

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

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## OBJETIVE

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)

PATIENT 2  
(A 1 YEAR OLD GIRL)

Dapsone 2mg/ml  
(Hospital Pharmacy)

Dapsone was prepared as  
magistral formula  
Dose range= 1-1.5mg/kg/day

Dapsone 6.25mg/ml  
(Community Pharmacy)

Adverse reaction  
insomnia

✓ Clinical improvement with decreased size of the blisters

Adverse reaction  
insomnia

✓ No significant changes in blood count

Dapsone 2mg/ml  
(Hospital Pharmacy)

Less insomnia

The sleep disturbances disappeared when the children recibed 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 shows 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 requiered to check the variability in the tolerance showed by different magistral formula.