

Erythema Papuloerosive of Sevestre and Jacquet: A Severe Diaper Dermatitis

Issoual K*, Achehboune K, Dahhouki S, Elloudi S, Bay Bay H and Mernissi FZ

Departement of Dermatology, Hassan II Hospital University, Fez, Morocco

Volume 3 Issue 1- 2020

Received Date: 18 Dec 2019

Accepted Date: 30 Dec 2019

Published Date: 04 Jan 2020

1. Abstract

Erythema papuloerosive of Sevestre and Jacquet is a rare severe irritative dermatitis, it is often associated with urinary or fecal incontinence and poses a real therapeutic problem. This is a case in a 3 year old child.

2. Keywords

Jacquet erosive diaper dermatitis; Child; Clinical challenge

3. Comment

A 3-year-old infant diagnosed with Hirschsprung's disease from the age of 3 months; he benefited from a total colectomy and an ileo-anal anastomosis. Since then, the boy presented with chronic diarrhea, with an incontinence of the anal sphincter, followed by the appearance of skin lesions in the seat of progressive worsening, with repetitive superinfection.

On clinical examination, it is a diffuse erythema, located symmetrically on the gluteal region, surmounted by several vivid erythematous papules and vegetation's, erosive and bleeding, very painful and nausea; resembling botriomycome like. We even did biopsy, which did not show malignant degeneration.

4. What is Your Diagnosis?

4.1. Answer

Jacquet erosive diaper dermatitis or Erythema papuloerosive of Sevestre and Jacquet a rare severe irritative dermatitis [1], that usually affects infants, but can also arise in adults with urinary and /or fecal incontinence [2].

Clinically, it presents with a symmetrical erythema, very limited in the gluteal region, surmounted by vivid and erosive and painful erythematous papules. Candida and bacterial superinfection is

frequent, and affects quality of life. Pathogenic factors include urinary and fecal incontinence compounded by persistence of detergent residues [3, 4].

Treatment is a real challenge, it calls for hygienic and dietary measures and the use of disposable diapers with topical treatment with antibiotics, miconazole, zinc oxide and non-steroidal anti-inflammatory drugs [4, 5]. Without forgetting the treatment of incontinence if it is possible.



Figure 1: Symmetrical gluteal erythema, with numerous erythematous and erosive papules and vegetation's

References

1. Temime P, Wolf R. Est une dermatite papulo-érosive fessière, la syphiloïde dite Sevestre -Jacquet. *Pediatrie*, 1 janvier. 1958, 13(3): 338-340.
2. Van L, Harting M, Rosen T. Jacquet erosive diaper dermatitis: a complication of adult urinary incontinence. *Eur J Dermatol*. 2014; 24(2): 252-3.
3. Ricci F, Paradisi A, Perino F. Jacquet erosive diaper dermatitis: a not-so-rare syndrome. *Eur J Dermatol*. 2014; 24(2): 252-3.
4. Jacquet erosive diaper dermatitis: a therapeutic challenge
5. Robson KJ, Maughan JA, Purcell SD, Petersen MJ, Haefner HK, Lowe L. Erosive papulonodular dermatosis associated with topical benzocaine: a report of two cases and evidence that granuloma gluteale, pseudo-verrucous papules, and Jacquet's erosive dermatitis are a disease spectrum. *J Am Acad Dermatol*. 2006; 55:S74-80.