

Overview of Severity Assessment Tools

Area score

Area score is recorded for each of the four regions of the body. The area score is the percentage of skin affected by eczema.

Area score	Percentage of skin affected by eczema in each region
0	0-10% eczema in this region
1	1-9%
2	10-29%
3	30-49%
4	50-69%
5	70-89%
6	90-100%: the entire region is affected by eczema

Severity score

Severity score is recorded for each of the four regions of the body. The severity score is the sum of the intensity scores for four signs. The four signs are:

1. Redness (erythema, inflammation)
2. Thickness (induration, papulation, swelling, oedema)
3. Scratching (excoriations)
4. Lichenification (thick skin, scaly plaques, streaks, fissures)

The average intensity of each sign in each body region is assessed as: none (0), mild (1), moderate (2) and severe (3).

Score	Intensity of redness, thickness/swelling, scratching, lichenification
0	None, absent
1	Mild
2	Moderate
3	Severe

EASI

Investigator's Global Assessment (IGA)

CATEGORY	DEFINITION
Clear	No signs of inflammatory AD
Almost Clear	Faint, barely detectable erythema and/or trace residual elev. in limited areas; neither excoriation nor oozing/crusting are present
Mild	Light pink erythema and slightly perceptible elevation; excoriation, if present, is mild
Moderate	Dull red, clearly distinguishable erythema and clearly perceptible elevation but not extensive; excoriation or oozing/crusting, if present, are mild to moderate.
Severe	Deep/dark red erythema, and marked and extensive elevation; excoriation and oozing/crusting are present.

IGA

Patient Oriented Eczema Measure

Please circle one response for each of the seven questions below. Young children should complete the questionnaire with the help of their parents. Please leave blank any questions you feel unable to answer.

- Over the last week, on how many days has your/your child's skin been itchy because of the eczema?
No Days 1-2 Days 3-4 Days 5-6 Days Every Day
- Over the last week, on how many nights has your/your child's sleep been disturbed because of the eczema?
No Days 1-2 Days 3-4 Days 5-6 Days Every Day
- Over the last week, on how many days has your/your child's skin been bleeding because of the eczema?
No Days 1-2 Days 3-4 Days 5-6 Days Every Day
- Over the last week, on how many days has your/your child's skin been weeping or oozing clear fluid because of the eczema?
No Days 1-2 Days 3-4 Days 5-6 Days Every Day
- Over the last week, on how many days has your/your child's skin been cracked because of the eczema?
No Days 1-2 Days 3-4 Days 5-6 Days Every Day
- Over the last week, on how many days has your/your child's skin been flaking off because of the eczema?
No Days 1-2 Days 3-4 Days 5-6 Days Every Day
- Over the last week, on how many days has your/your child's skin felt dry or rough because of the eczema?
No Days 1-2 Days 3-4 Days 5-6 Days Every Day

Total Score (maximum 28) _____

POEM

SCORAD
EUROPEAN TASK FORCE ON ATOPIC DERMATITIS

INSTITUTION: _____
PHYSICIAN: _____

PATIENT NAME: _____
FIRST NAME: _____
LAST NAME: _____
ED/PFLY: _____

Typical steroid used: _____
Potency (brand name): _____
Amount / month: _____
Number of times / month: _____

FIGURE 16: DEFINITIONS OF CLINICAL FINDINGS IN CHILDREN UNDER TWO YEARS

A. EXTENT: Please indicate the area involved.

B. INTENSITY: Please indicate the area involved.

C. SUBJECTIVE SYMPTOMS: PRURITUS/SLEEP LOSS

SCORAD A/5+B/2+C

SCORAD

EASI, Eczema Area and Severity Index; IGA, Investigator's Global Assessment; POEM, Patient Oriented Eczema Measure; SCORAD, Scoring Atopic Dermatitis. Charman CR, et al. *Arch Dermatol.* 2004;140:1513-1519; Futamura M, et al. *J Am Acad Dermatol.* 2016;74:288-294; Hanifin JM, et al. *Exp Dermatol.* 2001;10:11-18; Severity scoring of atopic dermatitis: the SCORAD index. Consensus Report of the European Task Force on Atopic Dermatitis. *Dermatology.* 1993;186:23-31.