

Maculopapular Rash with fever and arthralgia in Primary Care

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Investigations: Lab evaluation :
 increased CRP/ESR
 ANA++ shows **Anti-Smith antibodies & Anti Ro** strong positive +++++, Anti-cyclic citrullinated peptide negative with positive **Rheumatoid factors**.
 Patient has EULAR/ACR score 21 diagnosed as SLE

2019 SLE EULAR/ACR Guidelines

Suspected SLE

Test for ANA by immunofluorescence

Apply the EULAR/ACR 2019 criteria using the attribution algorithm (best combination of sensitivity and specificity)

ANA +ve

EULAR/ACR score ≥ 10 with at least one clinical criterion

Classified SLE

EULAR/ACR score < 10

Immunological score = 0 +
 Clinical score ≥ 8 +
 ACR-97 photosensitivity

OR

Immunological score ≥ 2 +
 Clinical score ≥ 6

Clinical SLE *

ANA -ve

Hypo-complementaemia and/or positive aPL (alternative entry criterion)

EULAR/ACR score ≥ 10 with at least one clinical criterion

Clinical SLE *

Within each domain, only the highest weighted criterion is counted

Clinical domain	Weight	Weight	Weight
Constitutional	2	Fever	5
Haematologic	3	Plural or pericardial effusion	6
Leukopenia	3	Acute pericarditis	6
Thrombocytopenia	4	Musculoskeletal	6
Autoimmune hemolysis	4	Joint involvement	6
Neuropsychiatric	4	Rash	6
Delirium	2	Proteinuria $> 0.5g/24h$	4
Psychosis	3	Renal biopsy Class II or IV LN	8
Seizure	6	Renal biopsy Class III or IV LN	10
Mucocutaneous	2	Clinical score: 0-38	
Non-scarring alopecia	2		
Oral ulcers	2		
SLE OR DLE	4		
ACLE	6		
Immunology domains	Weight	Weight	
Complement proteins	3	Anti-phospholipid antibodies	
Low C3 OR low C4	3	Anti-cardiolipin antibodies OR	
Low C3 AND low C4	4	Anti- $\beta 2$ GP1 antibodies OR	
SLE-specific antibodies	6	Lupus anticoagulant	2
Anti-dsDNA OR anti-Sm antibody	6	Immunological score: 0-12	

Total EULAR/ACR 2019 score: 0 (minimum) to 51 (maximum)

* Consider also non-criteria features (eg, Raynaud's, myocarditis, atypical rashes)