COURSE NO. 3
DIFFERENTIAL DIAGNOSIS, CLINICAL CEPHALOMETRY, AND TREATMENT PLANNING

PLACE: 28/111 Top of the Soi Jaeng Wattana – Parkkred 34, Jaeng Wattana Road, Parkkred, Nonthaburi 11120

COURSE CONTENTS:

Day 1 - Wednesday

10.00    Case Conference. General Discussion of technical problems & Home work
11.00    Introduction to the edgewise mechanotherapy (cont.)
12.30    Lunch
14.00    Basic Analysis Procedures (Handout No. 3)
         A. Model analysis: Registration Wax Bite. The 3 dimension Trimming of the models.
         Sum of max. incisors & Bolton Analysis
         Diagnosis: 4T in 4D (Details)
             - The Hard Tissue
             - The Soft Tissue
             - The Teeth
             - The TMJ
         5 Functional concerns
         How to write your Diagnosis? (Training)
             Three dimensional thinking & 4th D Timing.
         The role of facial growth & development to the treatment
         Application of Bolton Analysis: Interproximal Enamel Reduction (IER)
18.00    Class finish

Day 2 - Thursday

10.00    B. Cephalometric analysis: Tracing Exercise
         Clinical Application of Cephalometry
         Treatment Planning (Part I)
How to write your Treatment Planning?
Decision making: Ex- vs Non-extraction Therapy

12.30  Lunch
14.00  Treatment Planning (Part II)

Which teeth to be extracted? And When
How to plan your Anchorage?
Molar and Canine relationship: Class I with Bilateral Symmetrical Canine Guidance
Key: Dentoskeletal - Relationship in the anterior segments

Wire bending exercises for fine tuning of the occlusion / over-correction:
0.016”x0.022” TMA or 0.016” x 0.016” SS the finishing arch wire (FAW)

5. The Retention Phase and The Design of Retainers
Max. wrap around retainer
Max. one piece positioner, positioner for Max. and Mand.
Max. 1+1 or 2+2 or 3+3 fixed retainer (direct/indirect technique)
Mand. 3-3 fixed retainer (indirect & direct technique)
Mand. 6-6 fixed retainer with Spikes. Bonding of Spikes

18.00  Class finish

Day 3 - Friday

10.00  Wire bending exercises: Contraction arch wires (CAW)
0.016” x 0.016” SS CAW
0.016” x 0.022” SS CAW with direct and indirect torque
0.017” x 0.066” SS CAW with direct and indirect torque
CAW with different types of Loops

12.30  Lunch
14.00  Treatment Planning (Part III)
Class I Treatment
Class II Treatment
Class III Treatment
Early treatment
Corrective Treatment
Conclusions of Treatment Planning
3 Dimensional Treatment

15.00 Class finish

WHAT TO BRING ALONG?
Course participant need to have orthodontic pliers, instruments and material as listed below and will be checked in the class: As in Course No. 1
1 Typodont (Articulator) with acrylic white teeth etc.

FOR CEPHALOMETRIC TRACING EXERCISES
3 - 5 lateral cephalograms of your own patients
10 Sheets of Tracing papers
1 H pencil
1 Viewing box
1 Roll 3M Scotch tape
1 Eraser
1 Protractor & Ruler with degree scales or Ormco RN 760-0000
1 Super Glue

TYPODONT SET UP:
In a Class I Molar relationship (Continuation of Non-Extraction Treatment)
As in Course No. 2 it will be used for wire bending exercise

The S.O.S. Orthodontic Study Club
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