

Differential Diagnosis & Clinical Analysis

Angle Class II div.1 skeletal Class II high angle open bite case with U4/L5 extraction

ORTHODONTIST'S NAME		-----						CODE :		M					
I = TWEED COURSE INSTRUCTOR, M = TWEED MEMBER, A = APPLICANT FOR MEMMBERSHIP															
DIFFERENTIAL DIAGNOSIS AND CLINICAL ANALYSIS															
PATIENT'S FIRST NAME :			INI		LAST NAME :										
BEGIN TX. AGE	16Y 8M	SEX	F	BIRTHDAY	1996 / 04 / 04			TREATMENT TIME :	29 MONTHS						
DATE		2012/12/23		2015/10/12			READOUT <u>START</u>								
	NORMAL	PRE-TX		PROGRESS		FINAL		POST-TX		7	6	5	5	6	7
FMIA	67	51.0				60.5				U					
FMA	25	37.5				35.0				L					
IMPA	88	91.5				84.5						<u>FINISH</u>			
SNA	82	81.0				80.0				U					
SNB	80	75.5				74.5				L					
ANB	2	5.5				5.5									
AO-BO	2mm	-1.5	mm	mm		-2.5	mm	mm		DIAGNOSIS:					
OCC PLANE	10	18.5				20.5				A. Skeletal :		Class II			
Z ANGLE	75	61.5				68.5				B. Dental :		Angle Class II			
UPPER LIP		13.0	mm	mm		13.0	mm	mm				Open bite			
TOTAL CHIN		16.0	mm	mm		14.0	mm	mm		C. Perio :		NP			
POST. FACIAL HT.	45mm	42.0	mm	mm		42.0	mm	mm		D. Facial :		Convex type			
ANT. FACIAL HT.	65mm	68.0	mm	mm		67.0	mm	mm		E. Habits :		Tonge thrusting			
FAC. HT. INDEX	0.69	0.62				0.63				F. Joint Health :		Thin mandibular condyle			
FAC. HT. CHANGE	2:1			/		/		/							
MAND. CUSPID WIDTH		27.3	mm	mm		26.9	mm	mm							
MAND. MOLAR WIDTH		54.0	mm	mm		48.3	mm	mm							

CRANIAL FACIAL ANALYSIS			
	Ceph.	Difficulty	
Normal Range	Value	Factor	Difficulty
FMA 22-28	37.5	5	48
ANB 1-5	5.5	15	8
Z-ANGLE 70-80	61.5	2	17
OCC. PLANE 8-12	18.5	3	20
SNB 78-82	75.5	5	13
PFH/AFH 0.65-0.75	0.62	3	9
	C.F. Difficulty Total		113
TOTAL SPACE ANALYSIS			
		Difficulty	
Anterior		Factor	Difficulty
Tooth Arch Disc.	1.5	1.5	2.3
Headfilm Disc.	12.8	1	12.8
Total	14.3		
			TRERATMENT PLANNING, TIMING
			EXTRACTIONS:
			MAXILLARY
			RIGHT <u>4</u> LEFT <u>4</u>
			LEFT supernemery tooth
			MANDIBULAR
			RIGHT <u>5</u> LEFT <u>5</u>
Mid Arch			(Please Indicate Missing Teeth)
Tooth Arch Disc.	0.0	1.0	0.0
Curve of Spee	0.0	1.0	0.0
Total	0.0		
Horizontal Occlusal Disharmony			
(Class II or Class III)	1.5	2.0	3.0
Posterior			
Tooth Arch Disc.			
(-)expected Inc.			
Total	0.0	0.5	0.0
Space Analysis Total	14.3	Space Analysis Difficulty Total	18.1
			DIFFICULTY INDEX :
C.F. Difficulty Total	113.0		Mild 0 - 60
Space Analysisi Difficulty Total	18.1		Moderate 60 - 120
Total Difficulty	131.1		● Severe over 120

Oral Photos

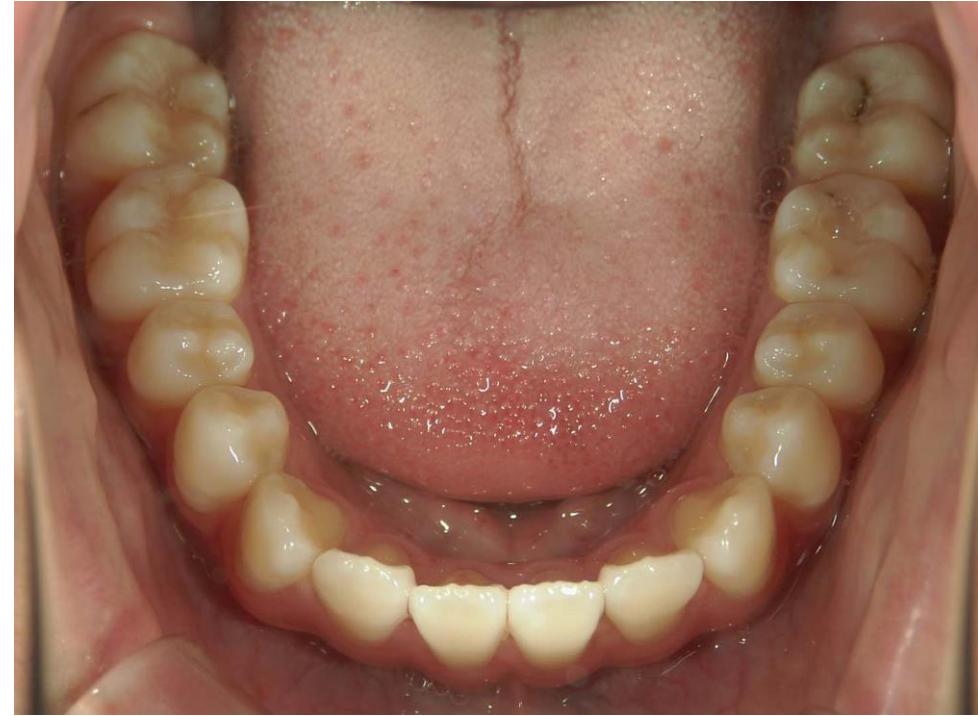


Pre Treatment

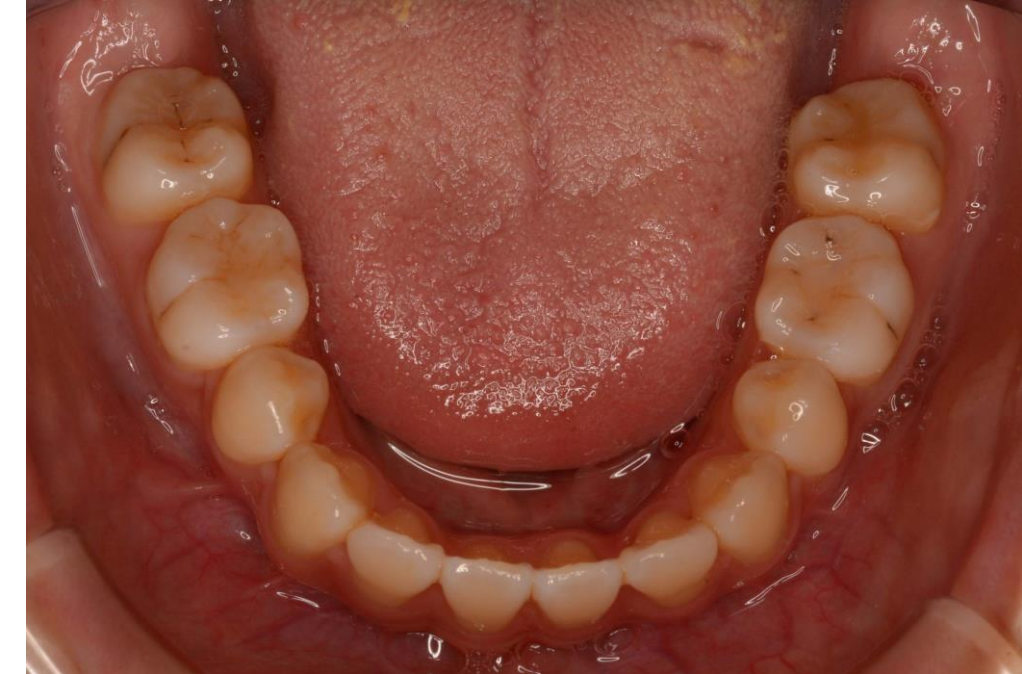


Post Treatment

Oral Photos

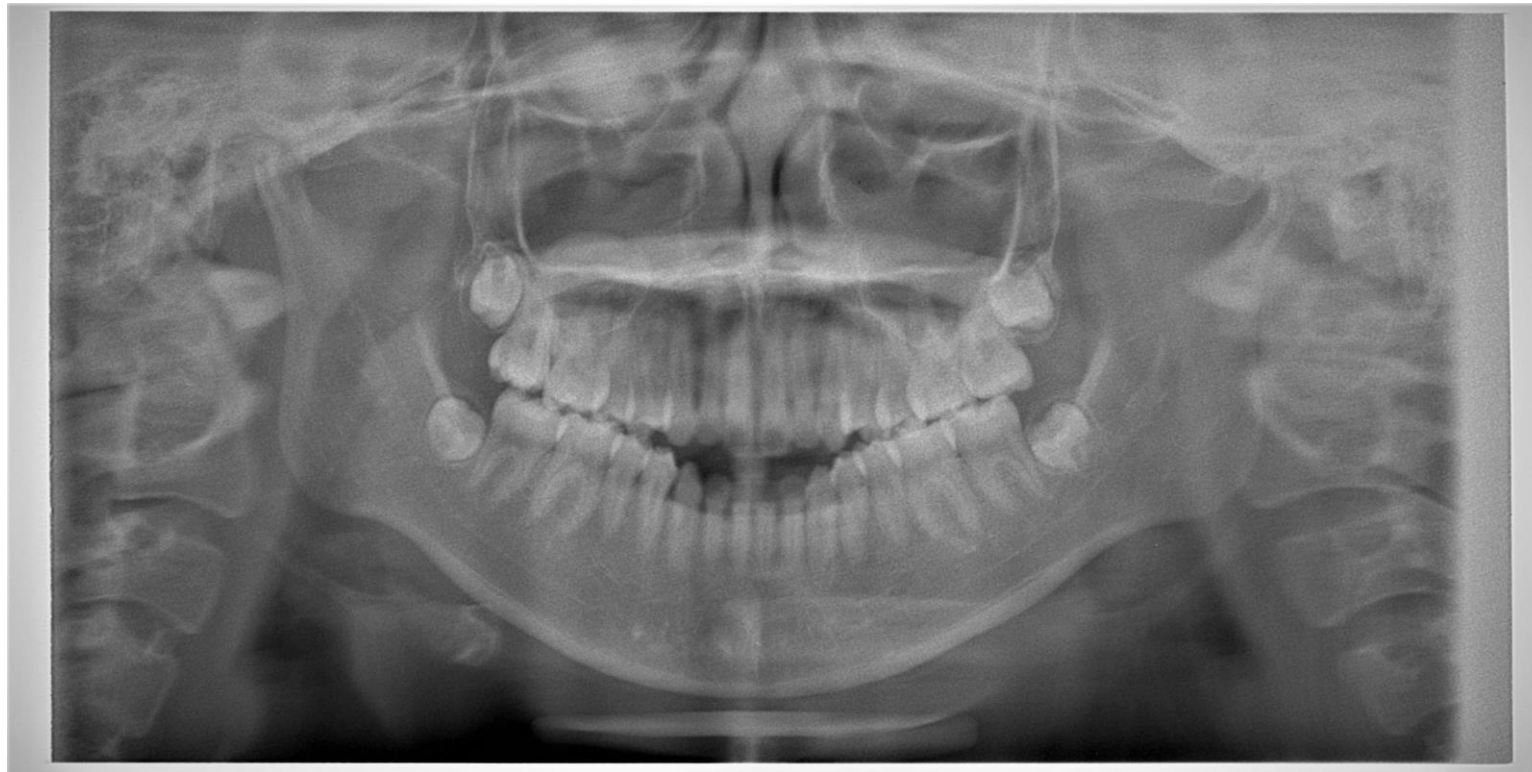


Pre Treatment



Post Treatment

Panorama X ray Photos

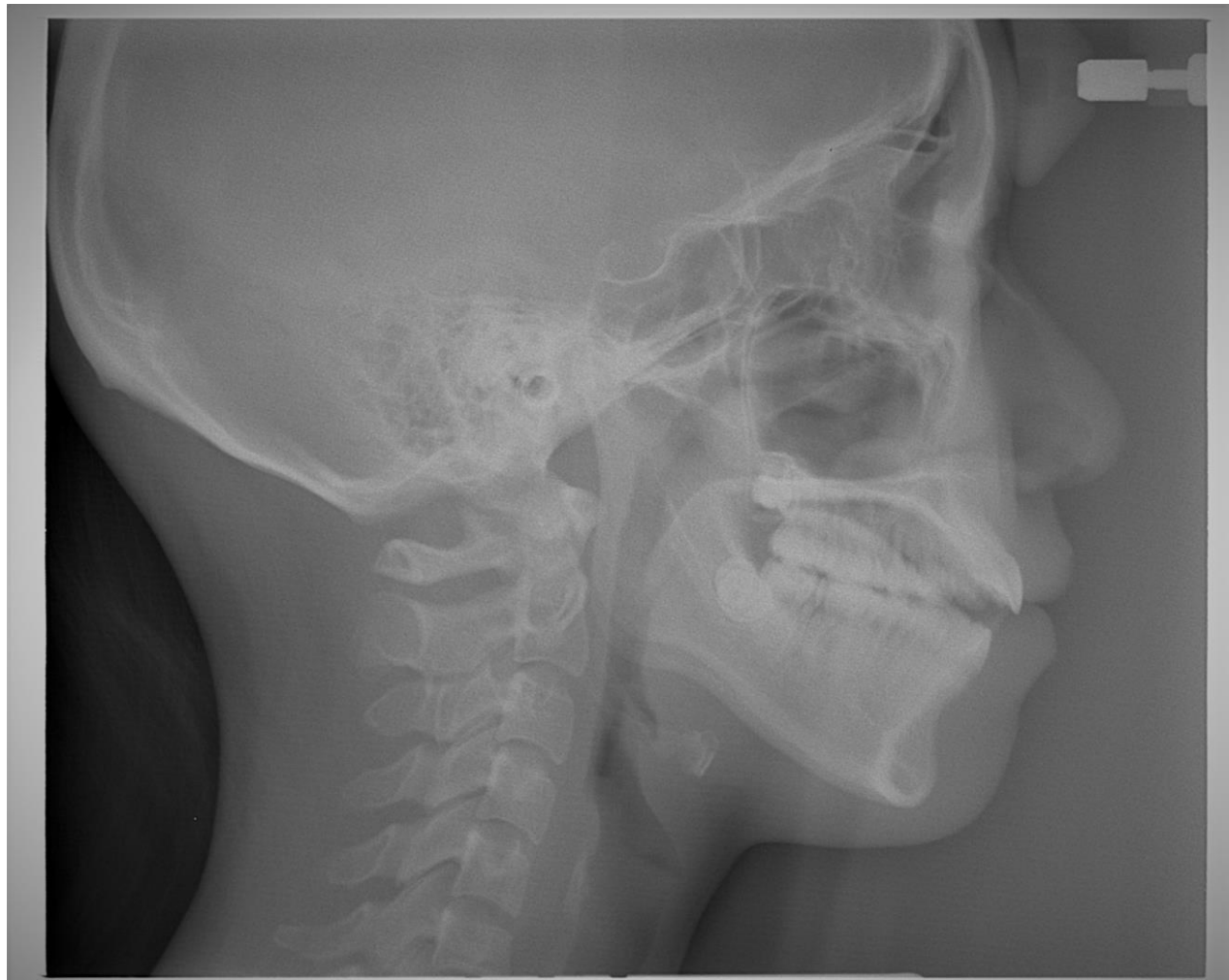


Pre Treatment

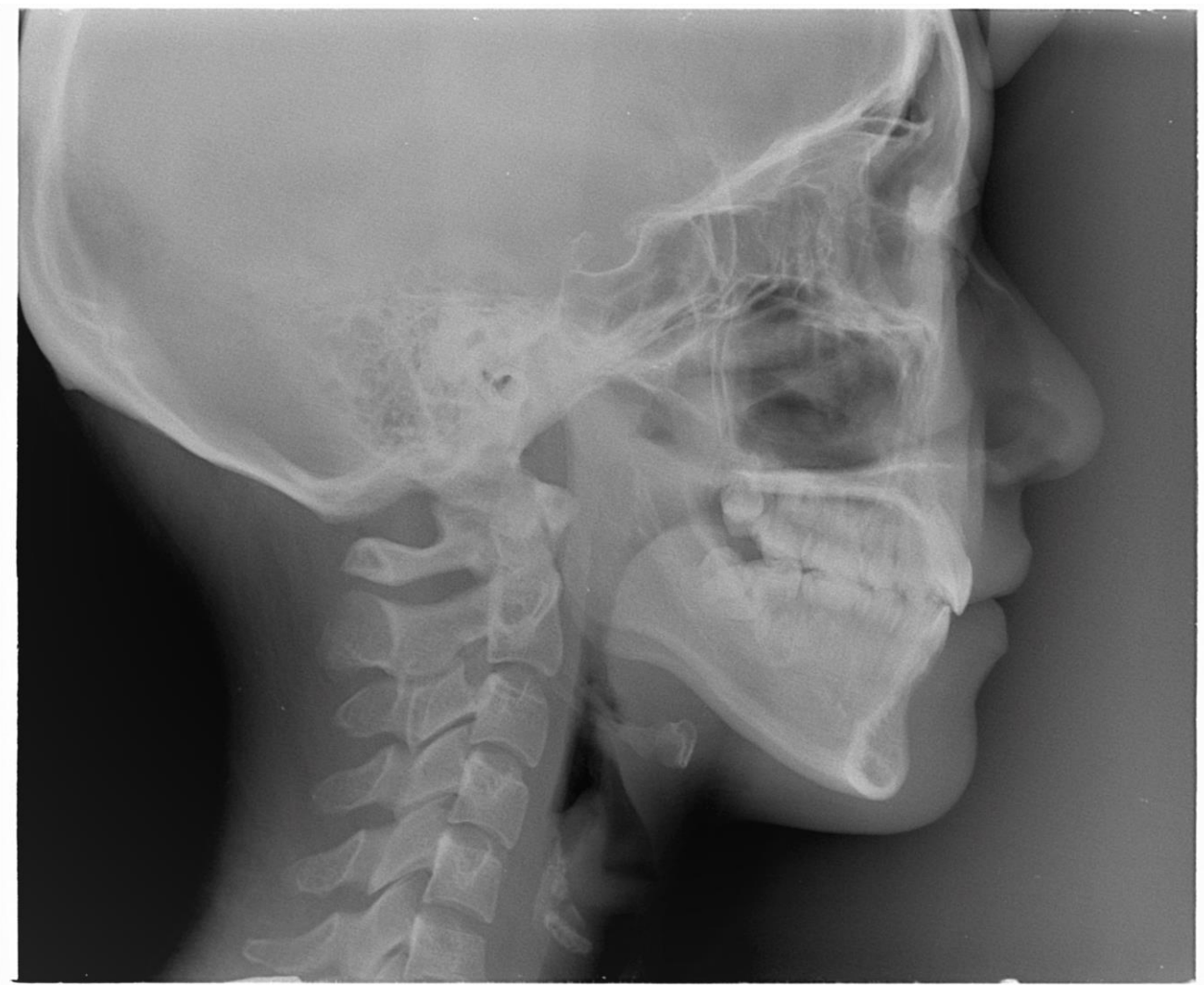


Post Treatment

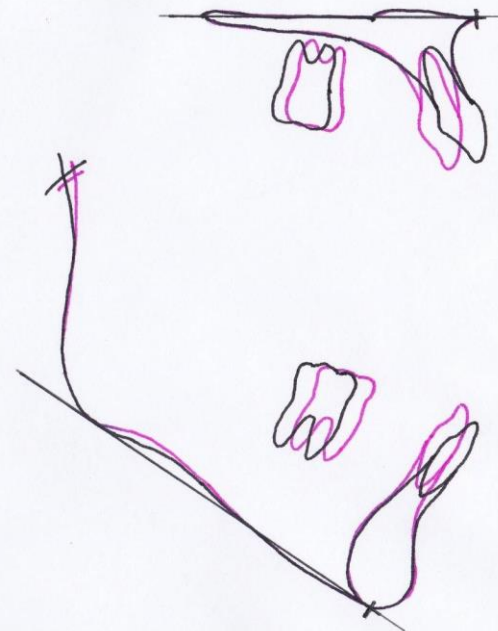
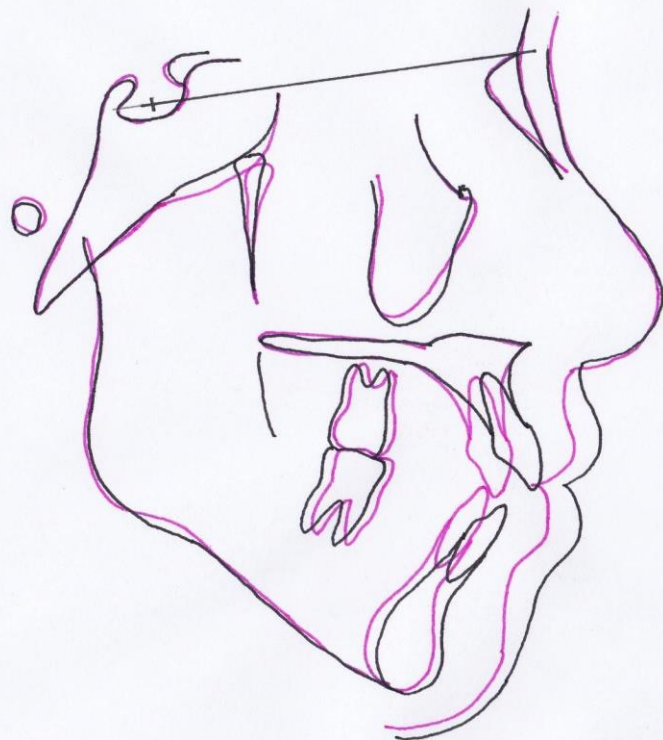
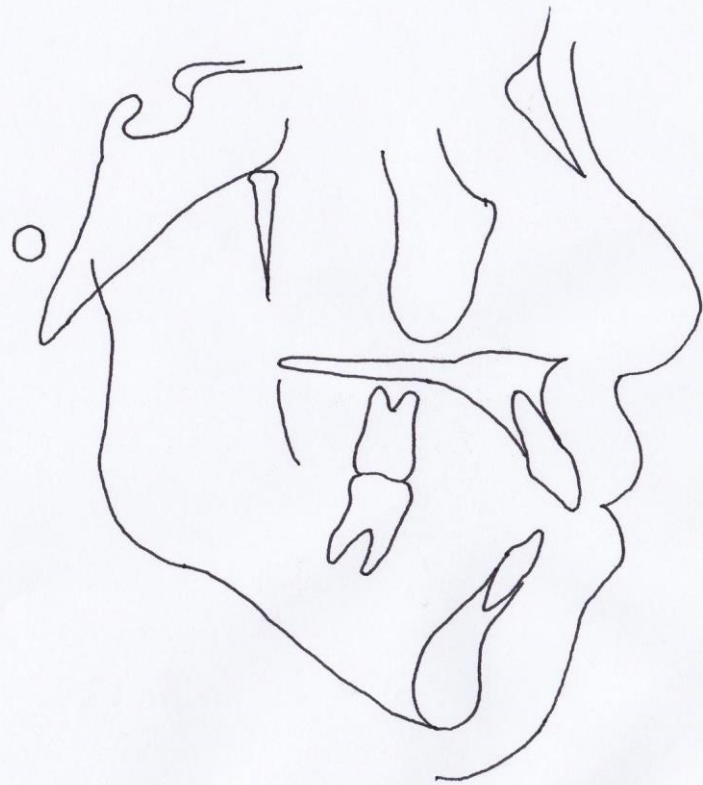
Cephalo X ray Photos



Pre Treatment



Post Treatment



Pre-treatment ———

Post-treatment ———