



CEPHALOMETRIC ANALYSIS
Patient: Mr Ahmed Laaziz
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Cephalometric angles : Analyses by various authors

Steiner analysis

Name	Description	Normal	Standard Deviation
Skeletal			
SNA (°)	Sella-Nasion to A Point Angle	82 degrees	+/- 2
SNB (°)	Sella-Nasion to B Point Angle	80 degrees	+/- 2
ANB (°)	A point to B Point Angle	2 degrees	+/- 2
Occlusal Plane to SN (°)	SN to Occlusal Plane Angle	14 degrees	—
Mandibular Plane (°)	SN to Mandibular Plane Angle	32 degrees	—
Dental			
U1-NA (degree)	Angle between upper incisor to NA line	22 degrees	—
U1-NA (mm)	Distance from upper incisor to NA line	4 mm	—
L1-NB (degree)	Angle between lower incisor to NB line	25 degrees	—
L1-NB (mm)	Distance from lower incisor to NB line	4 mm	—
U1-L1 (°)	Upper incisor to lower incisor angle	130 degrees	—

Downs analysis

Name	Description	Normal	Standard Deviation
Skeletal			
Facial Angle (°)	Angle between Nasion-Pogonion and Frankfurt Horizontal Line	87.8	+/- 3.6
Angle of Convexity (°)	Angle between Nasion – A point and A point – Pogonion Line	0	+/- 5.1
Mandibular Plane Angle (°)	Angle between Frankfort horizontal line and the line intersecting Gonion-Menton	21.9	+/- 5
Y Axis (°)	Sella Gnathion to Frankfurt Horizontal Plane	59.4	+/- 3.8
A-B Plane Angle (°)	Point A-Point B to Nasion-Pogonion Angle	-4.6	+/- 4.6
Dental			
Cant of Occlusal Plane (°)	Angle of cant of occlusal plane in relation to FH Plane	9.3	+/- 3.8
Inter-Incisal Angle (°)		135.4	+/- 5.8
Incisor Occlusal Plane Angle (°)	Angle between line through long axis of Lower Incisor and occlusal Plane	14.5	+/- 3.5
Incisor Mandibular Plane Angle (°)	Angle between line through long axis of Lower incisor and Mandibular Plane	1.4	+/- 3.8
U1 to A-Pog Line (mm)		2.7	+/- 1.8

Patient Results

Name	Value	Standard Deviation
Skeletal		
SNA (°)	85.53 °	(82°) +/- 2
SNB (°)	78.82 °	(80°) +/- 2
ANB (°)	6.71 °	(2°) +/- 2
Occlusal Plane to SN (°)	12.18 °	(14°)
Mandibular Plane (°)	31.62 °	(32°)
Dental		
U1-NA (degree)	23.33 °	(22°)
U1-NA (mm)	2.19 mm	(4 mm)
L1-NB (degree)	20.57 °	(25°)
L1-NB (mm)	4.18 mm	(4 mm)
U1-L1 (°)	120.02 °	(130°)

Interpretation of Cephalometric Data

protrusive or prognathic maxilla	SNA Angle
Normal	SNB Angle
Class II skeletal jaw relationship, protrusive maxilla or retrognathic mandible.	ANB Angle
Interpretation	Angle