

Scores to Assess Atopic Dermatitis

EASI Eczema Area and Severity Index

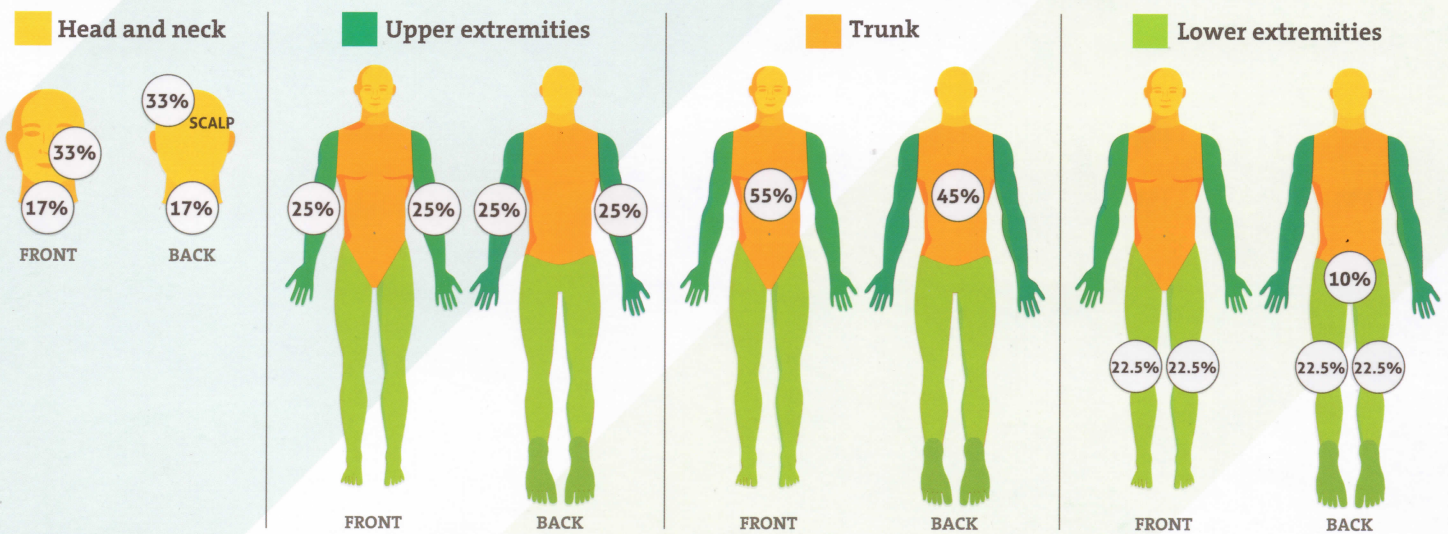
EASI is a scoring system used to measure the extent (area) and severity of atopic dermatitis. The body is divided into four regions. Each region is scored separately for area and severity of atopic dermatitis to determine a final EASI score.^{1,2}

HEAD & NECK	UPPER EXTREMITIES	TRUNK	LOWER EXTREMITIES
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HOW TO DETERMINE AN EASI SCORE

STEP 1: AREA

Determine the extent (area) of atopic dermatitis affecting your patient. Score each of the four body regions from 0 to 100%. Use the percentages in the illustrations below to guide your estimates for each body region.¹



– Adapted from EASI user guide 2016¹

Then, using the table below, give each respective body region a score between 0 and 6 based on the estimated percentage involvement.¹

%INVOLVEMENT	0	1-9%	10-29%	30-49%	50-69%	70-89%	90-100%
SCORE	0	1	2	3	4	5	6

















STEP 2: SEVERITY

Determine the severity of atopic dermatitis in each of the four body regions. Severity is graded across four dimensions, called signs:

ERYTHEMA	EDEMA/PAPULATION	EXCORIATION	LICHENIFICATION
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Each sign must be assigned a number ranging from 0 (none), 1 (mild), 2 (moderate), to 3 (severe) for each of the four body regions. Use the severity atlas below to guide your estimates.¹

EASI lesion severity atlas

	NONE = 0	MILD = 1	MODERATE = 2	SEVERE = 3
Erythema		 Faintly detectable, pink	 Clearly distinguishable dull red	 Deep dark or fiery bright red
Edema/papulation		 Barely perceptible elevation	 Clearly perceptible elevation but not prominent	 Prominent elevation
Excoriation		 Scant, superficial excoriation	 Many superficial and/or some deep excoriations	 Extensive superficial and/or many deep excoriations
Lichenification		 Slight skin thickening; markings minimally exaggerated	 Thickened skin with exaggerated markings and/or some prurigo nodules	 Prominent thickening, exaggerated markings creating deep furrows and/or many prurigo nodules

STEP 3: CALCULATE

Record your estimates of area and severity then calculate the final EASI score.¹

- Record the intensity of each of the four signs. Calculate the severity score by adding scores for the four signs. Do this for each body region.
- Multiply the severity score by the area score and by the multiplier. The multiplier is different for each body region. The multipliers in this table are for adults.
- Add the total scores for each body region to determine the final EASI score.

BODY REGION	ERYTHEMA (0-3)	EDEMA/PAPULATION (0-3)	EXCORIATION (0-3)	LICHENIFICATION (0-3)	SEVERITY SCORE	AREA SCORE (0-6)	MULTIPLIER	SCORE PER BODY REGION
Head/neck		+	+	+	=	x	x 0.1	
Trunk		+	+	+	=	x	x 0.3	
Upper extremities		+	+	+	=	x	x 0.2	
Lower extremities		+	+	+	=	x	x 0.4	
The final EASI score is the sum of the 4 scores per body region:								<u> </u> (0-72)
Family name: _____ Given name: _____								
Date of birth (D/M/Y): _____ / _____ / _____ Date (D/M/Y): _____ / _____ / _____								

– Adapted from EASI user guide 2016¹

STEP 4: INTERPRETATION

A suggested interpretation of the EASI score adapted from Lesham *et al* 2015:³

CLEAR	0
ALMOST CLEAR	0.1-1.0
MILD	1.1-7.0
MODERATE	7.1-21.0
SEVERE	21.1-50.0
VERY SEVERE	50.1-72.0