic on April 24, 2003. Her mother said that the girl had started suffering from atopic dermatitis at both sides of elbows and knees, anterior side of neck, and both eye-lids immediately after birth. The girl received intradermal injections at her upper arms with 0.05ml of Asthremedin; product of Nippon Zohki Pharmaceutical Company(Osaka), each

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ampoule (0.5ml) consisting of extracts of rabbit skin and testis, killed small pox virus, and fungi in addition to 0.1ml of 20% aqueous solution of peptone, at 2~5 day intervals for 7 years and 17 days. By the end of this period, she was free of any dermatitis. As of May 30, 2018, she had no sign of recurred dermatitis.

References

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