

# Cutaneous Lupus Erythematosus Disease Area and Severity Index (CLASI)

Pertinent to clinical trial tools, the Cutaneous Lupus Erythematosus Disease Area and Severity Index (CLASI) quantifies the activity and damage caused by CLE.

Presenting a more complete clinical picture, the CLASI comprises two scores:

- 1) The activity score (CLASI-A) evaluates erythema, scale/hyperkeratosis mucous membrane involvement, acute hair loss, and non-scarring alopecia.
- 2) The damage score (CLASI-D) evaluates dyspigmentation and scarring (including scarring alopecia).

Select the score in each anatomical location that describes the most severely affected cutaneous lupus-associated lesion.

Activity      Damage

Extent	Activity			Damage		
	Anatomical Location	Erythema	Scale/Hypertrophy	Dyspigmentation	Scarring/Atrophy/Panniculitis	Anatomical Location
		0-absent 1-pink; faint erythema 2-red 3-dark red; purple/violaceous/crusted/hemorrhagic	0-absent 1-scale 2- verrucous/hypertrophic	0-absent 1-dyspigmentation	0-absent 1-scarring 2-severely atrophic scarring or panniculitis	
	Scalp				See below	Scalp
	Ears					Ears
	Nose (incl. malar area)					Nose (incl. malar area)
	Rest of the face					Rest of the face
	V-area neck (frontal)					V-area neck (frontal)
	Post. Neck &/or shoulders					Post. Neck &/or shoulders
	Chest					Chest
	Abdomen					Abdomen
	Back, buttocks					Back, buttocks
	Arms					Arms
	Hands					Hands
	Legs					Legs
	Feet					Feet


## Mucous membrane

Mucous membrane lesions (examine if patient confirms involvement)	
0-absent; 1-lesion or ulceration	

## Dyspigmentation

Report duration of dyspigmentation after active lesions have resolved (verbal report by patient...check appropriate box)
<input type="checkbox"/> Dyspigmentation usually lasts less than 12 months (dyspigmentation score above remains)
<input type="checkbox"/> Dyspigmentation usually lasts at least 12 months (dyspigmentation score is doubled)

## Alopecia

Recent hair loss (within the last 30 days/as reported by patient)		
1-Yes 0-No		

**NB:** if scarring and non-scarring aspects seem to coexist in one lesion, please score both

Divide the scalp into four quadrants as shown. The dividing line between right and left is the midline. The dividing line between the frontal and occipital lobes is the line connecting the highest points of the ear lobe. A quadrant is considered affected if there is a lesion within the quadrant.

Alopecia (clinically not obviously scarred)	Scarring of the sclp (judged clinically)
0-absent; 1-diffuse; non-inflammatory 2-focal or patchy in one quadrant 3-focal or patchy in more than one quadrant	0-absent      5-three quadrants 3-in one quadrant      6-affects the whole skull 4-two quadrants
<b>Total Activity Score</b> (For the activity score, please add up the scores of the left side i.e. for Erythema, Scale/Hypertrophy, Mucous membrane involvement and Alopecia)	<b>Total Damage Score</b> (For the damage score, please add up the scores of the right side, i.e. for Dyspigmentation, Scarring/Atrophy/Panniculitis and Scarring of the Scalp)

## References

Albrecht J, Taylor L, Berlin JA, et al. The CLASI (Cutaneous Lupus Erythematosus Disease Area and Severity Index): an outcome instrument for cutaneous lupus erythematosus. *J Invest Dermatol.* 2005;125(5):889-894.