

Title	Surgical and orthodontic approach for a patient with a severely constricted maxillary arch caused by bilateral cleft lip and palate
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Note	

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TABLE 1. Lateral Cephalometric Measurements

Measurements*	Initial	Pre-SARPE	Before two-jaw	Post-active	Post-retention	Normative mean			
	(9 Years, 0	(18 Years, 8	surgery	treatment	(24Years, 1	(10 Years, man)		(Adult, man)	
	Month)	Months)	(21 Years, 3	(22 Years, 1	Month)	Mean	SD	Mean	SD
Angular (degrees)									
SNA	73.1	69.6	67.7	73.3	73.3	81.8	3.4	81.5	3.3
SNB	69.5	73.1	72.8	70.1	70.2	77.5	3.1	78.2	4.0
ANB	3.6	-3.5	-5.1	3.2	3.1	4.2	1.8	3.2	2.4
Mp-FH	39.2	37.9	38.4	44.1	44.3	30.8	4.3	28.0	2.3
Gonial angle	138.4	130.4	129.9	141.1	142.1	126.3	5.2	120.9	6.5
U1-FH	60.0	87.4	115.6	101.8	101.8	110.6	4.7	112.4	7.6
L1-FH	64.0	68.6	68.8	70.2	66.0	55.9	7.5	56.7	7.8
L1-Mp	76.9	73.5	72.9	65.7	69.7	93.2	6.8	95.2	6.2
IIA	184.0	161.2	133.2	148.4	144.2	125.3	11.2	124.2	8.6
Occlusal plane angle	32.4	27.9	22.3	24.5	26.4	19.3	3.6	15.5	4.2
Linear (mm)									
S-N	70.1	71.9	72.5	72.5	72.6	66.1	1.6	72.2	3.3
N-Me	121.3	147.9	153.1	148.9	149.1	116.3	4.1	135.7	4.0
N/PP	53.9	62.5	62.5	67.3	67.2	51.1	1.8	60.0	1.8
Me/PP	65.3	83.0	87.9	79.7	79.9	63.1	3.3	74.6	3.0
PTM-A/PP	46.5	42.2	40.2	46.6	46.8	45.9	2.1	51.7	3.8
PTM-ANS/PP	48.4	48.7	49.5	51.1	51.4	50.2	2.4	56.4	3.4
Go-Me	59.3	71.2	73.0	64.4	62.0	64.6	2.8	76.6	4.4
Ar-Go	36.6	48.2	50.7	47.0	50.0	42.5	2.6	53.2	5.7
Ar-Me	90.7	110.0	113.5	106.2	106.6	97.7	3.0	115.6	6.8
Overjet	-10.3	-12.5	-4.1	2.3	0.4	3.3	1.4	3.3	1.0
Overbite	0.9	-4.6	-10.7	2.0	-0.8	3.5	2.6	3.3	1.7
A- point to N-perpendicular	-4.2	-11.3	-13.5	-7.0	-7.1			-	-
Wits appraisal	-7.1	-16.1	-12.2	-0.3	-1.3			-	-