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Table SI. Demographic baseline of total thirty subjects

Characteristic	Value
Age (years), mean $\pm$ SD	26.9 $\pm$ 5.7
Gender (number)	
Female	16
Male	14
Duration of facial atrophic acne scarring (years), median	6
Fitzpatrick skin type (number)	
Type III	18
Type IV	12
Previous treatments (number)	
None	23
Ablative laser	4
Non-ablative laser	3
Dermabrasion	0

Table SII. Global improvement evaluated by dermatologists (number (%))

	M1		M2		M3		M6	
	NIMFRF	AFCO ₂ laser	NIMFRF	AFCO ₂ laser	NIMFRF	AFCO ₂ laser	NIMFRF	AFCO ₂ laser
0% improvement	0	0	0	0	0	0	0	0
1–25% improvement	13 (43.33%)	18 (60.00%)	15 (50.00%)	12 (40.00%)	16 (53.34%)	14 (46.67%)	12 (40.00%)	13 (43.33%)
26–50% improvement	16 (53.34%)	11 (36.67%)	14 (46.67%)	17 (56.67%)	13 (43.33%)	15 (50.00%)	17 (56.67%)	16 (53.34%)
51–75% improvement	1 (3.33%)	1 (3.33%)	1 (3.33%)	1 (3.33%)	1 (3.33%)	1 (3.33%)	1 (3.33%)	1 (3.33%)
76–100% improvement	0	0	0	0	0	0	0	0
<i>Z</i>	-1.221		-0.732		-0.487		-0.246	
<i>P</i>	0.222		0.464		0.626		0.806	

Note: M1, M2, M3 and M6 respectively represent one month, two months, three months and six months after treatments; NIMFRF, noninsulated microneedle fractional radiofrequency; AFCO₂, ablative fractional carbon dioxide.

Table SIII. Patient satisfaction for NIMFRF and AFCO₂ laser treatments (number (%))

	M1		M2		M3		M6	
	NIMFRF	AFCO ₂ laser	NIMFRF	AFCO ₂ laser	NIMFRF	AFCO ₂ laser	NIMFRF	AFCO ₂ laser
Dissatisfied	0	0	0	0	0	0	0	0
Somewhat satisfied	2 (6.67%)	2 (6.67%)	1 (3.33%)	1 (3.33%)	1 (3.33%)	1 (3.33%)	2 (6.67%)	1 (3.33%)
Satisfied	10 (33.33%)	16 (53.33%)	13 (43.33%)	12 (40.00%)	11 (36.67%)	12 (40.00%)	11 (36.67%)	13 (43.33%)
Very Satisfied	18 (60.00%)	12 (40.00%)	16 (53.33%)	17 (56.67%)	18 (60.00%)	17 (56.67%)	17 (56.67%)	16 (53.33%)
<i>Z</i>	-1.394		-0.246		-0.248		-0.126	
<i>P</i>	0.163		0.806		0.804		0.899	

Note: M1, M2, M3 and M6 respectively represent one month, two months, three months and six months after treatments; NIMFRF, noninsulated microneedle fractional radiofrequency; AFCO₂, ablative fractional carbon dioxide.