

# SYSTEMIC LUPUS INTERNATIONAL COLLABORATING CLINICS/AMERICAN COLLEGE OF RHEUMATOLOGY DAMAGE INDEX (SDI)<sup>1,2\*</sup>

Item	Measurement of Irreversible Organ Damage	Score
Ocular (either eye, by clinical assessment)	Any cataract ever	1
	Retinal change or optic atrophy	1
Neuropsychiatric	Cognitive impairment (eg, memory deficit, difficulty with calculation, poor concentration, difficulty in spoken or written language, impaired performance level) or major psychosis	1
	Seizures requiring therapy for 6 months	1
	Cerebrovascular accident ever (score 2 if >1)	1 (2)
	Cranial or peripheral neuropathy (excluding optic)	1
	Transverse myelitis	1
Renal	Estimated or measured glomerular filtration rate <50%	1
	Proteinuria ≥3.5 g/24 hours	1
	End-stage renal disease (regardless of dialysis or transplantation)	3
Pulmonary	Pulmonary hypertension (right ventricular prominence, or loud P2)	1
	Pulmonary fibrosis (physical and radiograph)	1
	Shrinking lung (radiograph)	1
	Pleural fibrosis (radiograph)	1
	Pulmonary infarction (radiograph) or resection not for malignancy	1
Cardiovascular	Angina or coronary artery bypass	1
	Myocardial infarction ever (score 2 if >1)	1 (2)
	Cardiomyopathy (ventricular dysfunction)	1
	Valvular disease (diastolic, murmur, or systolic murmur >3/6)	1
	Pericarditis for 6 months, or pericardiectomy	1

Item	Measurement of Irreversible Organ Damage	Score
Peripheral vascular	Claudication for 6 months	1
	Minor tissue loss (pulp space)	1
	Significant tissue loss ever (eg, loss of digit or limb [score 2 if >1 site])	1 (2)
	Venous thrombosis with swelling, ulceration, or venous stasis	1
Gastrointestinal	Infarction or resection of bowel (below duodenum), spleen, liver or gall bladder ever (score 2 if >1 site)	1 (2)
	Mesenteric insufficiency	1
	Chronic peritonitis	1
	Stricture or upper gastrointestinal tract surgery ever	1
	Pancreatic insufficiency requiring enzyme replacement or with pseudocyst	1
Musculoskeletal	Muscle atrophy or weakness	1
	Deforming or erosive arthritis (including reducible deformities, excluding avascular necrosis)	1
	Osteoporosis with fracture or vertebral collapse (excluding avascular necrosis)	1
	Avascular necrosis (score 2 if >1)	1 (2)
	Osteomyelitis	1
	Ruptured tendons	1
Skin	Scarring chronic alopecia	1
	Extensive scarring or panniculum other than scalp and pulp space	1
	Skin ulceration (excluding thrombosis) for >6 months	1
	Premature gonadal failure	1
	Diabetes (regardless of treatment)	1
	Malignancy (exclude dysplasia) (score 2 if >1 site)	1 (2)

\*Damage (nonreversible change, not related to active inflammation) occurring since onset of lupus, ascertained by clinical assessment and present for at least 6 months unless otherwise stated. Repeat episodes must occur at least 6 months apart to score 2. The same lesion cannot be scored twice.

**References:** 1. Gladman D, Ginzler E, Goldsmith C, et al. The development and initial validation of the Systemic Lupus International Collaborating Clinics/American College of Rheumatology damage index for systemic lupus erythematosus. *Arthritis Rheum.* 1996;39(3):363-369. 2. Gladman DD, Urowitz MB, Goldsmith CH, et al. The Reliability of the Systemic Lupus International Collaborating Clinics/American College of Rheumatology Damage Index in Patients with Systemic Lupus Erythematosus. *Arthritis Rheum.* 1997;40(5): 809-813.

