

4th International Conference on Clinical & Experimental Dermatology

April 14-16, 2014 Hilton San Antonio Airport, TX, USA

Successful treatment of extramammary Paget's disease of the scalp with photodynamic therapy (PDT)

Abdullah Al Youssef¹, Saud Aldhaban², Catherine Vilmer², Thierry Clerici², Caroline Roudier Pujol³, George Abirqshed² and Pascal Reygagne²

¹University of Tabuk, Saudi Arabia

²Hôpital Saint Louis, France

³Dermatologist Paris, France

Extramammary Paget's disease (EMPD) is an unusual neoplasm that affects apocrine gland-bearing skin, such as the vulva, perianal region, scrotum, and penis. However, EMPD has been rarely observed in the non-apocrine, gland-bearing regions; such cases are referred to as "ectopic" EMPD. EMPD of the scalp is extremely rare, with few reported cases. We present a case involving an 86-year-old man in whom ectopic EMPD affected the scalp. Although the clinical appearance was suggestive of pagetoid Bowen's disease, EMPD was confirmed by biopsy and immunohistochemical studies. This case of EMPD of the scalp has been treated successfully with photodynamic therapy (PDT).

To our knowledge, we report the third case, and the second in the English literature, of an ectopic EMPD involving the scalp and the first to be treated with PDT. A complete clinical response was maintained 12 months after last session of PDT.

No invasion occurred during a 1 year follow-up period after the first MAL-PDT procedure. No randomized studies have confirmed the efficacy of PDT on EMPD to date. 21 retrospective and 2 prospective non-comparative studies were identified and included in the review: 9 case reports with 1-2 patients and 14 case series with 1-16 patients. These reports totaled 99 patients with 133 extramammary Paget's lesions and 3 patients (with 3 lesions) with mammary Paget's disease. Follow-up periods were typically one year or less, with 77/133 extramammary lesions exhibiting complete response to PDT. One recurrent mammary skin lesion and two mammary lesions treated concomitantly with surgery also exhibited complete responses

Biography

Abdullah Alyoussef has completed his Ph.D. at the age of 35 years from France University and postdoctoral studies from Marie-Curie University Paris VI and Centre Sabouraud for hair and scalp disorder. He is Assistant Professor of Dermatology, and the Head of Dermatology Department at Tabouk University. He is a reviewer for many dermatology journals mainly regarding PDT and extramammary Paget's disease.

drabodi4@gmail.com