

Table SI. Patients with therapy-resistant morphea treated with abatacept from 2009 to 2016

No.	Age/ Sex	Diagnosis	Time*	LoSCAT								Possible adverse effects	Earlier treatments	Comments					
				MRSS		Activity		Damage Total											
				1 st	2 nd	1 st	2 nd	1 st	2 nd	1 st	2 nd	1 st	2 nd						
1	29/F	GM	7 m			10	0	10	13	20	13			Nausea and vomiting	TC, UVA1, MTX,				
2	60/F	GM, LSA	22 m	9.0	5.0										TC, T, UVA1, Chloro, MTX, AZA, CsA	Good effect with softening of skin according to patient. Few lesions with activity and tightening.			
3	64/F	GM	3 m			6	3	11	11	17	14				UVA1, Chloro, MTX, CsA	Good effect with reduced symptoms from skin, muscle, joints and general well-being according to patient.			
4	44/F	GM	32 m	6	6									Herpes labialis	UVA1, SC, Chloro, MTX, AZA, CsA	Good effect according to patient.			
4 ^a			16 m			13	20	12	16	25	36								
5	24/F	GM	25 m			3	0	11	9	14	9			Headache	TC, UVA1, SC, Chloro, MTX	Good effect according to patient.			
6	29/F	GM, LSA	12 m			12	0	9	16	21	16				TC, T, UVA1, Chloro, MTX, CsA	Treatment stopped due to wish to conceive.			
7	17/F	GM, DM	1 m			23	^b	40	^b	63	^b			Fatigue. Diagnosed with ulcerative colitis	TC, T, UVA1, MTX				
8	53/F	GM, DM	19 m	18	2									Hypertension	TC, Chloro, SC, AZA, MTX, CsA, Mycophen				
9	47/F	DM, PP	9 m			18	3	14	13	32	16			Fatigue. diarrhoea and fever	UVA1, Chloro, SC, MTX	Good effect initially, but treatment stopped due to increasing tightening of skin, aching sensation in left leg, and fatigue.			
10	26/M	LM	13 m	5.0	1.5	^b	0	^b	10	^b	10			Fatigue and muscle soreness.	UVA1, Chloro, MTX				
10 ^a			18 m			0	0	22	21	22	21								
11	17/M	LMCS				4	^b	3	^b	7	^b			Sore throat, no fever	TC, T, UVA1, AZA, CsA, MTX	Awaiting follow-up			
				Measure of elements															
				cm × cm		cm ²													
				1 st	2 nd	1 st	2 nd												
12	53/F	LMCS	3 m	14 × 3.6	14 × 1.9	50.4	26.6							Oral aphthous ulcers	TC, UVA1, MTX	Regrowth of hair			
				16.4 × 3.2	12.8 × 1.6	52.5	20.5												
13	48/F	LMCS	21 m	13.8 × 3	12 × 2	41.4	24								TC, UVA1, MTX				

^aSame patient. ^bMissing data. *Time between 1st and 2nd assessment in Table.

GM: generalized localized scleroderma/morphea; DM: deep morphea; LM: linear localized scleroderma/morphea of the extremities; LMCS: linear localized scleroderma/morphea "en coup de sabre"; PP: atrophoderma idiopathica of Pierini and Pasini (superficial morphea); C: topical corticosteroids; T: tacrolimus 0.1% ointment; UVA1: UVA1 phototherapy (30–50 j/cm²); Chloro: hydroxychloroquine; SC: systemic corticosteroids; MTX: methotrexate; AZA: azathioprine; CsA: cyclosporine A; mycophen: mycophenolate mofetil.