

Differential Diagnosis & Clinical Analysis

Angle Class II, maxillary protrusion case

ORTHODONTIST'S NAME _____ CODE: I

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 24 Y 2 M SEX F BIRTHDAY 1987 / 12 / 25 TREATMENT TIME : 34 MONTHS

DATE									
NORMAL		PRE-TX		PROGRESS		FINAL		POST-TX	
FMIA	67	49.0		180.0		53.0		53.0	
FMA	25	32.5				30.5		30.5	
IMPA	88	98.5				96.5		96.5	
SNA	82	83.0				82.5		82.5	
SNB	80	77.0				76.5		76.5	
ANB	2	6.0		0.0		6.0		6.0	
AO-BO	2mm	7.0	mm	mm		4.5 mm		4.5 mm	
OCC PLANE	10	9.0				11.5		11.5	
Z ANGLE	75	54.5				70.0		70.0	
UPPER LIP		8.5	mm	mm		12.0 mm		12.0 mm	
TOTAL CHIN		14.0	mm	mm		13.0 mm		13.0 mm	
POST. FACIAL HT.	45mm	45.5	mm	mm		44.5 mm		44.5 mm	
ANT. FACIAL HT.	65mm	66.0	mm	mm		63.0 mm		63.0 mm	
FAC. HT. INDEX	0.69	0.69		####		0.71		0.71	
FAC. HT. CHANGE	2:1	XXXX		/		/		/	
MAND. CUSPID WIDTH		28.5	mm	mm		30.5 mm		30.5 mm	
MAND. MOLAR WIDTH		48.5	mm	mm		48.0 mm		48.0 mm	

READOUT START

7 6 5 5 6 7

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FINISH

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DIAGNOSIS:

A. Skeletal : II

B. Dental : II

C. Perio : none

D. Facial : convex

CRANIAL FACIAL ANALYSIS

	Ceph.	Difficulty	
Normal Range	Value	Factor	Difficulty
FMA 22-28	32.5	5	23
ANB 1-5	6.0	15	15
Z-ANGLE 70-80	54.5	2	31
OCC. PLANE 8-12	9.0	3	0
SNB 78-82	77.0	5	5
PFH/AFH 0.65-0.75	0.69	3	0
C.F. Difficulty Total			74

E. Habits : none
 1. Thumb Sucker
 2. Tongue Thrust
 3. Bruxism

F. Joint Health : TMD
 medical history : lockjaw

TOTAL SPACE ANALYSIS

		Difficulty	
Anterior		Factor	Difficulty
Tooth Arch Disc.	5.0	1.5	7.5
Headfilm Disc.	12.0	1	12.0
Total	17.0		
Mid Arch			
Tooth Arch Disc.	1.0	1.0	1.0
Curve of Spee	2.0	1.0	2.0
Total	3.0		
Horizontal Occlusal Disharmony (Class II or Class III)	4.0	2.0	8.0
Posterior			
Tooth Arch Disc.	22.0		
(-)expected Inc.	0.0		
Total	22.0	0.5	11.0
Space Analysis Total	42.0	Space Analysis	
		Difficulty Total	41.5

TRERATMENT PLANNING, TIMING
 EXTRACTIONS:

MAXILLARY

RIGHT 4 LEFT 4

MANDIBULAR

RIGHT 84 LEFT 48

(Please Indicate Missing Teeth)

DIFFICULTY INDEX :

Mild 0 - 60

Moderate 60 - 120

Severe over 120

C.F. Difficulty Total	73.5
Space Analysisi Difficulty Total	41.5
Total Difficulty	115.0

Oral Photos



Pre Treatment



Post Treatment

Oral Photos



Pre Treatment



Post Treatment

Panorama X ray Photos



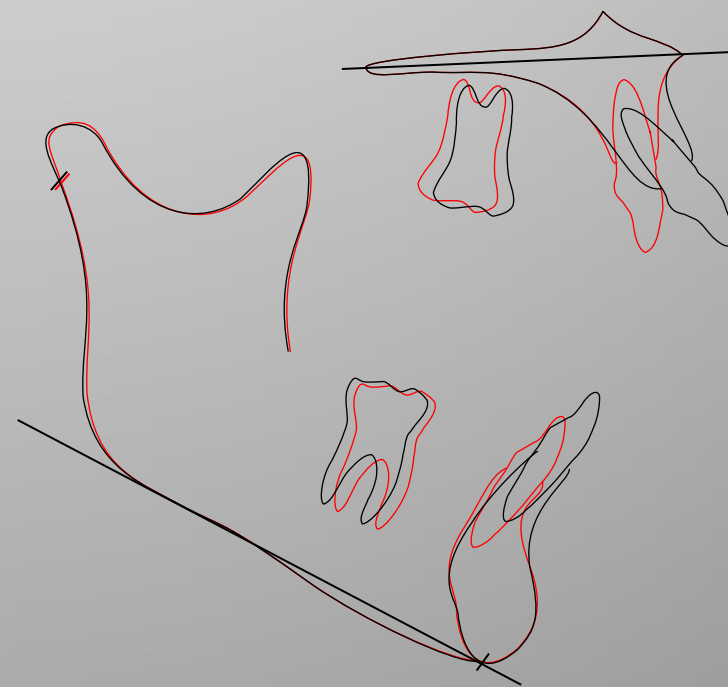
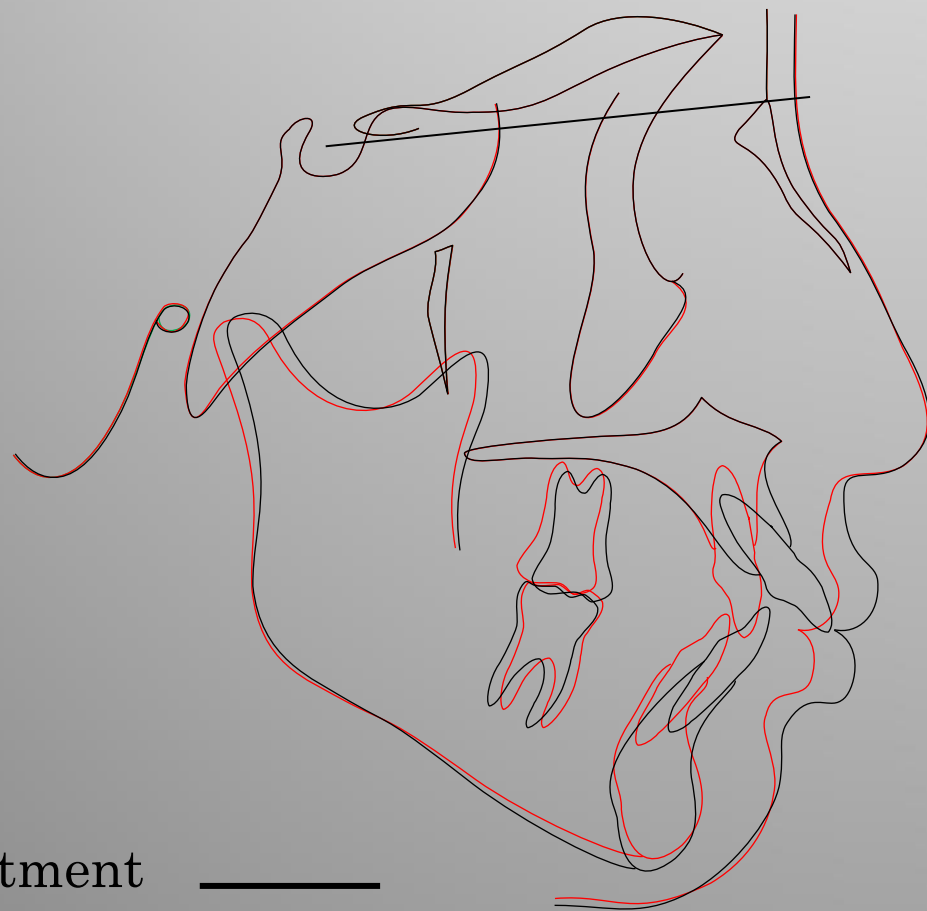
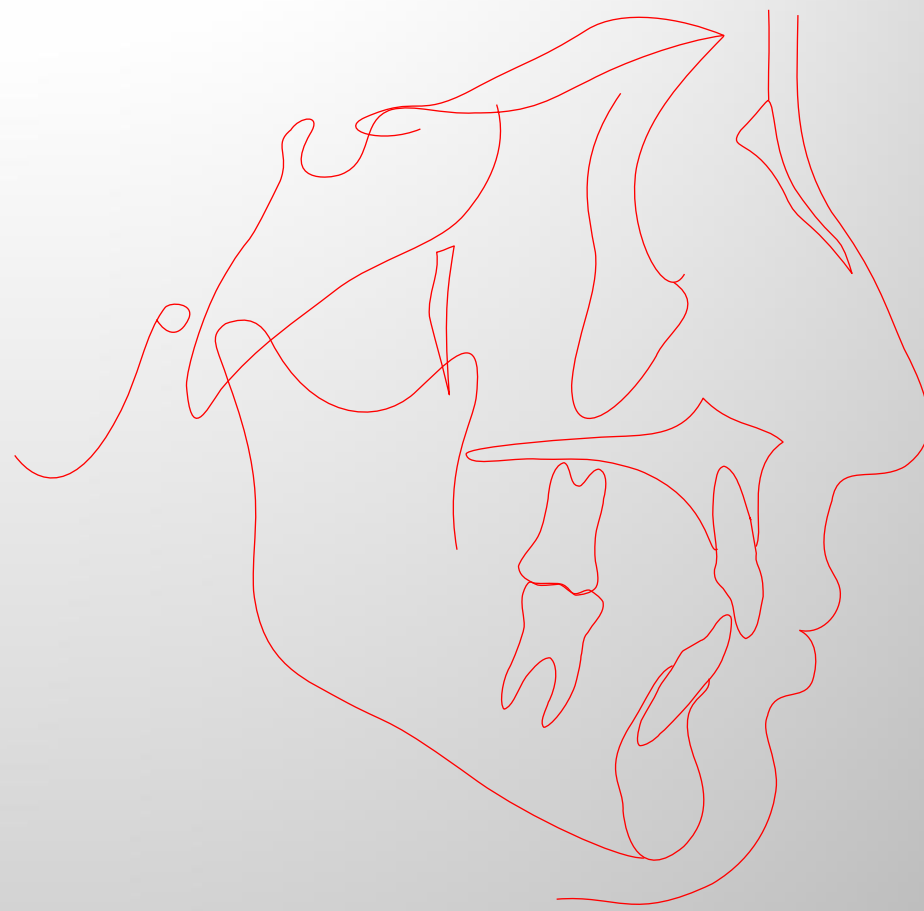
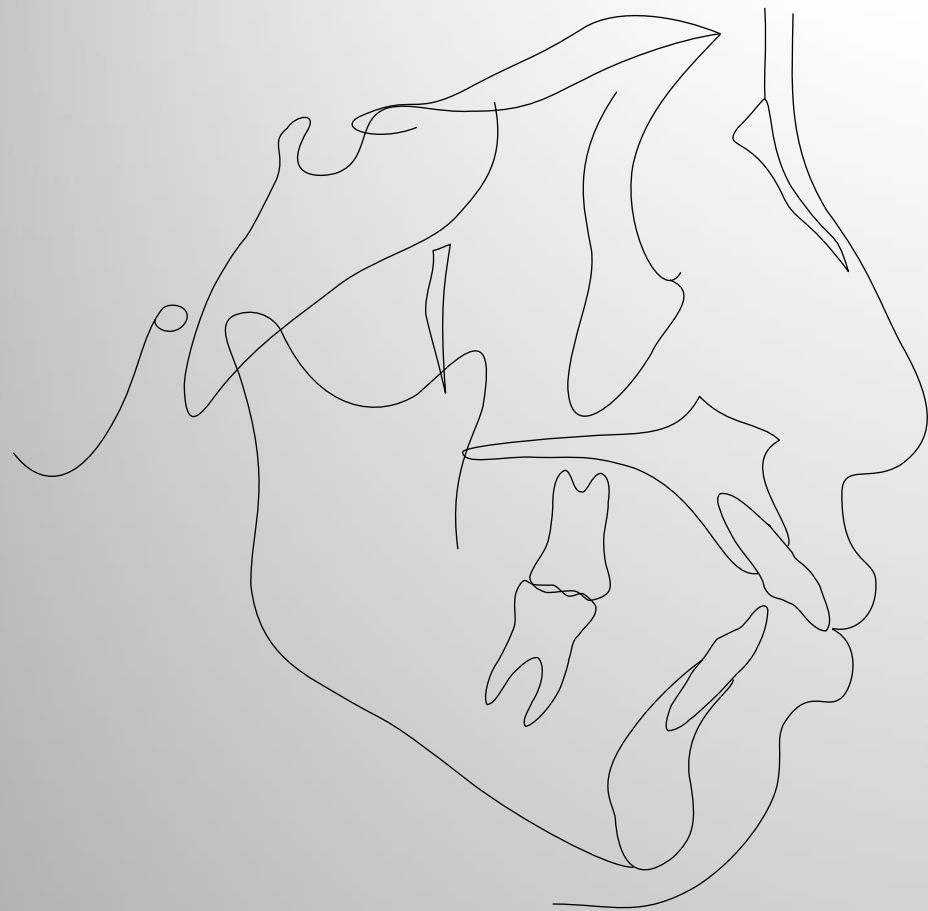
Cephalo X ray Photos



Pre Treatment



Post Treatment



Pre-treatment ———
Post-treatment ———