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 No./No. (%)
Age, mean (range), y	38.2 (16-71)
Female	62/90 (68.9)
Revision operation	36/90 (40.0)
Preop NOSE Total Score, mean (SD)	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 (SD)	Post-op NOSE Mean (SD)	P Value	95% CI)
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 Group Differences in Pre and Post NOSE Scores (Independent Samples T-Tests)				
	Mean (SD)		P Value	(95% CI)
	SEG, n = 63	No SEG, n = 14		
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. (%)
Age, mean (range), y	38.2 (16-71)
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AARG Length x width, mean (SD)	19.6 (2.4) × 4.8 (1.6)			

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Maneuver	Pre-op NOSE Mean (SD)	Post-op NOSE Mean (SD)	P Value	(95% CI)
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Comparison of Group Differences in Pre and Post NOSE Scores (Independent Samples T-Tests)

	Mean (SD)		P Value	(95% CI)
	SEG, n = 63	No SEG, n = 14		
Pre-op NOSE	70.7 (24.9)	68.7 (25.7)	.77	(−16.4 to 12.3)
Post-op NOSE	25.9 (26.1)	22.0 (23.4)	.6	(−3.9 to 7.4)
	LCT, n = 50	No LCT, n = 27		
Pre-op NOSE	68.4 (28.8)	74.1 (14.7)	.34	(−6.1 to 17.5)
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	Large AARG, n = 37	Small AARG, n = 38		
Pre-op NOSE	75.2 (23.3)	64.6 (25.9)	.06	(−21.7 to 0.6)
Post-op NOSE	31.6 (26.4)	19.0 (23.4)	*.04	(−24.6 to −0.6)

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