

Table 2 – Laboratory exams, autoantibodies, treatments and outcomes of herpes zoster infection (HZI) in childhood systemic lupus erythematosus (SLE) and adult SLE patients.

Variables	Childhood SLE (n=38/362)	Adult SLE (n=70/1,830)	P
Acute phase reactants at HZI diagnosis			
ESR, mm/1 st hour	28 (4-62)	17 (2-96)	0.012
CRP, mg/L	9.2 (3-103)	4.5 (3-42.9)	0.021
Laboratory at HZI diagnosis			
Autoimmune hemolytic anemia	0 (0)	0 (0)	1.000
Leucopenia, < 4,000/mm ³	3/36 (8.3)	4/69 (5.8)	0.689
Lymphopenia, < 1,500/mm ³	16/36 (44.4)	19/68 (27.9)	0.126
Thrombocytopenia, < 150,000/mm ³	1/36 (2.8)	4/69 (5.8)	0.658
Hematuria	11/34 (32.4)	9/70 (12.9)	0.018
Leucocyturia	15/33 (45.5)	11/68 (16.2)	0.002
Cilindruria	3/33 (9.1)	2/69 (2.9)	0.325
Low C3	16/28 (57.1)	22/57 (38.6)	0.106
Low C4	13/27 (48.1)	13/58 (22.4)	0.017
Proteinuria, > 0.5 g/24 hours	6/30 (20)	18/68 (26.5)	0.492
Autoantibodies at HZI diagnosis			
Anti-ds-DNA	19/25 (76)	10/65 (15.4)	<0.0001
Lupus anticoagulant	0/7 (0)	1/34 (2.9)	1.000
IgM anticardiolipin	1/7 (14.3)	1/45 (2.2)	0.253
IgG anticardiolipin	1/7 (14.3)	2/43 (4.7)	0.370
Previous steroid use			
Prednisone dose at HZ diagnosis, mg/day	20 (10-60)	20 (2.5-80)	0.784
Antimalarial drugs at HZI diagnosis			
Chloroquine diphosphate	26/36 (72.2)	40/68 (58.8)	0.177
Hydroxychloroquine sulfate	17/34 (50)	22/54 (40.7)	0.395
Immunosuppressive agents at HZI diagnosis			
Azathioprine	8/36 (22.2)	14/68 (20.6)	1.000
Cyclosporine	0/36 (0)	1/67 (1.5)	1.000
Methotrexate	2/36 (5.6)	3/67 (4.5)	1.000
Mycophenolate mofetil	3/36 (8.3)	23/67 (34.3)	0.004
Intravenous methylprednisolone pulse	3/35 (8.6)	6/64 (9.4)	1.000
Intravenous cyclophosphamide	7/36 (19.4)	8/66 (12.1)	0.318
Intravenous immunoglobulin	0/35 (0)	2/66 (3)	0.543
Intravenous acyclovir for HZI	29/37 (78.4)	19/65 (29.2)	<0.0001
Hospitalization for HZI treatment	29/37 (78.4)	25/67 (37.3)	<0.0001
Outcome of HZI			
Recurrence	3/38 (8%)	4/70 (6%)	0.695
Postherpetic neuralgia	1/37 (2.7)	16/67 (23.9)	0.005
Bacterial skin suprainfection	10/37 (27)	9/65 (13.8)	0.100
Ophthalmic complication	0/38 (0)	1/70 (1.4)	1.000
Death	0 (0)	0 (0)	1.000

Results are presented in n (%), median (range), ESR - erythrocyte sedimentation rate, CRP - C-reactive protein.