

# Differential Diagnosis & Clinical Analysis

## Angle Class I, bimaxillary protrusion

ORTHODONTIST'S NAME \_\_\_\_\_ CODE:   I  

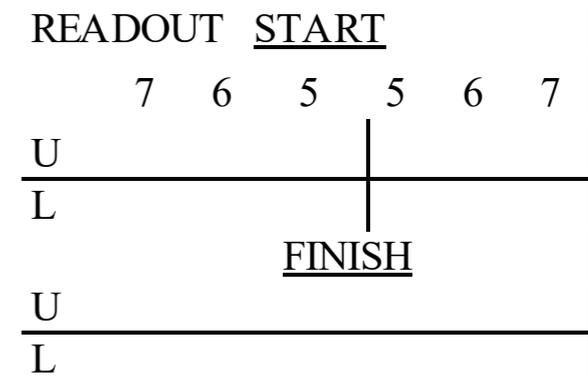
I = TWEED COURSE INSTRUCTOR, M = TWEED MEMBER, A = APPLICANT FOR MEMMBERSHIP

### DIFFERENTIAL DIAGNOSIS AND CLINICAL ANALYSIS

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

BEGIN TX. AGE   20 Y 7M   SEX   F   BIRTHDAY   1989 / 3 / 7   TREATMENT TIME:   27 MONTHS  

| DATE               |        |         |          |         |         |
|--------------------|--------|---------|----------|---------|---------|
|                    | NORMAL | PRE-TX  | PROGRESS | FINAL   | POST-TX |
| FMIA               | 67     | 35.0    |          | 55.0    |         |
| FMA                | 25     | 25.0    |          | 26.0    |         |
| IMPA               | 88     | 120.0   | 180.0    | 99.0    |         |
| SNA                | 82     | 77.5    |          | 77.5    |         |
| SNB                | 80     | 71.0    |          | 71.0    |         |
| ANB                | 2      | 6.5     | 0.0      | 6.5     | 0.0     |
| AO-BO              | 2mm    | 5.5 mm  | mm       | 4.0 mm  | mm      |
| OCC PLANE          | 10     | 5.0     |          | 8.5     |         |
| Z ANGLE            | 75     | 51.0    |          | 70.0    |         |
| UPPER LIP          |        | 11.0 mm | mm       | 12.0 mm | mm      |
| TOTAL CHIN         |        | 11.5 mm | mm       | 13.0 mm | mm      |
| POST. FACIAL HT.   | 45mm   | 54.0 mm | mm       | 51.0 mm | mm      |
| ANT. FACIAL HT.    | 65mm   | 76.0 mm | mm       | 75.5 mm | mm      |
| FAC. HT. INDEX     | 0.69   | 0.71    | #####    | 0.68    | #####   |
| FAC. HT. CHANGE    | 2:1    | XXXX    | /        | /       | /       |
| MAND. CUSPID WIDTH |        | mm      | mm       | mm      | mm      |
| MAND. MOLAR WIDTH  |        | mm      | mm       | mm      | 48.0 mm |



DIAGNOSIS:

A. Skeletal : II

B. Dental : I

C. Perio : none

D. Facial : convex

## CRANIAL FACIAL ANALYSIS

|                              | Ceph.<br>Value | Difficulty<br>Factor | Difficulty |
|------------------------------|----------------|----------------------|------------|
| <b>Normal Range</b>          |                |                      |            |
| FMA 22-28                    | 25.0           | 5                    | 0          |
| ANB 1-5                      | 6.5            | 15                   | 23         |
| Z-ANGLE 70-80                | 51.0           | 2                    | 38         |
| OCC. PLANE 8-12              | 5.0            | 3                    | 9          |
| SNB 78-82                    | 71.0           | 5                    | 35         |
| PFH/AFH 0.65-0.75            | 0.71           | 3                    | 0          |
| <b>C.F. Difficulty Total</b> |                |                      | <b>105</b> |

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

F. Joint Health : TMD  
 medical history : good

## TOTAL SPACE ANALYSIS

|   |             | Difficulty<br>Factor                       | Difficulty  |
|---|-------------|--|-------------|
| <b>Anterior</b>   |             |  |             |
| Tooth Arch Disc.  | 3.0         | 1.5  | 4.5         |
| Headfilm Disc.  | 20.0        | 1  | 20.0        |
| <b>Total</b>  | <b>23.0</b> |  |             |
| <b>Mid Arch</b>   |             |  |             |
| Tooth Arch Disc.  | 2.0         | 1.0  | 2.0         |
| Curve of Spee   | 1.0         | 1.0  | 1.0         |
| <b>Total</b>  | <b>3.0</b>  |  |             |
| Horizontal Occlusal Disharmony<br>(Class II or Class III) | 2.0         | 2.0  | 4.0         |
| <b>Posterior</b>  |             |  |             |
| Tooth Arch Disc.  | 22.0        |  |             |
| (-)expected Inc.  | 0.0         |  |             |
| <b>Total</b>  | <b>22.0</b> | 0.5  | 11.0        |
| <b>Space Analysis Total</b>                               | <b>48.0</b> | <b>Space Analysis<br/>Difficulty Total</b> | <b>42.5</b> |

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

|   |              |
|---|--------------|
| <b>C.F. Difficulty Total</b>            | <b>104.5</b> |
| <b>Space Analysisi Difficulty Total</b> | <b>42.5</b>  |
| <b>Total Difficulty</b>                 | <b>147.0</b> |

# Oral Photos



Pre Treatment



Post Treatment

# Oral Photos



Pre Treatment



Post Treatment

# Panorama X ray Photos



Pre Treatment



Post Treatment

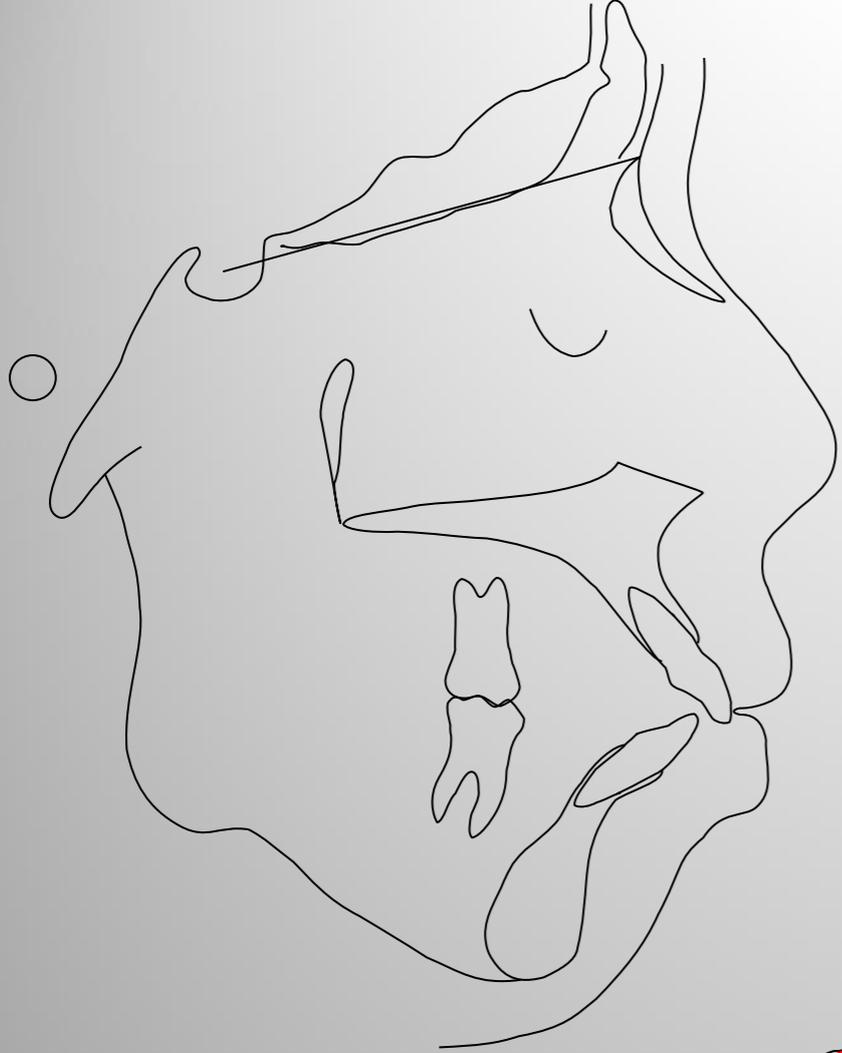
# Cephalo X ray Photos



Pre Treatment



Post Treatment



Pre-treatment —  
Post-treatment —

