

Table S1 Clinical information of the patients

Patient	Age (y)	Sex	Leishmania species	Lesions number	Involved site	Sporotrichoid	Treatment history	Performed therapies	Adverse effects	Outcome	
1	70	F	Major	7	Lower limb	+	-	Local	IL- Glucantime	-	Cure
								Systemic	Cryotherapy	-	
2	57	F	-	1	Face	-	-	Local	IL- Glucantime	-	Failure
								Systemic	IM- Glucantime	-	
									Amphotericin B ^a	Tachycardia	
3	38	F	Major	31	Face, body, upper limb, lower limb	+	IM- Glucantime	Local	IL- Glucantime	-	Cure
								Systemic	Amphotericin B	Hyperglycemia	
4	50	F	-	4	Upper limb, lower limb	-	IL- Glucantime Ampholeish oint	Local	IL- Glucantime	Local pain	Cure
								Systemic	IM- Glucantime	Arthralgia	
5	49	F	-	2	Lower limb	-	-	Local	IL- Glucantime	Local pain	Cure
6	37	F	-	5	Body, upper limb, lower limb	-	-	Local	IL- Glucantime	-	Cure
								Systemic	Sodium stibogluconate	-	

M: male; F: female; IL: intralésional; IM: intramuscular
^a The patient first was treated with IL and IM glucantime and after treatment failure underwent treatment with miltefosine. After second treatment failure she received Amphotericin B.

Table S2 Clinical information of the patients

Patient	Age (y)	Sex	Leishmania species	Lesions number	Involved site	Sporotrichoid	Treatment history	Performed therapies	Adverse effects	Outcome	
7	66	F	-	8	Face, upper limb, lower limb	+	terbinafine	Local	IL- Glucantime	Local pain	Unknown
								Systemic	IM- Glucantime	-	
									Sodium stibogluconate	-	
									Amphotericin B	Hypokalemia Fever Cough	
							Miltefosine				
8	35	F	Major	18	Upper limb, lower limb	-	IL- Glucantime IM- Glucantime	Systemic	Amphotericin B	Hyperkalemia Hyperphosphatemia Nephrotoxicity Hyperglycemia	Cure
9	74	M	-	1	Upper limb	-	Cryotherapy Fluconazole	Local	IL- Glucantime	Local pain Erythema	Cure
								Systemic	IM- Glucantime ^a	Amylase rise Lipase rise Leukopenia Abdominal pain	
10	29	F	-	3	Lower limb	+	-	Local	IL- Glucantime	Local pain Headache	Cure
									Cryotherapy	-	
								systemic	IM- Glucantime	Nausea vomiting	
11	81	F	-	4	Face	-	IL- Glucantime	Systemic	Amphotericin B	Hypokalemia Hyponatremia Nephrotoxicity Nausea vomiting Hypertension	Cure

^a IM glucantime was hold due to clinical pancreatitis.

Table S3 Clinical information of the patients

Patient	Age (y)	Sex	Leishmania species	Lesions number	Involved site	Sporotrichoid	Treatment history	Performed therapies	Adverse effects	Outcome	
12	53	M	Major	5	Lower limb	+	-	Local	IL- Glucantime	-	Cure
								Systemic	IM- Glucantime	-	
13	23	M	Major	6	Trunk, Upper limb, Lower limb	-	-	Local	IL- Glucantime	Local pain	Cure
									Ampholeish oint	-	
								Systemic	Amphotericin B	Hypokalemia Hypotension Bradycardia	
14	69	M	Tropica	3	Upper limb, Lower limb	-	Fluconazole	Local	IL- Glucantime	-	Cure
									Ampholeish oint	-	
								Systemic	IM- Glucantime ^a	Cardiotoxicity	
15	74	F	-	2	Upper limb	+	-		Amphotericin B	Nephrotoxicity Hypertension	Cure
									Fluconazole	-	
								Local	IL- Glucantime	-	
16	62	M	Major	1	Upper limb	-	-		IM- Glucantime	-	Cure
								Local	IL- Glucantime	Local pain	
17	55	F	Major	5	Face, lower limb	+	-	Local	IL- Glucantime	Erythema, edema	Cure
								Systemic	Amphotericin B	Hypokalemia Nausea vomiting	

^a IM glucantime was hold due to exacerbation of patient's heart failure and amphotericin B was substituted.

Table S4 Clinical information of the patients

patient	Age (y)	Sex	Leishmania species	Lesions number	Involved site	Sporotrichoid	Treatment history	Performed treatment	Adverse effect	Outcome
18	37	M	-	6	Upper limb, lower limb	-	IM- Glucantime Fluconazole	Systemic Amphotericin B	Nephrotoxicity	Cure
19	56	F	-	23	Trunk, upper limb, lower limb	-	IM- Glucantime Fluconazole	Systemic Amphotericin B	Nephrotoxicity	Cure
20	54	F	-	1	Face	-	IL- Glucantime Miltefosine terbinafine	Systemic Miltefosine	-	Failure ^a
21	72	M	Major	7	Upper limb	+	Fluconazole	Local Ampholeish oint	-	Cure
22	42	F	Major	17	Upper limb, lower limb	-	-	Systemic Amphotericin B	Constipation	Cure
23 ^b	60	F	-	3	Trunk	-	Ampholeish oint Fluconazole	Local IL- Glucantime	-	Cure
24	32	M	-	15	Lower limb	-	-	Systemic Sodium stibogluconate	Hypokalemia Nausea vomiting Asthenia	Cure
25	50	F	-	2	Upper limb, lower limb	-	-	Local IL- Glucantime	Anemia, dizziness, Nephrotoxicity, Rash	Cure
								Systemic IM- Glucantime	Local pain	Cure
								Local IL- Glucantime	Arthralgia, asthenia	Cure
								Systemic IM- Glucantime	Local pain Erythema, edema	Cure
								Local IL- Glucantime	Arthralgia, asthenia Dyspnea	Cure

^a Patient had cutaneous leishmaniasis lesions since 15 years ago and a history of spontaneous cure and relapse.

^b Patient had cutaneous psoriasis and psoriatic arthritis and was being treated with etanercept and methotrexate before anti-leishmania treatment.

Table S5 Clinical information of the patients

patient	Age (y)	Sex	Leishmania species	Lesions number	Involved site	Sporotrichoid	Treatment history	Performed treatment	Adverse effects	Outcome	
26	37	M	Major	1	Lower limb	-	-	Local	IL- Glucantime	Local pain	Cure
								Systemic	IM- Glucantime	Lipase rise	
									Sodium stibogluconate	Dyspnea Chest pain	
27	47	F	Major	5	Face, trunk	-	IM- Glucantime	Local	IL- Glucantime	-	Relapse
28	66	M	-	2	Upper limb	+	-	Local	IL- Glucantime	-	Unknown
								Systemic	IM- Glucantime ^a	Amylase rise	
29	53	F	Major	3	Face, upper limb	+	-	Local	IL- Glucantime	-	Cure
								Systemic	IM- Glucantime	-	
30	63	F	-	10	Lower limb	+	IL- Glucantime IM- Glucantime	Local	IL- Glucantime	-	Failure ^d
									Cryotherapy	-	
								Systemic	Amphotericin B ^c	Hypomagnesemia Fever, rash Dyspnea	
									Sodium stibogluconate	Amylase rise Lipase rise	

^a IM glucantime was hold due to increase of serum amylase. ^b Following the treatment failure of IM glucantime, amphotericin B was substituted.

^c Amphotericin B was hold due to dyspnea, rash and fever and sodium stibogluconate was substituted.

^d Patient had cutaneous leishmaniasis lesions since 5 years ago and a history of relapse.

Table S6 Clinical information of the patients

Patient	Age (y)	Sex	Leishmania species	Lesions number	Involved site	Sporotrichoid	Treatment history	Performed treatment	Adverse effects	Outcome	
31	9	F	-	1	Upper limb	-	-	Local	IL- Glucantime	-	Failure
									Cryotherapy	-	
32	36	M	Tropica	8	Upper limb, lower limb	-	-	Local	IL- Glucantime	-	Cure
								Systemic	IM- Glucantime	Headache	
									Fluconazole	-	
33	37	F	Major	8	Upper limb, lower limb	-	-	Local	IL- Glucantime	Local pain	Cure
									Ampholeish oint	-	
34	48	F	Major	8	Face, trunk, upper limb, lower limb	-	-	Systemic	Amphotericin B	Hypokalemia (ECG change) Hyperglycemia	Relapse
								Local	IL- Glucantime	Local pain	
35	24	M	Major	13	Face, upper limb, lower limb	+	IL- Glucantime IM- Glucantime	Systemic	Amphotericin B	Hypokalemia Hypocalcemia Nephrotoxicity	Cure
									IM- Glucantime	-	
36 ^a	59	M	-	10	Face, lower limb	-	IL- Glucantime IM- Glucantime	Local	Amphotericin B	Hypokalemia Fever	Unknown
								Systemic	IM- Glucantime	Nephrotoxicity Nausea vomiting Headache	

^a The patient was HIV- positive.