



Title	Orthodontic-Surgical Approach for Treating Skeletal Class III Malocclusion With Severe Maxillary Deficiency in Isolated Cleft Palate
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TABLE 1. Lateral Cephalometric Measurements

Measurements*	Pretreatment	Posttreatment	Normative mean		
	(18 Years,4 Months)	(22 Years, 3 Months)	(Adult, Woman)		
			Mean	SD	
<i>Angular (degrees)</i>					
SNA	68.7	74.5	80.8	3.6	
SNB	75.3	73.3	77.9	4.5	
ANB	-6.6	1.2	2.8	2.4	
Mp-FH	39.0	42.7	30.5	2.1	
Gonial angle	140.8	147.6	122.1	5.3	
U1-FH	98.6	110.2	112.3	8.3	
L1-FH	78.6	52.3	56.0	8.1	
L1-Mp	62.5	85.0	93.4	6.8	
IIA	160.0	122.1	123.6	10.6	
Occlusal plane angle	27.4	25.7	16.9	4.4	
<i>Linear (mm)</i>					
S-N	65.7	66.1	67.9	3.7	
N-Me	112.7	112.7	125.8	5.0	
N/PP	50.6	47.9	56.0	2.5	
Me/PP	61.7	64.1	68.6	3.7	
PTM-A/PP	35.5	39.5	47.9	2.8	
Go-Me	61.8	63.4	71.4	4.1	
Ar-Go	41.3	38.5	47.3	3.3	
Ar-Me	98.2	98.2	106.6	5.7	
Overjet	-1.5	3.5	3.1	1.1	
Overbite	3.5	1.8	3.3	1.9	
A-point to N-perpendicular	-13.7	-8.3	-	-	
Wits appraisal	-15.3	-4.8	-	-	

* SNA=sella (S)-nasion (N)-point A angle; SNB=S-N-point B angle; ANB=point A-N-point B angle; Mp-FH angle between Frankfort horizontal plane (FH) and Mp; Gonial angle = angle between Mp and gonial plane ;U1=upper incisor; L1=lower incisor; IIA = inter-incisal angle; Occlusal plane angle =angle between SN and occlusal plane;S-N = distance between S and N;N-Me=distance between N and Menton (Me) ;PTM-A/PP = distance between point A and pterygomaxillary fissure (PTM) projected on palatal plane (PP); Go-Me = distance between Gonion (Go) and Me; Ar-Go = distance articulare (Ar) and Go; Ar-Me = distance between Ar and Me; N/PP = distance between N and palatal plane; Me/PP = distance between Me and palatal plane;