

Differential Diagnosis & Clinical Analysis

A case of Maxillary protrusion with severer anterior 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 _____ YM LAST NAME: _____ I _____

BEGIN TX. AGE 15 Y 3 M SEX F BIRTHDAY 2 / 7 / 1995 TREATMENT TIME: 29 MONTHS

DATE					
	NORMAL	PRE-TX	PROGRESS	FINAL	POST-TX
FMIA	67	58.0		59.0	59.0
FMA	25	28.5		26.5	26.5
IMPA	88	93.5	180.0	94.5	94.5
SNA	82	80.0		80.0	80.0
SNB	80	74.0		75.5	75.5
ANB	2	6.0	0.0	4.5	4.5
AO-BO	2mm	4.0 mm	mm	3.0 mm	3.0 mm
OCC PLANE	10	14.0			
Z ANGLE	75	69.0		70.0	70.0
UPPER LIP		9.0 mm	mm	10.0 mm	10.0 mm
TOTAL CHIN		1.0 mm	mm	2.0 mm	2.0 mm
POST. FACIAL HT.	45mm	43.0 mm	mm	44.0 mm	44.0 mm
ANT. FACIAL HT.	65mm	67.0 mm	mm	65.0 mm	65.0 mm
FAC. HT. INDEX	0.69	0.64	####	0.68	0.68
FAC. HT. CHANGE	2:1	XXXX	/	/	/
MAND. CUSPID WIDTH		25.0 mm	mm	25.0 mm	25.0 mm
MAND. MOLAR WIDTH		42.0 mm	mm	42.0 mm	42.0 mm

READOUT START

7 6 5 5 6 7

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FINISH

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DIAGNOSIS:

A. Skeletal : 2

1
B. Dental : 2

C. Perio :

D. Facial : 2

CRANIAL FACIAL ANALYSIS

	Ceph. Value	Difficulty Factor	Difficulty
Normal Range			
FMA 22-28	28.5	5	<u>3</u>
ANB 1-5	6.0	15	<u>15</u>
Z-ANGLE 70-80	69.0	2	<u>2</u>
OCC. PLANE 8-12	14.0	3	<u>6</u>
SNB 78-82	74.0	5	<u>20</u>
PFH/AFH 0.65-0.75	0.64	3	<u>3</u>
C.F. Difficulty Total			<u>49</u>

TOTAL SPACE ANALYSIS

		Difficulty Factor	Difficulty
Anterior			
Tooth Arch Disc.	7.0	1.5	<u>10.5</u>
Headfilm Disc.	1.6	1	<u>1.6</u>
Total	<u>8.6</u>		
Mid Arch			
Tooth Arch Disc.	2.0	1.0	<u>2.0</u>
Curve of Spee	3.0	1.0	<u>3.0</u>
Total	<u>5.0</u>		
Horizontal Occlusal Disharmony (Class II or Class III)		2.0	<u>2.0</u>
Posterior			
Tooth Arch Disc.	1.0		
(-)expected Inc.			
Total	<u>1.0</u>	0.5	<u>0.5</u>
Space Analysis Total	<u>14.6</u>	Space Analysis Difficulty Total	<u>19.6</u>

C.F. Difficulty Total	<u>48.5</u>
Space Analysisi Difficulty Total	<u>19.6</u>
Total Difficulty	<u>68.1</u>

E. Habits :

1. Thumb Sucker
2. Tongue Thrust
3. Bruxism

F. Joint Health :

TRERATMENT PLANNING, TIMING
EXTRACTIONS:

MAXILLARY

RIGHT 4 LEFT 4

MANDIBULAR

RIGHT 4 LEFT 4

(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

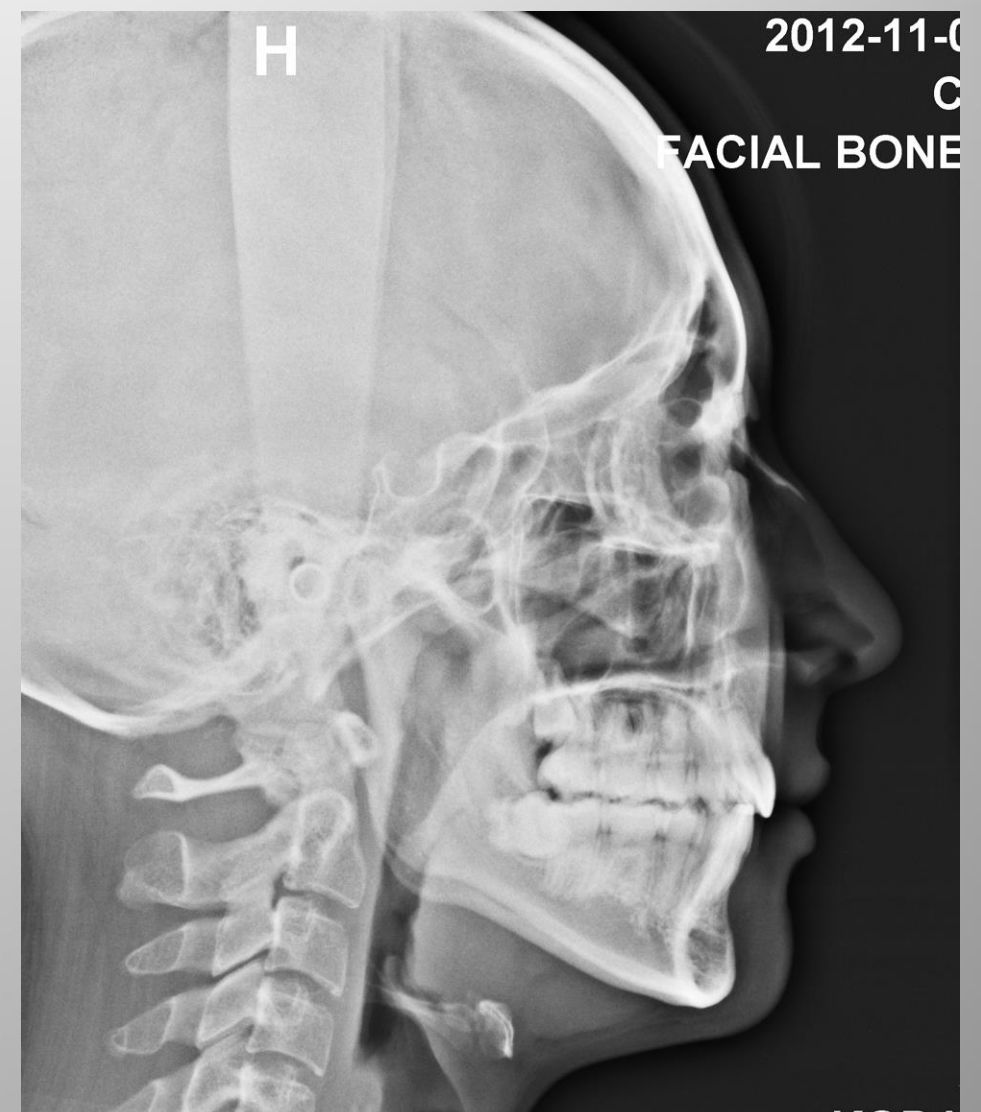


Post Treatment

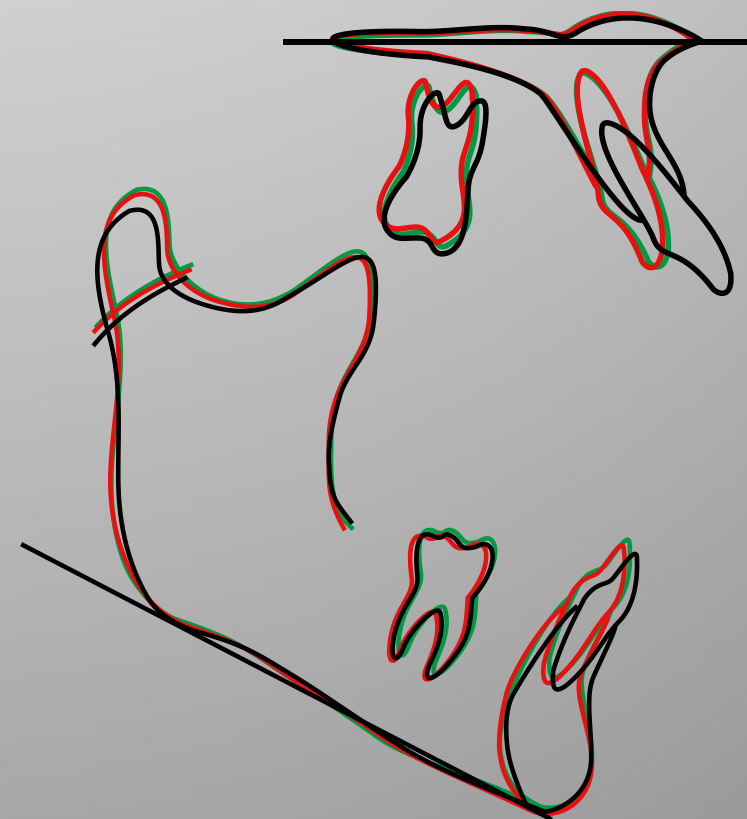
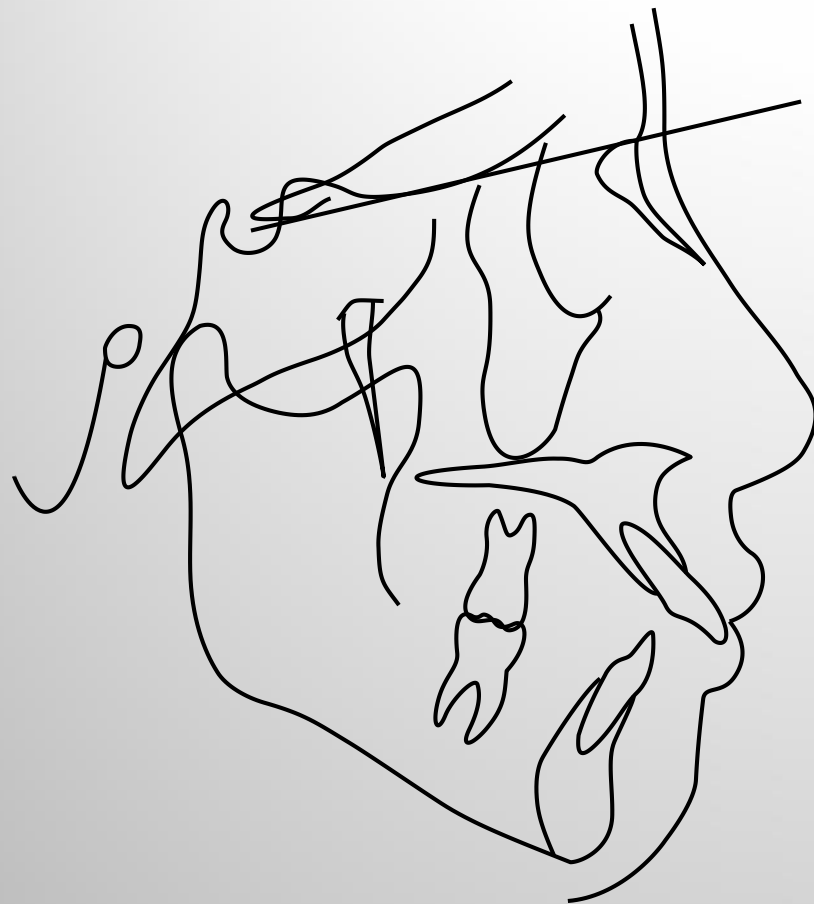
Cephalo X ray Photos



Pre Treatment



Post Treatment



Pre-treatment ———
 Post-treatment ———