

TABLE 1 Cohort demographics, management, and outcomes

Characteristic	TOTAL (N = 95)		EACA GROUP (N =47)		TXA GROUP (N = 48)		P-value (EACA vs. TXA)
	N (%)	Mean ± SD	N (%)	Mean ± SD	N (%)	Mean ± SD	
Sex							
Female	37 (39)		20 (43)		17 (36)		0.476
Male	58 (61)		27 (57)		31 (65)		
Age (months)		25.4 ± 35.8		21.8 ± 22.1		28.9 ± 45.5	0.662
Weight (kg)		12.3 ± 9.7		11.1 ± 4.4		13.5 ± 13.0	0.997
ASA status							
1	3 (3)		3 (6)		0 (0)		0.074
2	71 (75)		31 (66)		40 (83)		
3	20 (21)		13 (28)		7 (15)		
4	1 (1)		0 (0)		1 (2)		
Syndromic status							
Non-syndromic	88 (93)		41 (87)		47 (98)		0.046*
Syndromic	7 (7)		6 (13)		1 (2)		
Number of sutures							
1	65 (68)		32 (68)		33 (69)		0.933
2	15 (16)		8 (17)		7 (15)		
≥ 3	15 (16)		7 (15)		8 (17)		
Procedure category							
Anterior vault/FOA	64 (67)		32 (68)		32 (67)		0.858
Mid-posterior vault	16 (17)		7 (15)		9 (19)		
Total vault	15 (16)		8 (17)		7 (15)		
Operative time (minutes)		217 ± 75		224 ± 74		211 ± 77	0.542
ICU LOS (days)		3 ± 2		3 ± 1		4 ± 2	0.32
Hospital LOS (days)		6 ± 4		6 ± 1		7 ± 6	0.008*
Intraoperative Complications	3 (3)		3 (6)		0 (0)		0.075
Postoperative Complications	9 (9)		2 (4)		7 (15)		0.086

EACA = ϵ -aminocaproic acid, TXA = tranexamic acid, ASA = American Society of Anesthesiologists physical status classification, FOA = fronto-orbital advancement, ICU = intensive care unit, LOS = length of stay, SD = standard deviation

* = p-value < 0.05