

## Supplementary material

Table I. All treatments analyses.

Variable	Description	Patients without FM	Patients with FM	<i>p</i>
gum	Never	132 (36.16)	17 (26.56)	0.269
	Current	195 (53.42)	41 (64.06)	
	In the past	38 (10.41)	6 (9.38)	
xylitol	Never	319 (88.37)	57 (89.06)	0.931
	Current	21 (5.82)	4 (6.25)	
	In the past	21 (5.82)	3 (4.69)	
Phluorur	Never	323 (88.74)	57 (89.06)	0.949
	Current	26 (7.14)	4 (6.25)	
	In the past	15 (4.12)	3 (4.69)	
Artificial saliva	Never	299 (82.83)	46 (71.88)	0.108
	Current	34 (9.42)	9 (14.06)	
	In the past	28 (7.76)	9 (14.06)	
Mucolytic	Never	287 (79.06)	56 (87.50)	0.054
	Current	19 (5.23)	5 (7.81)	
	In the past	57 (15.70)	3 (4.69)	
Specific lubricant gel	Never	311 (85.91)	58 (90.63)	0.557
	Current	30 (8.29)	3 (4.69)	
	In the past	21 (5.80)	3 (4.69)	
Dental cream	Never	285 (78.51)	46 (71.88)	0.503
	Current	65 (17.91)	15 (23.44)	
	In the past	13 (3.58)	3 (4.69)	
Pylocarpine	Never	173 (47.66)	24 (37.50)	0.089
	Current	101 (27.82)	16 (25.00)	
	In the past	89 (24.52)	24 (37.50)	
Nistatine	Never	335 (92.80)	60 (93.75)	0.699
	Current	4 (1.11)	0 (0.00)	
	In the past	22 (6.09)	4 (6.25)	
Fluconazole	Never	341 (94.20)	61 (96.83)	0.652
	Current	2 (0.55)	0 (0.00)	
	In the past	19 (5.25)	2 (3.17)	
Interferon	Never	354 (98.61)	64 (100.00)	0.637
	Current	2 (0.56)	0 (0.00)	
	In the past	3 (0.84)	0 (0.00)	
Artificial tears	Never	14 (3.77)	2 (3.13)	0.061
	Current	317 (85.44)	61 (95.31)	
	In the past	40 (10.78)	1 (1.56)	
Lubricant ophthalmological cream	Never	197 (53.97)	35 (54.69)	0.962
	Current	100 (27.40)	18 (28.13)	
	In the past	68 (18.63)	11 (17.19)	
Autologous serum	Never	309 (85.12)	57 (89.06)	0.573
	Current	31 (8.54)	3 (4.69)	
	In the past	23 (6.34)	4 (6.25)	
Tetracycline	Never	339 (94.17)	62 (98.41)	0.121
	Current	2 (0.56)	1 (1.59)	
	In the past	19 (5.28)	0 (0.00)	
Topical ophthalmological Cyclosporine A	Never	340 (94.44)	60 (93.75)	0.266
	Current	12 (3.33)	4 (6.25)	
	In the past	8 (2.22)	0 (0.00)	
Topical steroids	Never	315 (87.26)	57 (89.06)	0.835
	Current	4 (1.11)	1 (1.56)	
	In the past	42 (11.63)	6 (9.38)	
Plastic glasses	Never	354 (98.33)	63 (98.44)	0.91
	Current	5 (1.39)	1 (1.56)	
	In the past	1 (0.28)	0 (0.00)	

Variable	Description	Patients without FM	Patients with FM	<i>p</i>
Therapeutic Contact Lens	Never	352 (97.78)	63 (98.44)	0.549
	Current	3 (0.83)	1 (1.56)	
	In the past	5 (1.39)	0 (0.00)	
Hydrating body cream	Never	210 (58.66)	27 (42.19)	0.019
	Current	142 (39.66)	37 (57.81)	
	In the past	6 (1.68)	0 (0.00)	
Specific Bath gel	Never	286 (80.56)	46 (71.88)	0.144
	Current	65 (18.31)	18 (28.13)	
	In the past	4 (1.13)	0 (0.00)	
Specific hands soap	Never	331 (93.24)	51 (79.69)	0.001
	Current	22 (6.20)	13 (20.31)	
	In the past	2 (0.56)	0 (0.00)	
Humidifiers	Never	290 (81.69)	55 (85.94)	0.584
	Current	43 (12.11)	7 (10.94)	
	In the past	22 (6.20)	2 (3.13)	
Nose lavage	Never	303 (85.11)	54 (84.38)	0.653
	Current	29 (8.15)	7 (10.94)	
	In the past	24 (6.74)	3 (4.69)	
Nose lubricants	Never	317 (90.06)	56 (87.50)	0.459
	Current	20 (5.68)	3 (4.69)	
	In the past	15 (4.26)	5 (7.81)	
Specific vaginal soap	Never	305 (86.16)	48 (75.00)	0.013
	Current	37 (10.45)	15 (23.44)	
	In the past	12 (3.39)	1 (1.56)	
Vaginal lubricants	Never	259 (73.37)	34 (53.13)	0.003
	Current	73 (20.68)	21 (32.81)	
	In the past	21 (5.95)	9 (14.06)	
Cold protection	Never	300 (85.71)	48 (78.69)	0.305
	Current	48 (13.71)	12 (19.67)	
	In the past	2 (0.57)	1 (1.64)	
Pentoxifylin	Never	333 (98.81)	58 (96.67)	0.329
	Current	1 (0.30)	1 (1.67)	
	In the past	3 (0.89)	1 (1.67)	
Calcium-antagonists	Never	320 (95.24)	56 (93.33)	0.379
	Current	7 (2.08)	3 (5.00)	
	In the past	9 (2.68)	1 (1.67)	
ARA-II blockers	Never	330 (98.51)	60 (100.00)	0.341
	Current	5 (1.49)	0 (0.00)	
Alpha adrenergic blockers	Never	333 (99.11)	60 (100.00)	0.463
	Current	3 (0.89)	0 (0.00)	
Nitrates	Never	331 (98.51)	59 (98.33)	0.719
	Current	3 (0.89)	1 (1.67)	
	In the past	2 (0.60)	0 (0.00)	
Prostaglandins	Never	332 (98.81)	60 (100.00)	0.697
	Current	2 (0.60)	0 (0.00)	
	In the past	2 (0.60)	0 (0.00)	
Endotheline-Rc blockers	Never	334 (99.40)	60 (100.00)	0.549
	Current	2 (0.60)	0 (0.00)	
Phosphodiesterasa-5 inhibitor	Never	334 (99.70)	60 (100.00)	0.672
	Current	1 (0.30)	0 (0.00)	
NSAIDs	Never	68 (18.58)	3 (4.69)	0.008
	Current	142 (38.80)	35 (54.69)	
	In the past	156 (42.62)	26 (40.63)	
Steroids	Never	188 (51.23)	30 (46.88)	0.759
	Current	73 (19.89)	15 (23.44)	
	In the past	106 (28.88)	19 (29.69)	

Variable	Description	Patients without FM	Patients with FM	<i>p</i>
Steroids bolus	Never	232 (92.43)	44 (95.65)	0.433
	In the past	19 (7.57)	2 (4.35)	
Steroids doses	0 a 10 mg/d of prednisone or equivalent	95 (62.09)	19 (63.33)	0.56
	11 a 29 mg/d of prednisone or equivalent	26 (16.99)	3 (10.00)	
	>29 mg/d of prednisone or equivalent	32 (20.92)	8 (26.67)	
Anti-malarial	Never	182 (49.73)	29 (45.31)	0.331
	Current	106 (28.96)	16 (25.00)	
	In the past	78 (21.31)	19 (29.69)	
Azathioprine	Never	324 (89.01)	59 (92.19)	0.142
	Current	27 (7.42)	1 (1.56)	
	In the past	13 (3.57)	4 (6.25)	
Mycofelonic acid	Never	348 (95.87)	62 (96.88)	0.171
	Current	11 (3.03)	0 (0.00)	
	In the past	4 (1.10)	2 (3.13)	
Methotrexate	Never	313 (86.23)	57 (89.06)	0.805
	Current	26 (7.16)	4 (6.25)	
	In the past	24 (6.61)	3 (4.69)	
Leflunomide	Never	350 (96.95)	61 (96.83)	0.352
	Current	5 (1.39)	2 (3.17)	
	In the past	6 (1.66)	0 (0.00)	
Cyclophosphamide	Never	351 (96.96)	62 (96.88)	0.585
	Current	4 (1.10)	0 (0.00)	
	In the past	7 (1.93)	2 (3.13)	
Oral Cyclosporine A	Never	362 (99.72)	63 (98.44)	0.164
	In the past	1 (0.28)	1 (1.56)	
Tachrolimus	Never	358 (98.62)	64 (100.00)	0.64
	Current	4 (1.10)	0 (0.00)	
	In the past	1 (0.28)	0 (0.00)	
Dapsone	Never	360 (99.17)	64 (100.00)	0.465
	Current	3 (0.83)	0 (0.00)	
IV Inmunoglobulines	Never	356 (98.07)	62 (96.88)	0.503
	Current	2 (0.55)	0 (0.00)	
	In the past	5 (1.38)	2 (3.13)	
Plasmapheresis	Never	360 (99.45)	64 (100.00)	0.551
	Current	2 (0.55)	0 (0.00)	
Anti TNF- $\alpha$	Never	354 (97.52)	63 (98.44)	0.502
	Current	3 (0.83)	1 (1.56)	
	In the past	6 (1.65)	0 (0.00)	
Rituximab	Never	335 (92.29)	61 (95.31)	0.475
	Current	18 (4.96)	1 (1.56)	
	In the past	10 (2.75)	2 (3.13)	
Abatacept	Never	360 (99.17)	64 (100.00)	0.766
	Current	2 (0.55)	0 (0.00)	
	In the past	1 (0.28)	0 (0.00)	
Tocilizumab	Never	361 (99.72)	64 (100.00)	0.674
	Current	1 (0.28)	0 (0.00)	
Stenon Surgery	Never	364 (99.73)	64 (100.00)	0.675
	Current	1 (0.27)	0 (0.00)	
Lacrimal occlusion	Never	340 (93.15)	59 (92.19)	0.78
	Current	25 (6.85)	5 (7.81)	
Eyebrow reduction	Never	359 (100.00)	64 (100.00)	

**Table II.** Fatigue presence/absence based on autoantibodies positivity.

		Fatigue				
		No		Yes		
		n	%	n	%	
ANA	No	5	3.38%	7	2.61%	0.655
	Yes	143	96.62%	261	97.39%	
ANA (Antinuclear Antibodies) highest titre ever	1/40	1	.70%	0	0.00%	<b>0.015</b>
	1/80	7	4.90%	15	5.77%	
	1/160	8	5.59%	30	11.54%	
	1/320	34	23.78%	63	24.23%	
	1/640	36	25.17%	66	25.38%	
	1/1280	32	22.38%	41	15.77%	
	> higher	25	17.48%	31	11.92%	
	Unknown	0	0.00%	14	5.38%	
Anti-Ro+	No	7	4.73%	20	7.46%	0.279
	Yes	141	95.27%	248	92.54%	
Anti-La+	No	42	28.38%	95	35.45%	0.142
	Yes	106	71.62%	173	64.55%	

**Table III.** Presence of fatigue based on minor salivary gland biopsy findings.

Minor salivary gland biopsy		Fatigue			
		No		Yes	
		n	%	n	%
Histological criteria of Chisholm y Mason.	Normal	7	4.73%	10	3.73%
	Mild infiltrate	6	4.05%	16	5.97%
	Moderate infiltrate	5	3.38%	14	5.22%
	1 focus	9	6.08%	26	9.70%
	≥ 2 foci	25	16.89%	65	24.25%
	Unknown	96	64.86%	137	51.12%

p fatigue = 0.122