

## Three Autoimmune Skin Diseases in One Patient

*To the Editor.* - Thirty-nine years old male was admitted to our outpatient clinic with sudden patchy hair loss on his submandibular region and painful ulcer on his scrotum. He also had psoriasis more than 10 years. On physical examination, an alopecia macula on the left side of his chin, scrotal ulcer with one centimeter in diameter and papulopustular lesions on his shoulders and buttocks and symmetrical scaling erythematous plaques on the elbows, knees and feet were noticed. The patient also had recurrent oral aphthous ulcers for the last few years. The patient was diagnosed with Behçet disease, psoriasis vulgaris and alopecia areata based on the history and clinical findings (**Figures 1a, b and c**).

Co-occurrence of immunity related disorders is a well known condition possibly indicating that they may emerge from the same origin. It is also known that skin diseases including alopecia areata, Behçet disease, psoriasis and vitiligo may be associa-

ted with other autoimmune diseases such as autoimmune thyroid disorders, pernicious anemia, systemic lupus erythematosus and inflammatory bowel diseases [1]. There are reported cases of two autoimmune skin diseases in one patient such as psoriasis and alopecia areata, vitiligo and alopecia areata and vitiligo and psoriasis [2,3,4,5,6].

Masood et al reported a unique patient who has three systemic autoimmune disorders, autoimmune hemolytic anemia, Type 1 diabetes and systemic lupus erythematosus and two autoimmune skin disorders, psoriasis and vitiligo [7].

Three or more autoimmune diseases in a single patient is called multiple autoimmune syndrome (MAS) [8]. MAS was firstly described by Humbert and Dupond in 1988 [9]. Herein, we present possibly a case of MAS. Our case is interesting because the patient had three autoimmune skin disorders, psoriasis, vitiligo and Behçet disease si-



**Figures 1a, b and c.** a. Alopecia areata macule on the face, b. Psoriasis plaque on the foot, c. Genital ulcer on the scrotum of the same patient

multaneously. To our knowledge, this case is the first in English literature.

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