

Supplemental Table 3: Objective Aesthetic Outcomes in Extracorporeal Septoplasty

Study	Study group(s)	External nose deviation angle:	Results		
			NFRA	NLA	NTP
Jang & Kwon	Open ECS	- Preop mean I-shaped deviation 4.1° vs. postop mean 2.9°. - Preop mean C shaped deviation 169.2° vs. postop mean 176.3° <i>P</i> < 0.03	Preop mean 138.4° vs. postop mean 137.9°, <i>p</i> = 0.572	Preop mean 88.2° vs. postop mean 92.9°, <i>p</i> = 0.021	Preop mean 0.59 vs. postop mean 0.65 <i>p</i> < 0.001
Serna & Tapia	Open ECS	*Percentage improvement in nasal axis angle* - Mean 86% (range, 61.5–100%). <i>P</i> < 0.001	NR	NR	NR
Lee & Jang	Open ISS with adjuvant techniques vs. open ECS	<u>Open ECS</u> - Preop mean I-shaped deviation 6.80° vs. postop mean 1.76° <i>p</i> < 0.001** - Preop mean C shaped deviation 158.01° vs. postop mean 174.41° <i>p</i> < 0.001	<u>Open ECS</u> Preop mean 138.03° vs. postop mean 136.81°, <i>p</i> = 0.04	<u>Open ECS</u> Preop mean 89.81° vs. postop mean 92.27° <i>p</i> < 0.001	<u>Open ECS</u> Preop mean 0.51 vs. postop mean 0.56 <i>p</i> < 0.001
		<u>Open ISS</u> - Preop mean I-shaped deviation 6.25° vs. postop mean 1.58° <i>p</i> < 0.001 - Preop mean C shaped deviation 161.00° vs. postop mean 175.15° <i>p</i> < 0.001	<u>Open ISS</u> Preop mean 138.00° vs. postop mean 136.86°, <i>p</i> = 0.03	<u>Open ISS</u> Preop mean 90.36° vs. postop mean 91.88° <i>p</i> < 0.001	<u>Open ISS</u> Preop mean 0.53 vs. postop mean 0.59 <i>p</i> < 0.001
Loyo et al	Open ASR	- Preop mean 2.9° vs. postop mean 1.4°, <i>p</i> = 0.004	NR	Preop mean 98.5° vs. postop mean 98.5° <i>p</i> < 0.001	Preop mean 0.60 vs. postop mean 0.59 <i>p</i> < 0.67
Gode et al	Open ISS with asymmetrical spreader grafts vs. open ECS	<u>Open ECS</u> - Preop mean 2.42° vs. postop mean 1.48° <i>p</i> < 0.001	<u>Open ECS</u> Preop mean 146.7° vs. postop mean 143.8°, <i>p</i> = 0.035	<u>Open ECS</u> Preop mean 101.44° vs. postop mean 104.2° <i>p</i> < 0.266	NR
		<u>Open ISS</u> - Preop mean 6.23° vs. postop mean 2.13° <i>p</i> < 0.001	<u>Open ISS</u> Preop mean 146.8° vs. postop mean 146.3°, <i>p</i> = 0.665	<u>Open ISS</u> Preop mean 103.17° vs. postop mean 111° <i>p</i> < 0.001	
Unsal et al	Open ECS without rhinoplasty	NR	NR	Preop mean 93.4° ±9.3 vs. postop: 92.0° ±8.8, <i>p</i> = 0.005	Preop mean: 0.59 ±0.05 vs. postop mean: 0.58 ±0.04, <i>p</i> = 0.002

** Significant differences in the degree of improvement were not observed between the groups for any of the anthropometric measurements

***As calculated according to Goode's ratio

****Only a cohort of 32 patients (of 71) who had preoperative photographs and a minimum of 1-year postoperative photographs

Postop: Postoperatively

ECS: Extracorporeal septoplasty

NFRA: Nasofrontal angle

NLA: Nasolabial angle

NTP: Nasal tip projection: The angle between the nasal axis and the vertical facial axis, defined as a perpendicular line drawn midway from the interpupillary line. Difference between pre- and postoperative angles was converted into a percentage of improvement.

ISS: In-situ septoplasty

NR: Not recorded

Mth: month(s)

