

Differential Diagnosis & Clinical Analysis

Angle Class I , Bimaxillary Protrusion

ORTHODONTISTS NAME	CODE: A
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I = TWEED COURSE INSTRUCTOR, M = TWEED MEMBER, A = APPLICANT FOR MEMMBERSHIP

DIFFERENTIAL DIAGNOSIS AND CLINICAL ANALYSIS

[illegible]

BEGIN TX. AGE 13 Y 6 M SEX M BIRTHDAY 09 / 07 / 2002 TREATMENT TIME : 23 MONTHS

DATE									
NORMAL		PRE-TX		PROGRESS		FINAL		POST-TX	
FMIA	67	54.5				71.5			
FMA	25	23.0				21.0			
IMPA	88	102.5		####		87.5		###	
SNA	82	84.0				83.5			
SNB	80	80.0				80.0			
ANB	2	4.0		0.0		3.5		0.0	
AO-BO	2mm	-2.0	mm	mm		-4.0	mm	mm	
OCC PLANE	10	9.0				9.0			
Z ANGLE	75	60.0				72.0			
UPPER LIP		12.0	mm	mm		16.0	mm	mm	
TOTAL CHIN		11.0	mm	mm		14.0	mm	mm	
POST. FACIAL HT.	45mm	55.0	mm	mm		60.0	mm	mm	
ANT. FACIAL HT.	65mm	74.5	mm	mm		76.0	mm	mm	
FAC. HT. INDEX	0.69	0.74		####		0.79		###	
FAC. HT. CHANGE	2:1	XXXX		/		/		/	
MAND. CUSPID WIDTH		30.5	mm	mm		28.0	mm	mm	
MAND. MOLAR WIDTH		51.0	mm	mm		47.0	mm	mm	

READOUT START

7 6 5 5 6

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FINISH

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DIAGNOSIS:

A. Skeletal : Class I

B. Dental : Angle Class I
Bi-Max

C. Perio : n.p.

D. Facial : Convex

CRANIAL FACIAL ANALYSIS

	Ceph.	Difficulty	
Normal Range	Value	Factor	Difficulty
FMA 22-28	23.0	5	0
ANB 1-5	4.0	15	0
Z-ANGLE 70-80	60.0	2	20
OCC. PLANE 8-12	9.0	3	0
SNB 78-82	80.0	5	0
PFH/AFH 0.65-0.75	0.74	3	0
C.F. Difficulty Total			20

TOTAL SPACE ANALYSIS

		Difficulty	
Anterior		Factor	Difficulty
Tooth Arch Disc.	1.0	1.5	1.5
Headfilm Disc.	11.0	1	11.0
Total	12.0		
Mid Arch			
Tooth Arch Disc.	0.0	1.0	0.0
Curve of Spee	3.0	1.0	3.0
Total	3.0		
Horizontal Occlusal Disharmony			
(Class II or Class III)	0.0	2.0	0.0
Posterior			
Tooth Arch Disc.	22.0		
(-)expected Inc.	12.0		
Total	10.0	0.5	5.0
Space Analysis Total	25.0	Space Analysis	
		Difficulty Total	20.5

C.F. Difficulty Total	20.0
Space Analysisi Difficulty Total	20.5
Total Difficulty	40.5

E. Habits : n.p.
 1. Thumb Sucker
 2. Tongue Thrust
 3. Bruxism

F. Joint Health : n.p.

TRERATMENT PLANNING, TIMING
 EXTRACTIONS:
 MAXILLARY
 RIGHT (8)4 LEF 4(8)
 MANDIBULAR
 RIGHT (8)4 LEF 4(8)

(Please Indicate Missing Teeth)

DIFFICULTY INDEX :

Mild 0 - 60
 Moderate 60 - 120
 Severe over 120

Oral Photos

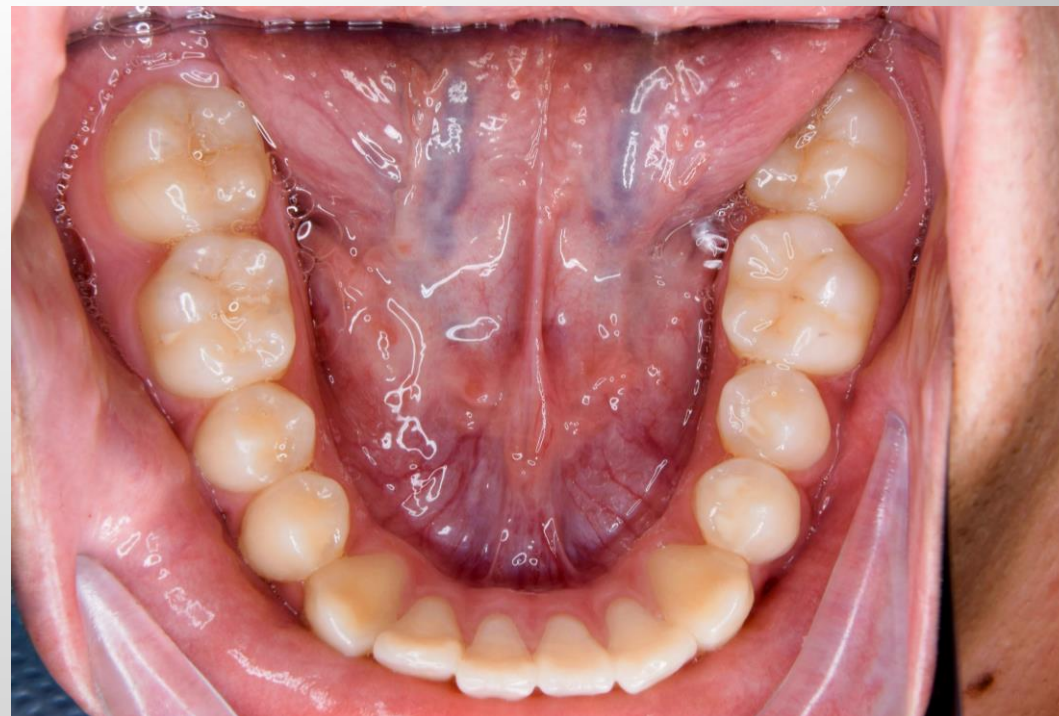
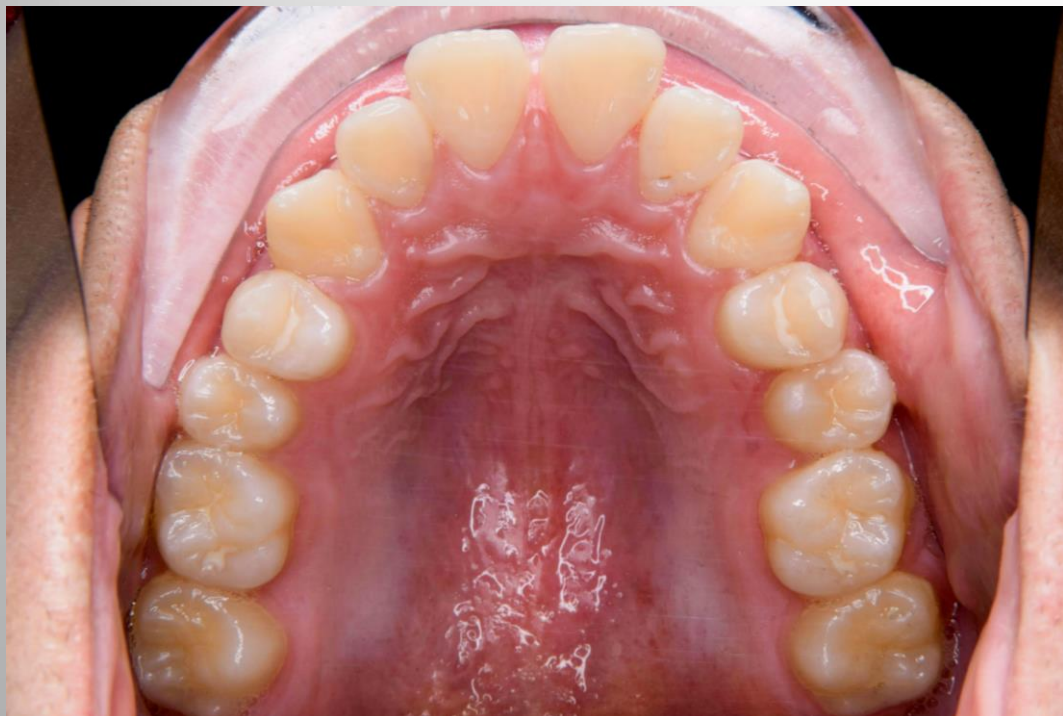


Pre Treatment

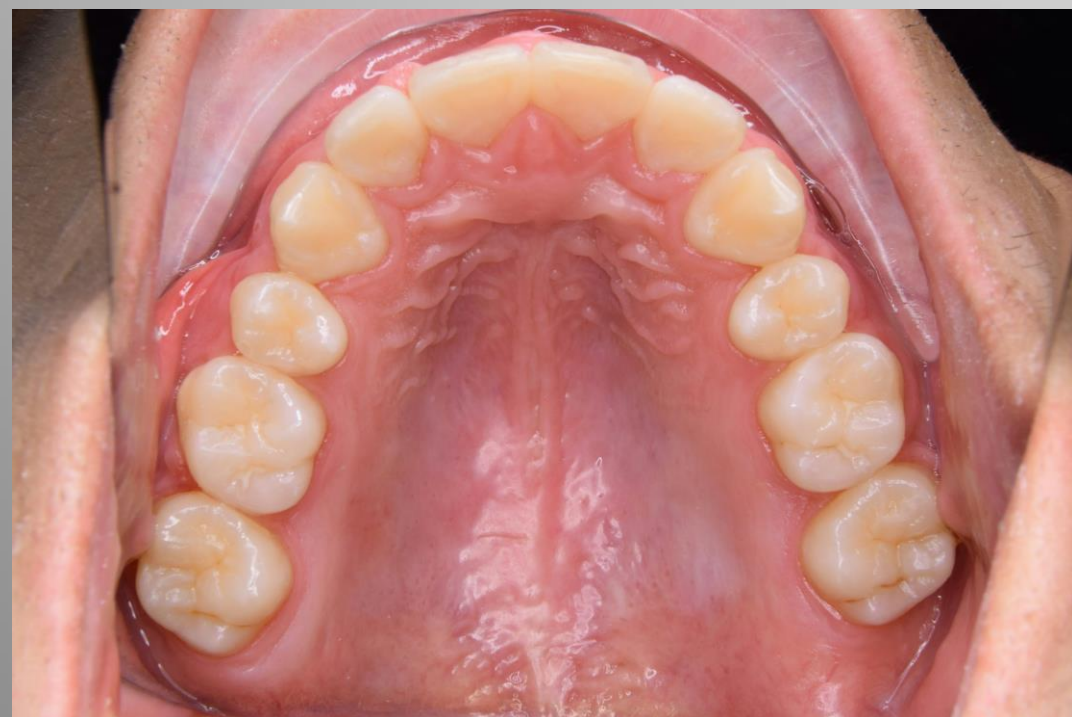


Post Treatment

Oral Photos

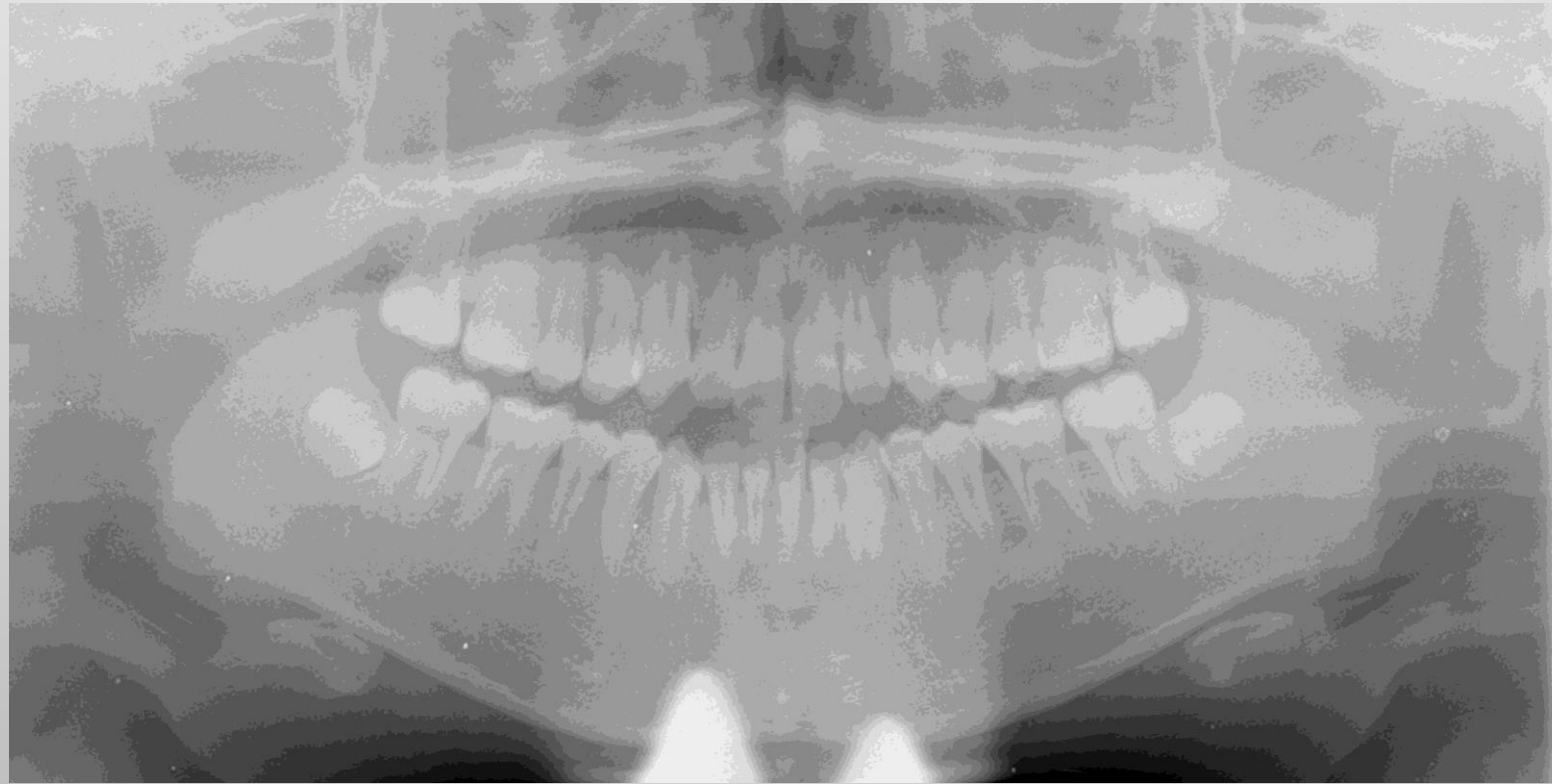


Pre Treatment

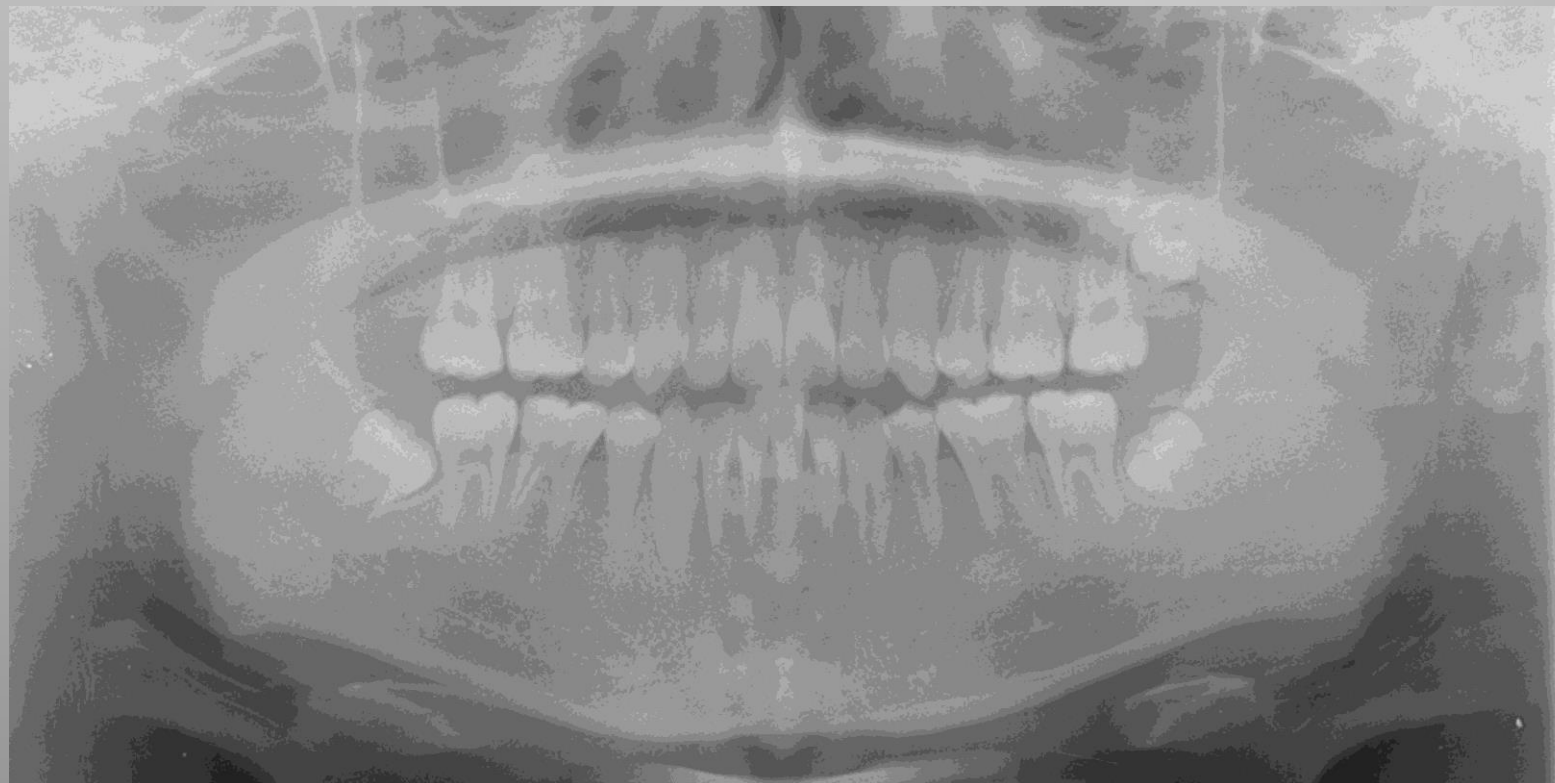


Post Treatment

Panorama X ray Photos



Pre Treatment

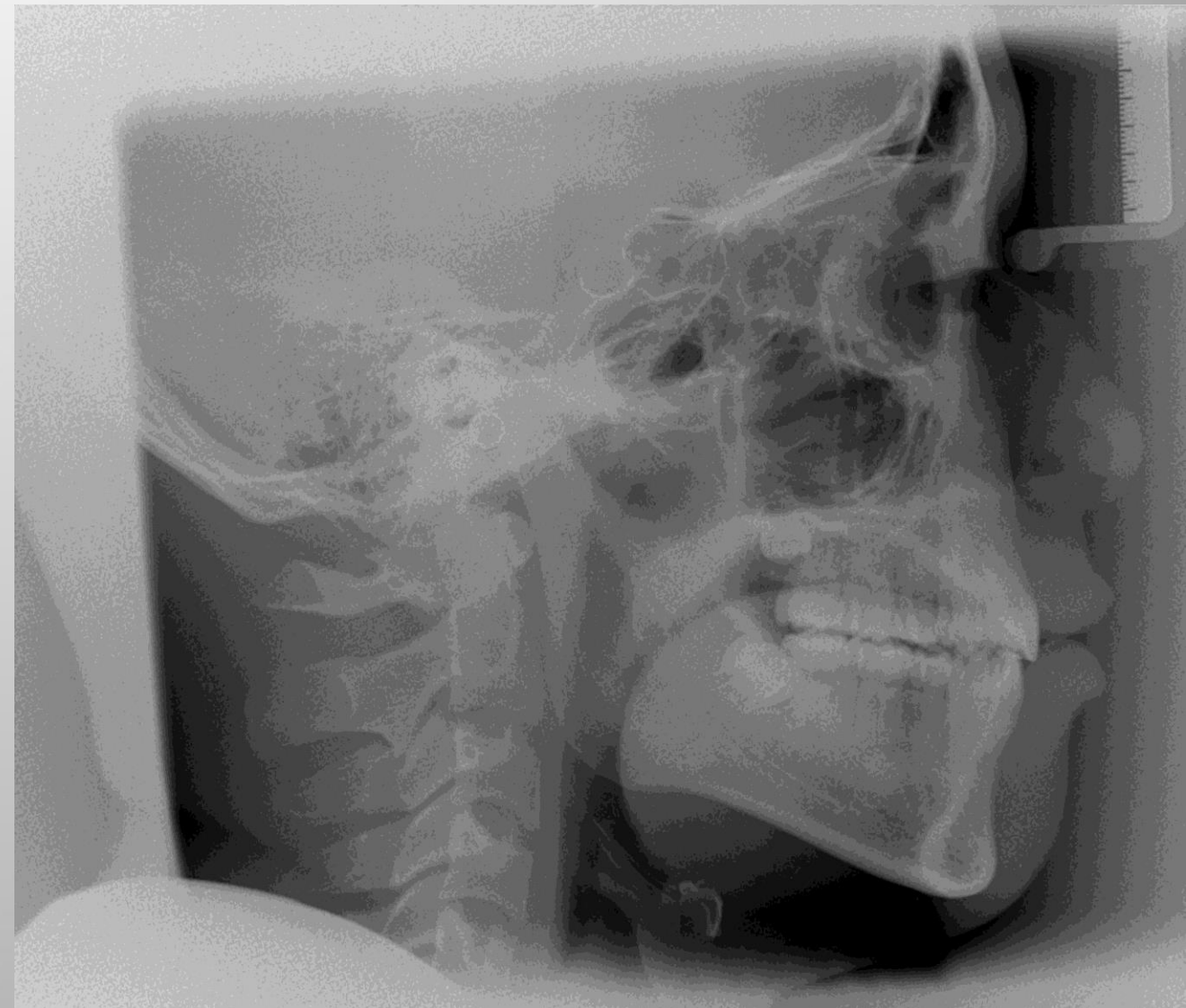


Post Treatment

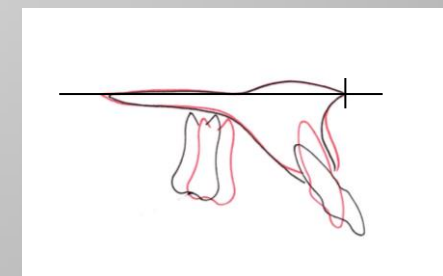
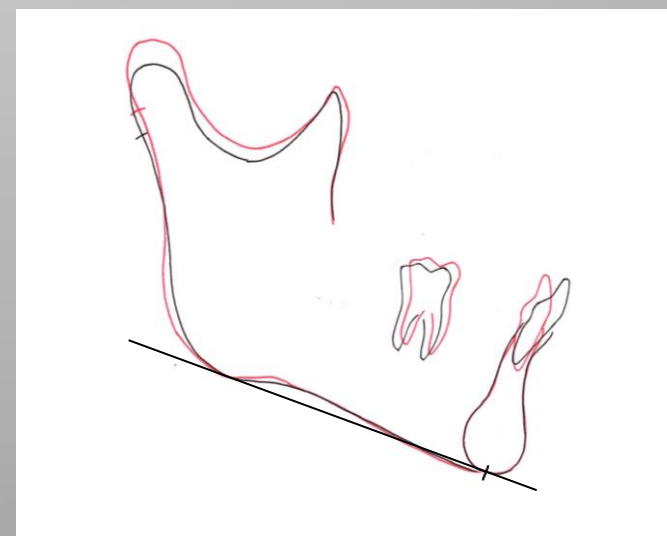
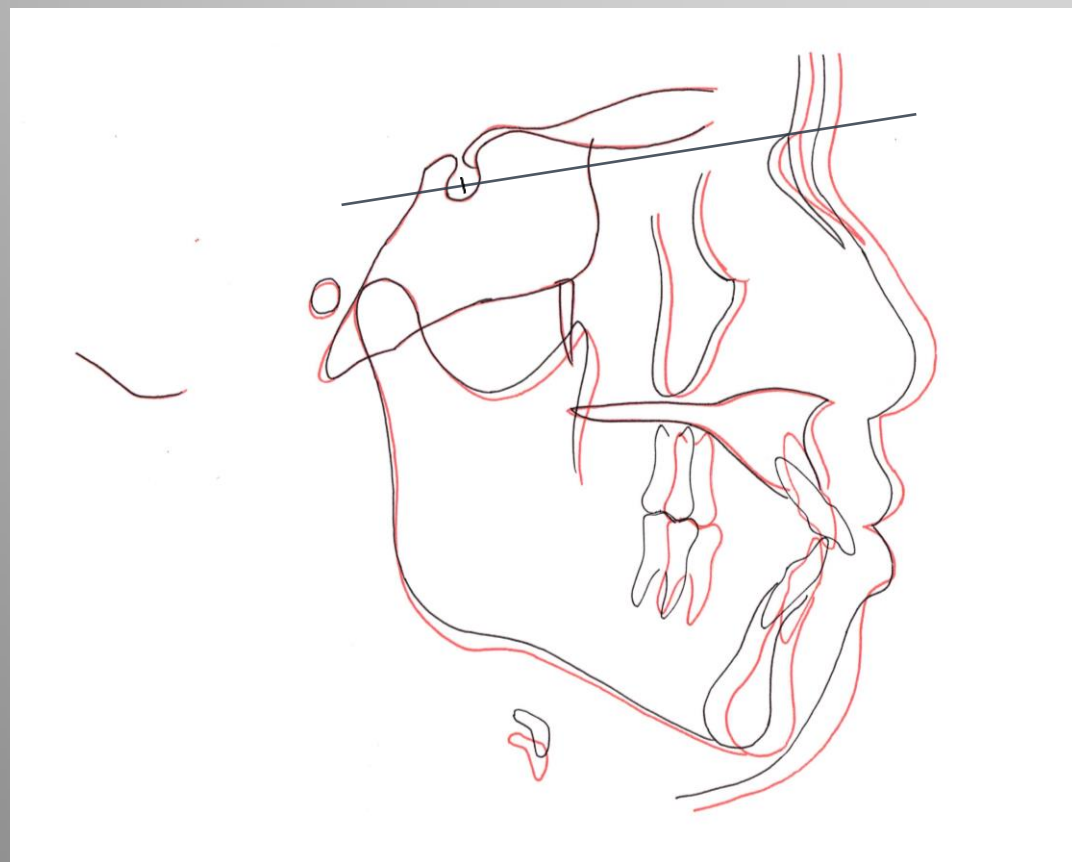
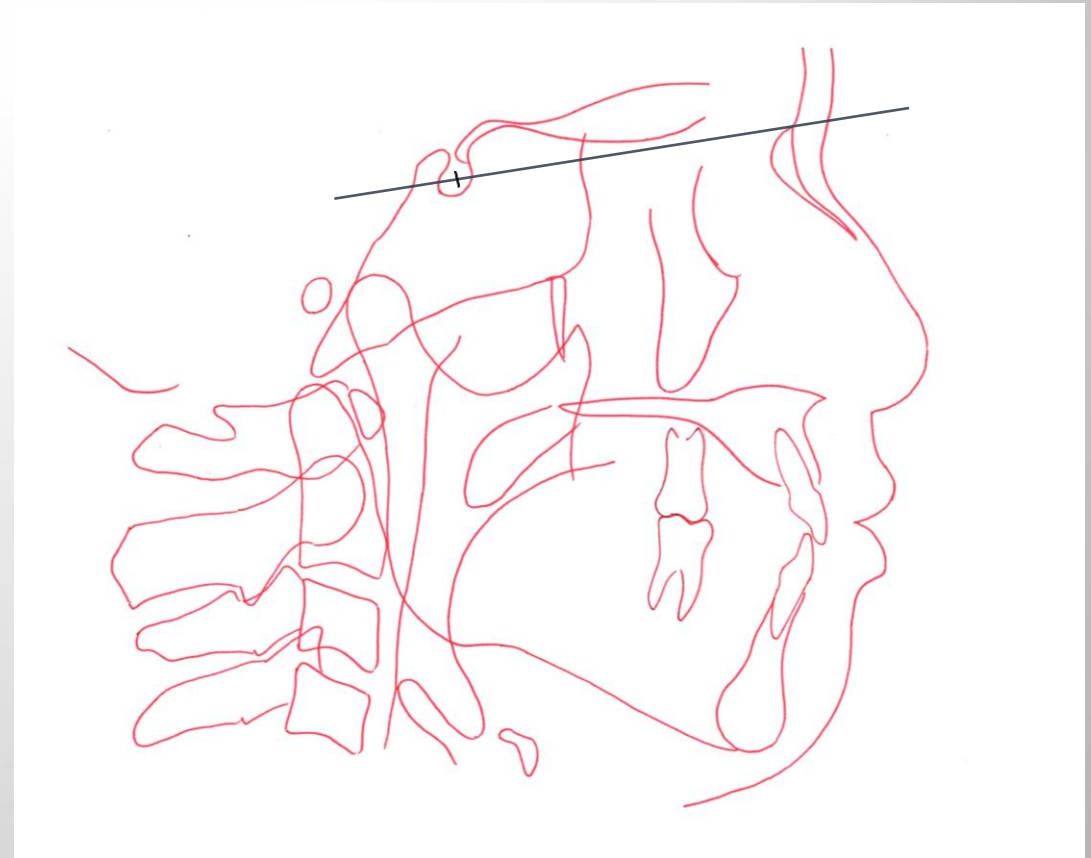
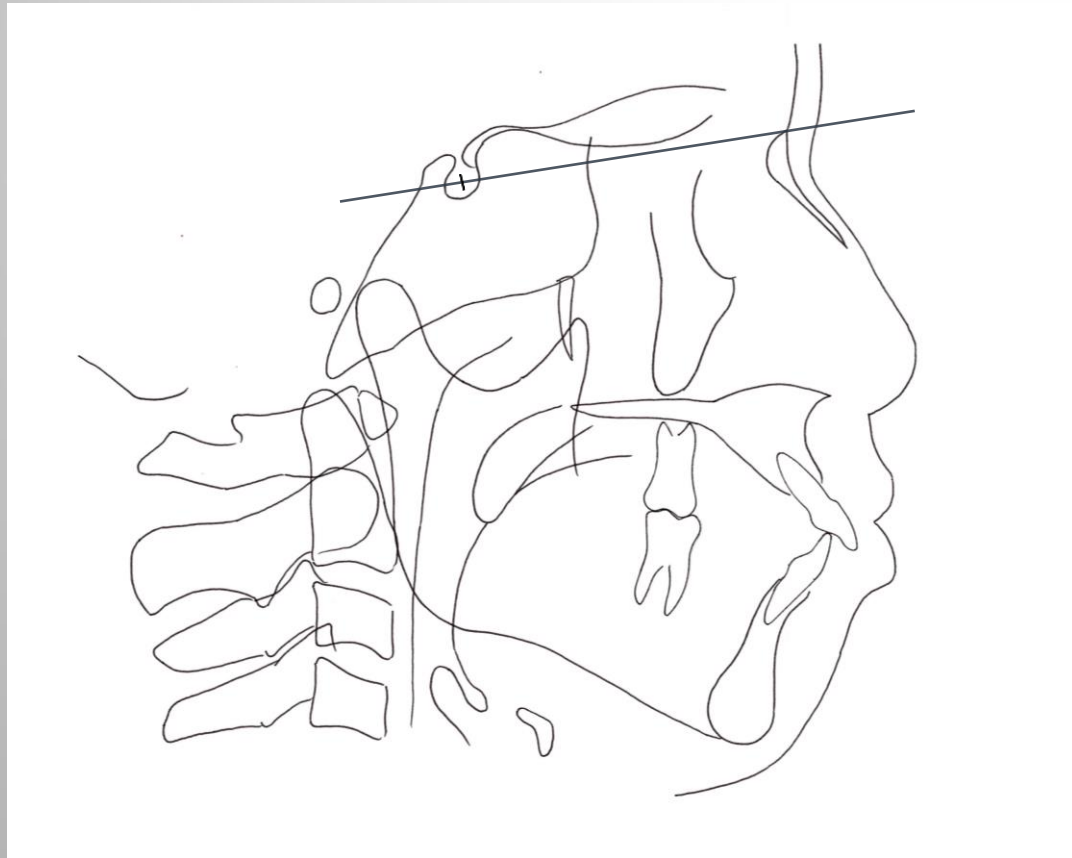
Cephalo X ray Photos



Pre Treatment



Post Treatment



Pre-treatment ———
 Post-treatment ———