EFFECTIVENESS AND TOLERANCE OF DAPSONE IN LINEAR IgA DERMATOSIS IN PEDIATRIC PATIENTS

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OBJECTIVE
To evaluate the effectiveness and tolerance of the use of Dapsone for linear Ig A dermatosis (LAD) in pediatric Patients.

MATERIAL AND METHODS
Retrospective, descriptive and observational study from October 2014 to October 2015. Data of patients were obtained by medical record review. The variables → age, dosage, adverse reactions, size of lesions and appearance of new ones.

The effectiveness of the dose was studied based on the presence or absence of new lesions and size of blisters.

The degree of tolerance was determined based on the occurrence of adverse effects associated with the use of dapsone.

RESULTS
Two patients were in treatment with dapsone for LAD.

PATIENT 1 (A 4 YEAR OLD GIRL)
Dapsone 2mg/ml (Hospital Pharmacy)

PATIENT 2 (A 1 YEAR OLD GIRL)
Dapsone 6.25mg/ml (Community Pharmacy)

- Clinical improvement with decreased size of the blisters
- No significant changes in blood count

The sleep disturbances disappeared when the children received the formulation with uneven distribution of dose throughout the day, higher dose in the morning and lowest at night.

CONCLUSION
- Dapsone is an effective treatment of Lineal IgA dermatitis as shown by the good clinical evolution of patients, absence of new lesions and reduction of the preexisting ones.
- A dosage properly distributed throughout the day eliminated the inconvenience.
- New studies are required to check the variability in the tolerance shown by different magistral formula.