



PAEDIATRIC DERMATOLOGY

## INFANTILE ACUTE ERYTHRODERMIC PUSTULAR PSORIASIS WITH A GOOD RESPONSE TO ACITRETIN MONOTHERAPY

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**Background:** Generalized pustular psoriasis (GPP) is extremely rare in children, especially in those less than 1 year of age. It is important to make an accurate diagnosis and prescribe appropriate treatment. There is currently no standardized treatment guideline for infantile GPP.

**Observation:** An 8-month-old girl referred to our dermatology center with fever, generalized scaling and erythroderma. At first, erythematous plaques were developed on diaper area with no response to topical antifungal and steroid, then within 3 days extended abruptly to the extremities, trunk, face and scalp. On physical examination, erythematous patches and plaques with multiple pustules were seen. A skin biopsy from a pustular lesion were consistent with pustular psoriasis. So, based on clinical and histopathological features, the diagnosis of erythrodermic generalized pustular psoriasis (GPP) was established. Oral acitretin was administered and skin lesions were completely disappeared after 4 weeks.

**Key messages:** GPP can be a life threatening condition, so early diagnosis, differentiation from acute generalized exanthematous pustulosis and proper treatment is necessary. Treatment of pustular psoriasis isn't evidence-base yet, so a therapeutic challenge arises. Factors which should be consider for choosing the best treatment are age, disease severity, systemic manifestations and comorbidities

