Supplementary Table S1. Patient characteristics before and after propensity score matching for (**a**) EQ-5D 3L utility index, FACIT-Fatigue sum score and WPAI total activity impairment (**b**) WPAI absenteeism, WPAI presenteeism, WPAI overall work impairment, lost income due to absenteeism, presenteeism, and overall work impairment.

(a)

	Pre-matching			Post-matching		
	Non-flaring (n=488)	Flaring (n=241)	SMD (%)	Non-flaring (n=241)	Flaring (n=241)	SMD (%)
Ethnicity, %						
White	80.53	70.54	-23.37	70.95	70.54	-0.91
African ancestry	8.40	15.35	21.57	15.35	15.35	-1.14
Other	11.07	14.11	9.17	14.11	14.11	2.41
Mean time since SLE diagnosis, years	5.02	6.05	17.52	6.05	6.05	3.81
Current SLE disease severity, n (%)						
Mild	17.83	14.11	-10.15	14.11	14.11	0.00
Moderate	63.73	55.60	-16.60	54.77	55.60	1.67
Severe	18.44	30.29	27.82	31.12	30.29	-1.00

(b)

	Pre-matching			Post-matching		
	Non-flaring (n=214)	Flaring (n=122)	SMD (%)	Non-flaring (n=122)	Flaring (n=122)	SMD (%)
Ethnicity, %						
White	78.50	69.67	-20.19	69.67	69.67	0.00
African ancestry	8.41	13.93	17.54	14.75	13.93	-2.33
Other	13.08	16.39	9.31	15.57	16.39	2.23
Mean time since SLE diagnosis, years	4.30	5.75	29.14	5.65	5.75	1.95
Current SLE disease severity, n (%)						
Mild	19.16	16.39	-7.22	13.93	16.39	6.83
Moderate	64.49	48.36	-32.85	50.82	48.36	-4.90
Severe	16.36	35.25	44.07	35.25	35.25	0.00

Patients were considered as flaring if they had experienced ≥1 physician-defined flare in the 12 months prior to data collection and as not flaring if they had experienced no flares in the 12 months prior to data collection.
Current disease severity based on physician response to the question "What is the <u>current</u> level of disease severity for this patient?"
EQ-5D-3L: EuroQoL 5 Dimension 3 Level; FACIT-Fatigue: Functional Assessment of Chronic Illness Therapy-Fatigue; SMD: standardised mean difference; WPAI: Work Productivity and Activity Impairment questionnaire.

Supplementary Table S2. Patient characteristics before and after propensity score matching for HCRU outcomes.

	Pre-matching			Post-matching		
	Non-flaring (n=870)	Flaring (n=408)	SMD (%)	Non-flaring (n=408)	Flaring (n=408)	SMD (%)
Ethnicity, %						
White	76.32	66.18	-22.54	65.69	66.18	1.03
African ancestry	11.15	18.63	21.10	19.36	18.63	-1.87
Other	12.53	15.20	7.72	14.95	15.20	0.68
Mean time since SLE diagnosis, years	5.41	5.92	8.31	5.91	5.92	0.20
Current SLE disease severity, n (%)						
Mild	17.82	13.73	-11.23	12.99	13.73	2.16
Moderate	62.18	58.09	-8.36	60.29	58.09	-4.48
Severe	20.00	28.19	19.21	26.72	28.19	3.29

Patients were considered as flaring if they had experienced ≥1 physician-defined flare in the 12 months prior to data collection and as not flaring if they had experienced no flares in the 12 months prior to data collection.
Current disease severity based on physician response to question "What is the <u>current</u> level of disease severity for this patient?"
HCRU: healthcare resource utilisation; SLE: systemic lupus erythematosus; SMD: standardised mean difference.