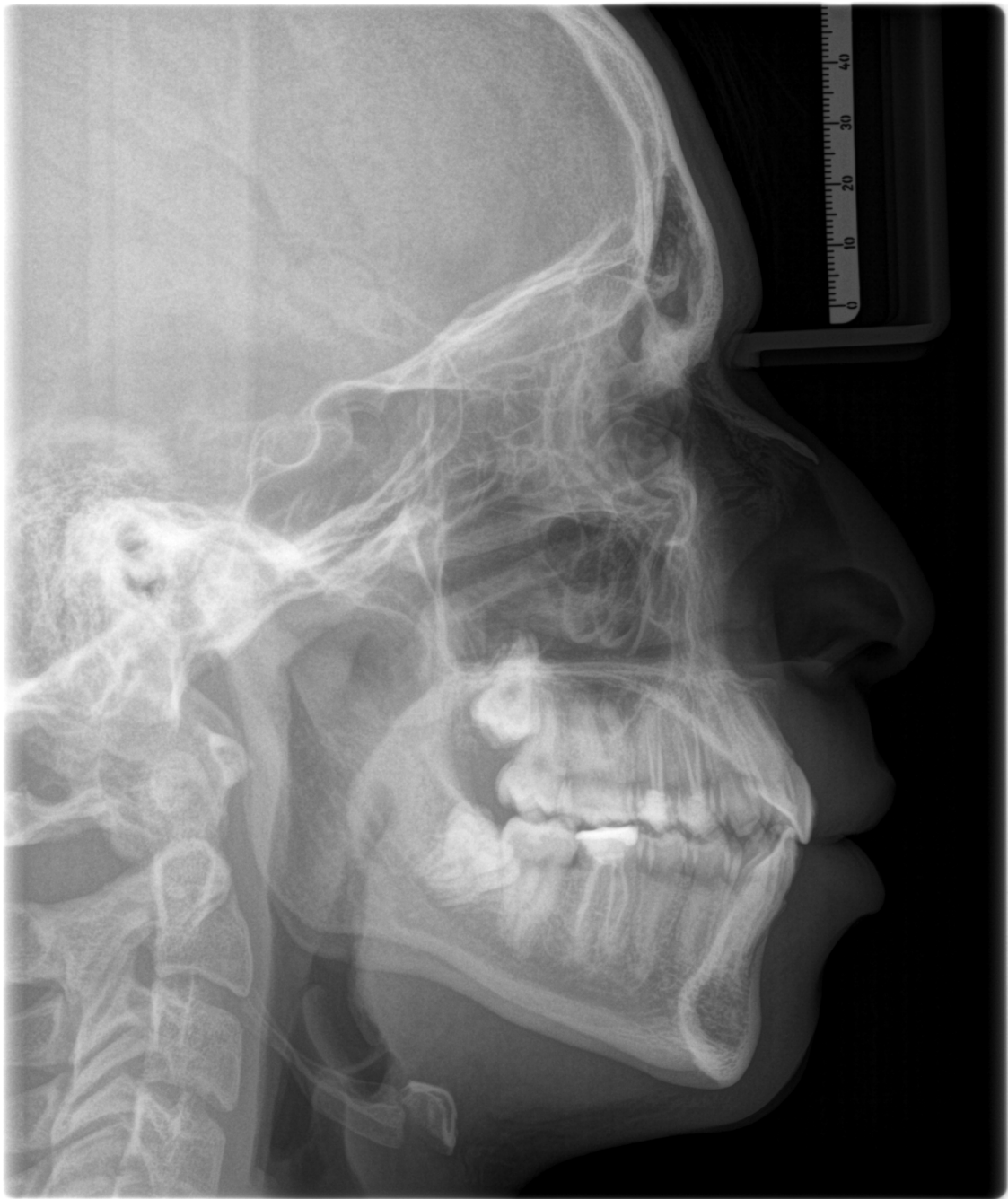


Lateral Cephalometric Analysis

De-identified record · Male, 17 years



Lateral cephalogram, right-facing profile. Scale reference visible at upper right.

Skeletal

Measurement	Mean	SD	Result		Interpretation
SNA	82.5	3.6	86.8	*	Maxilla prognathic
SNB	80.4	3.1	81.4		Mandible A-P position normal
ANB	1.7	2.7	5.4	*	Skeletal Class II
Bjork sum	396	6.0	393.0		Normodivergent skeletal pattern
FMA	25	4.8	25.7		Normodivergent facial pattern
Gonial angle	127.8	6.2	119.7	*	Acute gonial angle
APDI	82.2	3.8	84.4		Skeletal Class I
ODI	74.5	6.1	76.6		Normal overbite depth indicator
Combination factor	156.5	6.6	161.0		Normal combination factor
A to N-Perp (FH)	0.8	2.3	4.4	*	Maxilla prognathic
B to N-Perp (FH)	-4.3	3.6	-2.4		Mandible A-P position normal
Pog to N-Perp (FH)	-0.3	3.8	-3.5		Chin A-P position normal
FH to AB	86.9	4.0	81.1	*	Skeletal Class II
A-B to mandibular pl.	69.5	4.8	73.2		Normal AB angle to mandibular plane
Wits appraisal	-1	2.0	0.8		Skeletal Class I

Dental

Measurement	Mean	SD	Result		Interpretation
Overjet	2.6	1.2	1.7		Normal overjet
Overbite	2.6	1.4	1.1	*	Infraclusion
U1 to FH	116.5	6.0	109.8	*	Upper incisor retroclined
U1 to SN	103	5.7	102.4		Normal upper incisor inclination
U1 to UOP	56.3	5.0	61.1		Upper incisor normal
IMPA	89	5.0	94.5	*	Lower incisor proclined
L1 to LOP	14.5	3.8	66.4	***	Lower incisor retroclined
Interincisal angle	133.7	5.8	130.0		Normal interincisal angle
Cant of occlusal plane	9.3	3.7	7.9		Normal occlusal plane angle
U1 to NA (mm)	4.2	2.0	1.6	*	Upper incisor retracted
U1 to NA (deg)	23	4.0	15.7	*	Upper incisor retroclined
L1 to NB (mm)	4	2.0	7.9	*	Lower incisor protrusive
L1 to NB (deg)	25	5.0	29.0		Normal lower incisor inclination
Upper incisal display	2	2.0	-0.6	*	Reduced incisal display

Soft tissue

Measurement	Mean	SD	Result		Interpretation
Upper lip to E-plane	-4	2.0	1.9	**	Upper lip protrusive
Lower lip to E-plane	-2	2.0	3.5	**	Lower lip protrusive
Nasolabial angle	102.5	8.5	103.4		Normal lip position
Extraction index	153.8	7.8	155.6		Normal

Asterisks denote deviation from the population mean: * >1 SD · ** >2 SD · *** >3 SD. Angular values in degrees, linear values in millimetres. Norms are population averages and are not diagnostic thresholds in isolation.

This document reproduces measurement values and a radiographic image for record-keeping purposes. It is not a clinical diagnosis or treatment plan. Cephalometric values are sensitive to landmark identification and head positioning, and should be interpreted by a qualified orthodontist alongside clinical examination, study models and photographs.