

# Differential Diagnosis & Clinical Analysis

## Angle class III bimaxillary protrusion with crowding

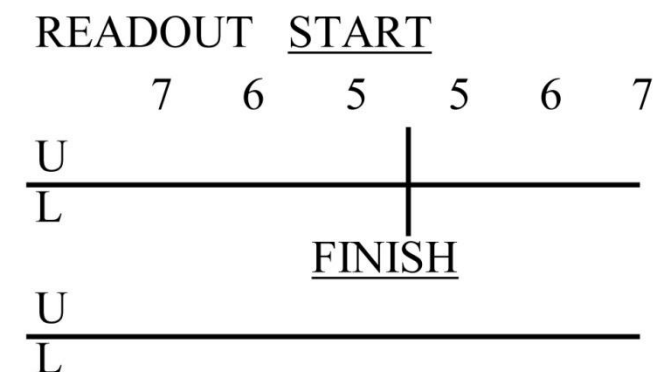
ORTHODONTIST'S NAME \_\_\_\_\_ CODE : I  
 I = TWEED COURSE INSTRUCTOR, M = TWEED MEMBER, A = APPLICANT FOR MEMBERSHIP

### DIFFERENTIAL DIAGNOSIS AND CLINICAL ANALYSIS

PATIENT'S FIRST NAME : \_\_\_\_\_ INI \_\_\_\_\_ LAST NAME : \_\_\_\_\_

BEGIN TX. AGE 26Y 7 M SEX F BIRTHDAY 07 / 15 / 1985 TREATMENT TIME : 38 MONTHS

| DATE               | 02/08/2012 |          | 04/29/2015  |         |
|--------------------|------------|----------|-------------|---------|
| NORMAL             | PRE-TX     | PROGRESS | FINAL       | POST-TX |
| FMIA               | 67         | 50.0     | 65.0        |         |
| FMA                | 25         | 26.0     | 25.0        |         |
| IMPA               | 88         | 104.0    | 90.0        | ####    |
| SNA                | 82         | 82.5     | 83.0        |         |
| SNB                | 80         | 82.0     | 81.5        |         |
| ANB                | 2          | 0.5      | 1.5         | 0.0     |
| AO-BO              | 2mm        | 4.5 mm   | 2.0 mm      | mm      |
| OCC PLANE          | 10         | 7.0      | 5.5         |         |
| Z ANGLE            | 75         | 69.0     | 84.0        |         |
| UPPER LIP          |            | 7.5 mm   | 10.0 mm     | mm      |
| TOTAL CHIN         |            | 15.0 mm  | 15.0 mm     | mm      |
| POST. FACIAL HT    | 45mm       | 56.0 mm  | 56.0 mm     | mm      |
| ANT. FACIAL HT.    | 65mm       | 71.0 mm  | 70.0 mm     | mm      |
| FAC. HT. INDEX     | 0.69       | 0.79     | 0.80        | ####    |
| FAC. HT. CHANGE    | 2:1        | XXXX     | 0.0 / (1.0) | /       |
| MAND. CUSPID WIDTH |            | 26.0 mm  | 28.0 mm     | mm      |
| MAND. MOLAR WIDTH  |            | 53.0 mm  | 51.5 mm     | mm      |



#### DIAGNOSIS:

A. Skeletal : Class III

B. Dental : Angle class III

C. Perio : No problem

D. Facial : Bimax

## CRANIAL FACIAL ANALYSIS

| Normal Range                 | Ceph. Value | Difficulty Factor | Difficulty |
|------------------------------|-------------|-------------------|------------|
| FMA 22-28                    | 26.0        | 5                 | 0          |
| ANB 1-5                      | 0.5         | 15                | 8          |
| Z-ANGLE 70-80                | 69.0        | 2                 | 2          |
| OCC. PLANE 8-12              | 7.0         | 3                 | 3          |
| SNB 78-82                    | 82.0        | 5                 | 0          |
| PFH/AFH 0.65-0.75            | 0.79        | 3                 | 12         |
| <b>C.F. Difficulty Total</b> |             |                   | <b>25</b>  |

## TOTAL SPACE ANALYSIS

|                                       |             | Difficulty Factor                      | Difficulty  |
|---------------------------------------|-------------|----------------------------------------|-------------|
| <b>Anterior</b>                       |             |                                        |             |
| Tooth Arch Disc.                      | 6.0         | 1.5                                    | 9.0         |
| Headfilm Disc.                        | 14.4        | 1                                      | 14.4        |
| <b>Total</b>                          | <b>20.4</b> |                                        |             |
| <b>Mid Arch</b>                       |             |                                        |             |
| Tooth Arch Disc.                      | 0.0         | 1.0                                    | 0.0         |
| Curve of Spee                         | 1.0         | 1.0                                    | 1.0         |
| <b>Total</b>                          | <b>1.0</b>  |                                        |             |
| <b>Horizontal Occlusal Disharmony</b> |             |                                        |             |
| (Class II or Class III)               | 3.0         | 2.0                                    | 6.0         |
| <b>Posterior</b>                      |             |                                        |             |
| Tooth Arch Disc.                      | 10.0        |                                        |             |
| (-)expected Inc.                      | 0.0         |                                        |             |
| <b>Total</b>                          | <b>10.0</b> | 0.5                                    | 5.0         |
| <b>Space Analysis Total</b>           | <b>31.4</b> | <b>Space Analysis Difficulty Total</b> | <b>35.4</b> |

|                                        |             |
|----------------------------------------|-------------|
| <b>C.F. Difficulty Total</b>           | <b>24.5</b> |
| <b>Space Analysis Difficulty Total</b> | <b>35.4</b> |
| <b>Total Difficulty</b>                | <b>59.9</b> |

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



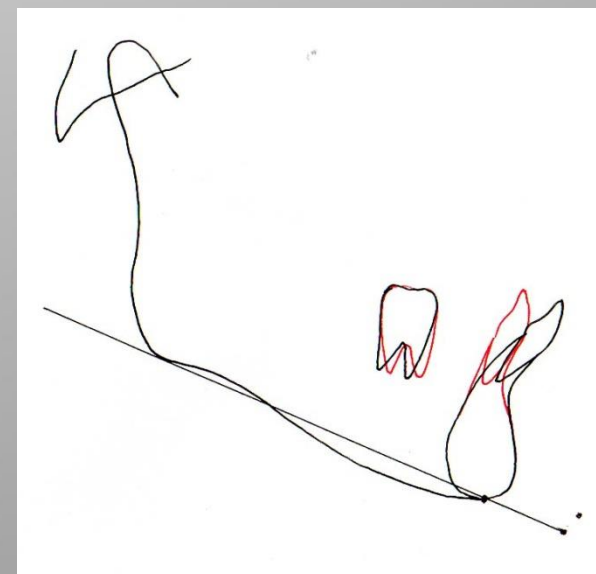
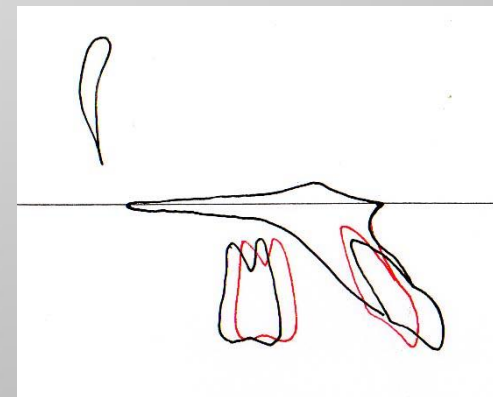
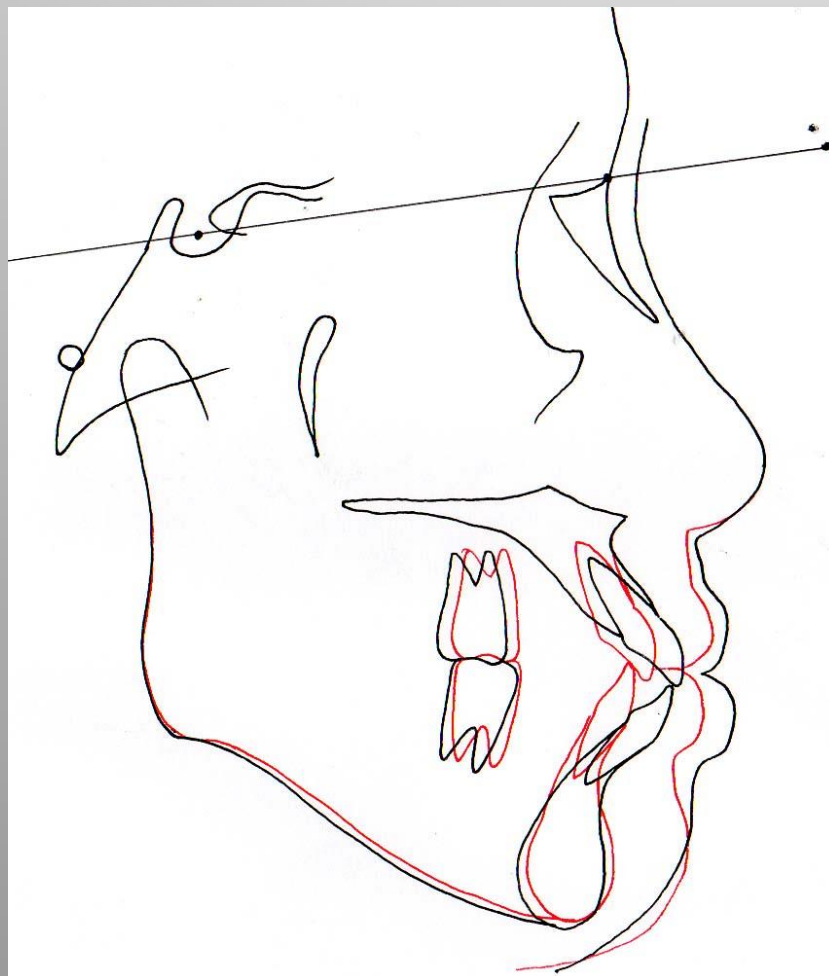
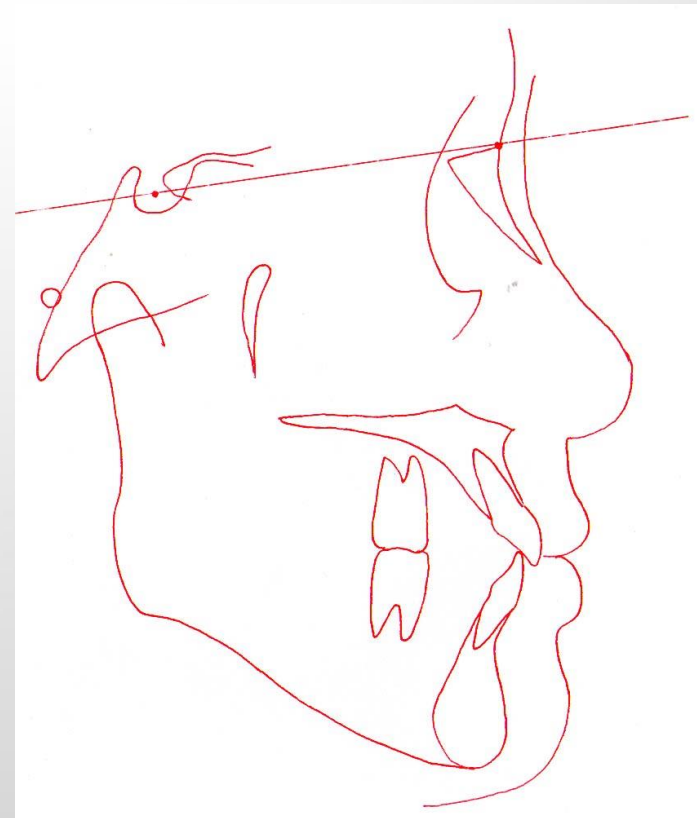
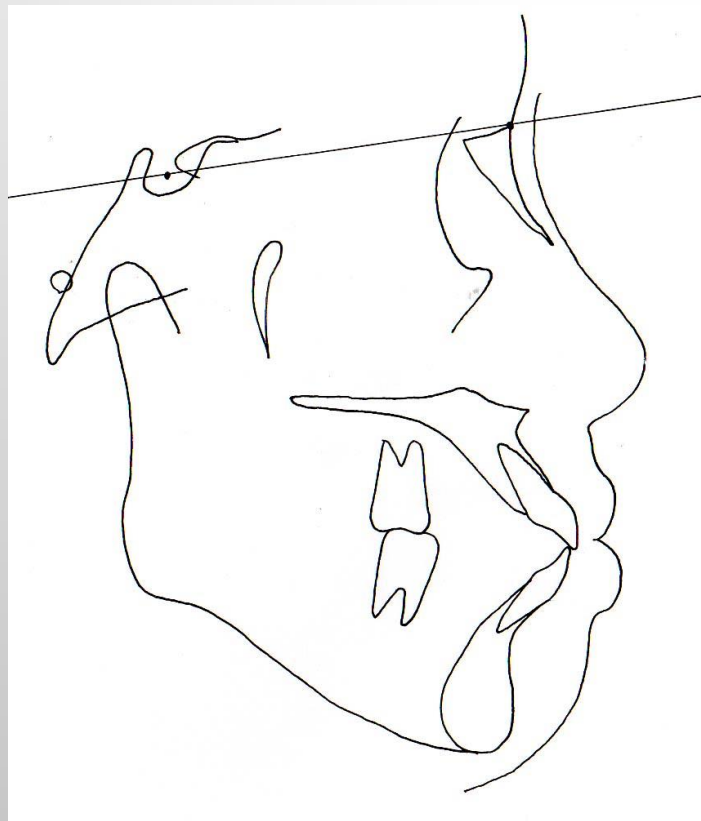
# Panorama X ray Photos



Pre Treatment



Post Treatment



Pre-treatment ———  
 Post-treatment ———