Supplementary Online Content

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eTable 1. Characteristics of Patients and Functional Results

eTable 2. Results of Qualitative Aesthetic Analysis

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Characteristics of Patients and Functional Results

Characteristic			Overall	Overall No./No. (%)		
Age, mean (range), y				38.2 (16-71)		
Female			62/90 (62/90 (68.9)		
Revision operation	1		36/90 (4	36/90 (40.0)		
Preop NOSE Total	Score, mean (SD)		70.4 (24	70.4 (24.9)		
Postop NOSE Total Score, mean (SD)			25.1 (25.4)			
AARG Length x width, mean (SD)				19.6 (2.4) × 4.8 (1.6)		
Pre and Post Op NOSE Scores (Paired T-Tests)						
Maneuver	Pre-op NOSE Mean	Post-op NOSE Mean	Р	95% CI)		
	(SD)	(SD)	Value			
SEG, n = 75	70.9 (24.2)	25.9 (26.1)	.001	(38.1 to 52.0)		
No SEG, n = 15	66.7 (25.7)	22. (23.4)	<.001	(29.9 to 63.4)		
LCT, n = 61	68.2 (28.7)	25.7 (26.8)	<.001	(33.9 to 51.2)		
No LCT, n = 29	74.1 (14.7)	24.1 (23.6)	<.001	(40.9 to 59.1)		
Large AARG, n = 45	76.3 (24.1)	31.6 (26.4)	<.001	(34.7 to 54.5)		
Small AARG, n = 43	65.1 (23.7)	19.1 (23.2)	<.001	(37.6 to 54.5)		
Total AARG, n = 90	70.5 (24.4)	25.1 (25.4)	<.001	(39.7 to 51.7)		
Comparison of Gro	oup Differences in Pre ar	nd Post NOSE Scores (Inde	pendent Sa	amples T-Tests)		
·	Mean (SD)		P	(95% CI)		
	SEG, n = 63	No SEG, n = 14	Value			
Pre-op NOSE	70.7 (24.9)	68.7 (25.7)	0.77	(-16.4 to		
				12.3)		
Post-op NOSE	25.9 (26.1)	22.0 (23.4)	0.6	(-3.9 to 7.4)		
	LCT, n = 50	No LCT, n = 27				
Pre-op NOSE	68.4 (28.8)	74.1 (14.7)	0.34	(-6.1 to 17.5)		
Post-op NOSE	25.7 (26.7)	24.1 (23.6)	0.8	(-14.1 to 10.9)		
	Large AARG, n = 37	Small AARG, n = 38		·		
Pre-op NOSE	75.2 (23.3)	64.6 (25.9)	0.06	(-21.7 to 0.6)		
Post-op NOSE	31.6 (26.4)	19.0 (23.4)	*0.04	(-24.6 to -0.6)		
Characteristic	Overall No./No. (%)		1	,		
Age, mean (range), y	38.2 (16-71)					
Female	62/90 (68.9)					
Revision	36/90 (40.0)					
operation	23/00 (.0.0)					
Preop NOSE Total Score, mean (SD)	70.4 (24.9)					

(SI) 25) 22 () 25 () 24) 31	ost-op NOSE Mean D) 5.9 (26.1) 2. (23.4) 5.7 (26.8) 1.1 (23.6) 6 (26.4)	P Value .001 <.001 <.001 <.001 <.001 <.001	(95% CI) (38.1 to 52.0) (29.9 to 63.4) (33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
(Paired T-Tests) DSE Mean Po (SI) 25) 22 () 25) 24) 31	D) 5.9 (26.1) 2. (23.4) 5.7 (26.8) 4.1 (23.6) 5.6 (26.4)	Value .001 <.001 <.001 <.001 <.001 <.001	(38.1 to 52.0) (29.9 to 63.4) (33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
(Paired T-Tests) DSE Mean Po (SI) 25) 22 () 25) 24) 31	D) 5.9 (26.1) 2. (23.4) 5.7 (26.8) 4.1 (23.6) 5.6 (26.4)	Value .001 <.001 <.001 <.001 <.001 <.001	(38.1 to 52.0) (29.9 to 63.4) (33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
Po (SE Mean Po (SE)) 25) 22) 25) 24) 31	D) 5.9 (26.1) 2. (23.4) 5.7 (26.8) 4.1 (23.6) 5.6 (26.4)	Value .001 <.001 <.001 <.001 <.001 <.001	(38.1 to 52.0) (29.9 to 63.4) (33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
Po (SE Mean Po (SE)) 25) 22) 25) 24) 31	D) 5.9 (26.1) 2. (23.4) 5.7 (26.8) 4.1 (23.6) 5.6 (26.4)	Value .001 <.001 <.001 <.001 <.001 <.001	(38.1 to 52.0) (29.9 to 63.4) (33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
(SI) 25) 22 () 25 () 24) 31	D) 5.9 (26.1) 2. (23.4) 5.7 (26.8) 4.1 (23.6) 5.6 (26.4)	Value .001 <.001 <.001 <.001 <.001 <.001	(38.1 to 52.0) (29.9 to 63.4) (33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
) 25) 22) 25) 25) 24) 31	5.9 (26.1) 2. (23.4) 5.7 (26.8) 5.1 (23.6) 6.6 (26.4)	.001 <.001 <.001 <.001 <.001	(29.9 to 63.4) (33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
) 22) 25) 24) 31	2. (23.4) 5.7 (26.8) 1.1 (23.6) 6 (26.4)	<.001 <.001 <.001 <.001	(29.9 to 63.4) (33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
) 25) 24) 31	5.7 (26.8) 1.1 (23.6) 1.6 (26.4)	<.001 <.001 <.001	(33.9 to 51.2) (40.9 to 59.1) (34.7 to 54.5)			
) 24	i.1 (23.6) 6 (26.4)	<.001 <.001	(40.9 to 59.1) (34.7 to 54.5)			
) 31	6 (26.4)	<.001	(34.7 to 54.5)			
,	,		,			
19).1 (23.2)	<.001	(37.6 to 54.5)			
			(1.00)			
) 25	5.1 (25.4)	<.001	(39.7 to 51.7)			
Comparison of Group Differences in Pre and Post NOSE Scores (Independent Samples T-Tests)						
Mean (SD)		Р	(95% CI)			
3 No	o SEG, n = 14	Value				
) 68	3.7 (25.7)	.77	(-16.4 to			
			12.3)			
) 22	2.0 (23.4)	.6	(-3.9 to 7.4)			
O No	o LCT, n = 27					
) 74	1.1 (14.7)	.34	(-6.1 to 17.5)			
) 24	l.1 (23.6)	.8	(-14.1 to			
			10.9)			
G, n = 37 Sm	nall AARG, n = 38					
\ C1	1.6 (25.9)	.06	(-21.7 to 0.6)			
) 64	0.0 (23.4)	*.04	(-24.6 to			
			-0.6)			
(0 No 3) 74 7) 24 RG, n = 37 Sn 3) 64	No LCT, n = 27 74.1 (14.7) 24.1 (23.6) RG, n = 37 Small AARG, n = 38	No LCT, n = 27 74.1 (14.7) 24.1 (23.6) 36, n = 37 Small AARG, n = 38 64.6 (25.9) .06			

Supplement Table 2: Results of Qualitative Aesthetic Analysis

Qualitative Aesthetic Analysis Intra-Class Correlaton Coefficients of 3 Raters								
	ICC	p-value						
Alar Furrow Pre	0.88	< 0.001						
Alar Furrow Post	0.704	< 0.001						
Alar Ridge Pre	0.696	< 0.001						
Alar Ridge Post	0.433	0.002						
Comparison of Pre and Post Operative Aesthetic Ratings for Each Rater and Attribute (Paired Samples T-Tests)								
	Pre-op Mean (SD)	Post-op Mean (SD)	p-value	95% CI				
Alar Furrow HC	2.08 (0.76)	2.57 (0.60)	<0.001	-0.68, -0.29				
Alar Furrow CH	2.25 (0.62)	2.65 (0.51)	<0.001	-0.54, -0.27				
Alar Furrow CB	1.86 (0.70)	2.29 (0.57)	<0.001	-0.59, -0.27				
Alar Ridge HC	1.39 (0.59)	1.58 (0.58)	0.052	-0.38, 0.001				
Alar Ridge CH	1.75 (0.67)	1.43 (0.55)	<0.001	0.16, 0.48				
Alar Ridge CB	2.25 (0.73)	2.19 (0.72)	0.559	-0.13, 0.24				