

Differential Diagnosis & Clinical Analysis

Angle Class I Bimaxillary protrusion with Openbite, Crowding

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 28 Y 8 M SEX F BIRTHDAY 12/23/1986 TREATMENT TIME : 41 MONTHS

DATE	2015/9/8		2019/4/9	
NORMAL	PRE-TX	PROGRESS	FINAL	POST-TX
FMIA 67	44.2		66.7	
FMA 25	35.3		33.7	
IMPA 88	100.5		79.6	
SNA 82	77.7		76.1	
SNB 80	70.7		71.7	
ANB 2	7.0		4.4	
AO-BO 2mm	1.0 mm	mm	4.0 mm	mm
OCC PLANE 10	15.9		10.4	
Z ANGLE 75	43.0		61.0	
UPPER LIP	11.5 mm	mm	12.0 mm	mm
TOTAL CHIN	14.0 mm	mm	12.5 mm	mm
POST. FACIAL HT. 45mm	39.0 mm	mm	40.5 mm	mm
ANT. FACIAL HT. 65mm	71.5 mm	mm	70.0 mm	mm
FAC. HT. INDEX 0.69	0.55		0.58	
FAC. HT. CHANGE 2:1	XXXX	/	/	/
MAND. CUSPID WIDTH	27.0 mm	mm	27.5 mm	mm
MAND. MOLAR WIDTH	52.5 mm	mm	49.5 mm	mm

READOUT START

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FINISH

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DIAGNOSIS:

A. Skeletal : Class II

B. Dental : Angle class I

C. Perio : No problrm

D. Facial : Bimax

CRANIAL FACIAL ANALYSIS

Normal Range	Ceph. Value	Difficulty Factor	Difficulty
FMA 22-28	35.3	5	37
ANB 1-5	7.0	15	30
Z-ANGLE 70-80	43.0	2	54
OCC. PLANE 8-12	15.9	3	12
SNB 78-82	70.7	5	37
PFH/AFH 0.65-0.75	0.55	3	30
C.F. Difficulty Total			199

TOTAL SPACE ANALYSIS

		Difficulty Factor	Difficulty
Anterior			
Tooth Arch Disc.	6.0	1.5	9.0
Headfilm Disc.	16.8	1	16.8
Total	22.8		
Mid Arch			
Tooth Arch Disc.	3.0	1.0	3.0
Curve of Spee	0.0	1.0	0.0
Total	3.0		
Horizontal Occlusal Disharmony (Class II or Class III)			
	0.0	2.0	0.0
Posterior			
Tooth Arch Disc.	7.5		
(-)expected Inc.	0.0		
Total	7.5	0.5	3.8
Space Analysis Total	33.3	Space Analysis Difficulty Total	32.6

C.F. Difficulty Total	198.7
Space Analysis Difficulty Total	32.6
Total Difficulty	231.3

E. Habits : No problem

1. Thumb Sucker
2. Tongue Thrust
3. Bruxism

F. Joint Health : No problem

TRERATMENT PLANNING, TIMING

EXTRACTIONS:

MAXILLARY

RIGHT 84 LEFT 48

MANDIBULAR

RIGHT 84 LEFT 48

(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

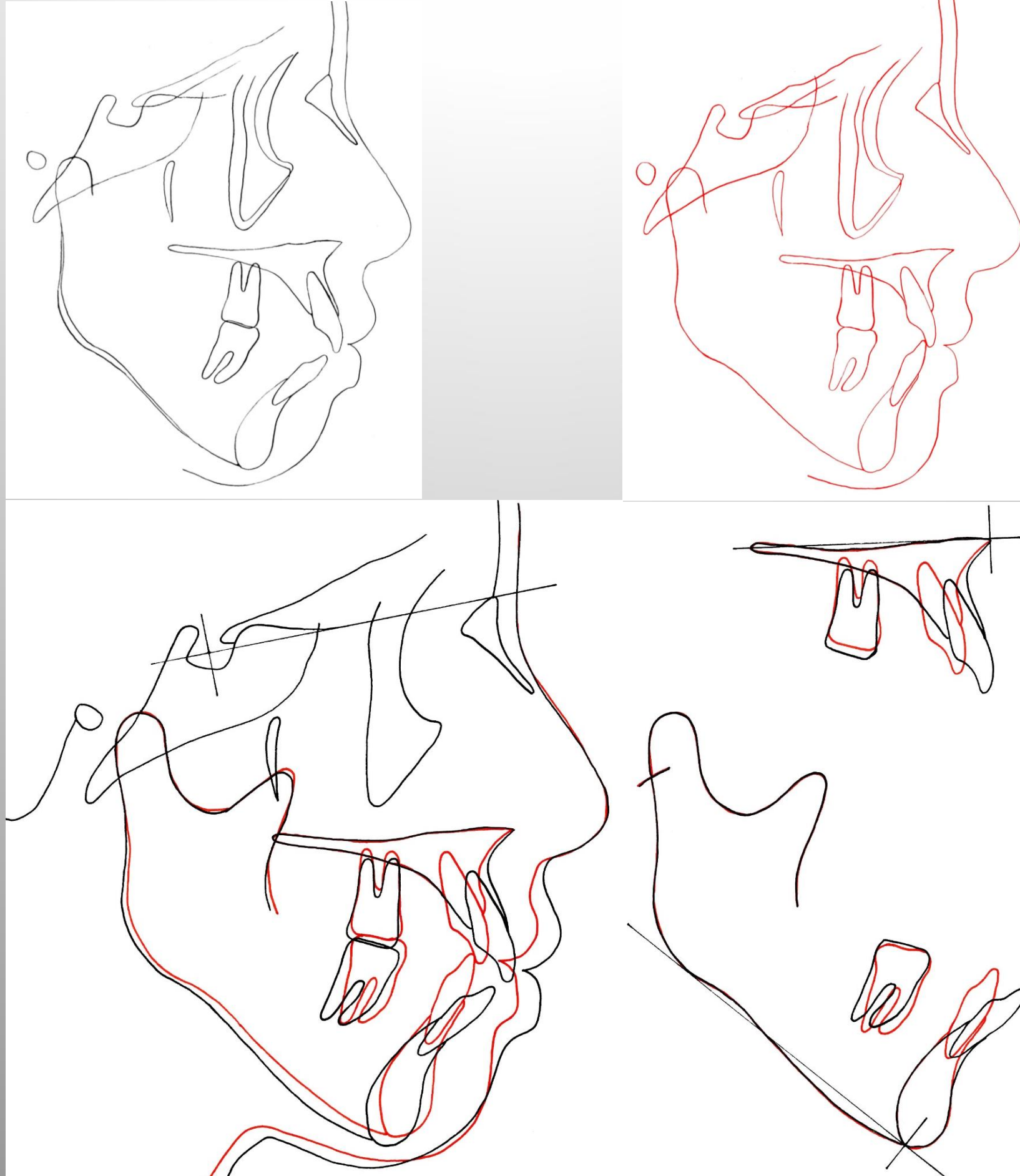
Cephalo X ray Photos



Pre Treatment



Post Treatment



Pre-treatment ———
Post-treatment ———