

The mystery of diaper rash

Hajar El Bennaye, Zakia Douhi, Hanane Baybay, Sara Elloudi, Fatima Zahra Mernissi

Department of Dermatology, University Hospital Hassan II, Fes, Morocco

Corresponding author: Hajar El Bennaye, MD, E-mail: hajarelbennaye1@gmail.com

Sir,

Human scabies is an ectoparasitosis caused by *Sarcoptes scabiei*. Its diagnosis is generally easy in the presence of acute generalized family pruritus with nocturnal exacerbation. Nevertheless, atypical presentations may confuse the clinician [1].

Scabies is a frequent, highly pruritic, and contagious dermatosis. The disease is favored by promiscuity, lack of hygiene, and poverty. It affects males and females of all ages, ethnicities, and socioeconomic levels [1,2].

The clinical signs are typically vesicles, grooves, or nodules on preferential sites: interdigital spaces, anterior surface of the wrists, elbows, axillary hollows, umbilicus, buttocks, mammary areola, and external genitalia. Pruritus is often intense, generalized, and nocturnal [1].

The reference diagnosis is based on direct parasitological examination, which allows *Sarcoptes* to be visualized under the microscope. However, this examination cannot be performed in routine practice [1].

Herein, we report a clinico-dermoscopic description of atypical scabies.

A 69-year-old patient, with a history of hepatitis B, consulted for intergluteal pruritus evolving for two months. He was treated with a topical antimycotic and dermocorticoid without improvement. The clinical examination revealed several erythematous nodules, rounded, well-limited with regular contours, of firm consistency, mobile to the superficial and deep planes, resting on an erythematous placard excoriated at the intergluteal level (Fig. 1a).

A dermoscopic examination revealed scabious furrows, a positive delta sign with an erythematous background, and some fine whitish scales (Fig. 1b).



Figure 1: (a) Intergluteal erythema with nodules. (b) Dermoscopy revealing the delta sign and scabious furrows.

The patient was treated with Ascabiol with a good evolution, regression of the pruritus, and subsidence of the nodules.

The diagnosis is, therefore, based on the clinical examination in typical forms, confirmed by the dermoscope, which makes it possible to obtain diagnostic certainty and even redirect the diagnosis [3,4], as in the case of our patient.

Scabies is a frequent dermatosis of obvious diagnosis. Atypical forms with particular localizations should not be ignored.

Consent

The examination of the patient was conducted according to the principles of the Declaration of Helsinki.

The authors certify that they have obtained all appropriate patient consent forms, in which the patients gave their consent for images and other clinical information to be included in the journal. The patients understand that their names and initials will not be published and due effort will be made to conceal their identity, but that anonymity cannot be guaranteed.

How to cite this article: El Bennaye H, Douhi Z, Baybay H, Elloudi S, Mernissi FZ. The mystery of diaper rash. Our Dermatol Online. 2023;14(3):331-332.

Submission: 11.02.2023; **Acceptance:** 06.05.2023

DOI: 10.7241/ourd.20233.25

REFERENCES

1. Sunderkötter C, Feldmeier H, Fölster-Holst R, Geisel B, Klinker-Rehbein S, Nast A, et al. S1 guidelines on the diagnosis and treatment of scabies: Short version. *J Dtsch Dermatol Ges.* 2016;14:1155-67.
2. Adil M, Amin SS, Mohtashim M, Mushtaq S, Qadri S, Varshney I. Erythroderma due to iatrogenic immunosuppression: A case of Norwegian scabies. *Our Dermatol Online.* 2019;10:53-5.
3. Phan A, Dalle S, Thomas L. [Dermoscopic diagnosis of scabies]. *Ann Dermatol Venereol.* 2008;135:155-6.
4. Teclessou JN, Lowa PE, Kombate K, Akakpo AS, Saka B, Pitche P. Knowledge, attitudes and practices of non-dermatologist health care personnel regarding scabies in Lomé (Togo). *Our Dermatol Online.* 2023;14(Supp. 1):6-10.

Copyright by Hajar El Bennaye, et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Source of Support: This article has no funding source.

Conflict of Interest: The authors have no conflict of interest to declare.