

Class Open

Welcome to The S.O.S. Orthodontic Study Club

**COURSE NO. 1 INTRODUCTION TO ORTHODONTICS
THE EDGEWISE MECHANO-THERAPY. WIRE BENDING EXERCISE AND
NONEXTRACTION TREATMENT (PART I)**

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

COURSE CONTENTS:

Day 1 - Wednesday

10.00 Introduction to the edgewise mechanotherapy & Terminology

Instrumentation check list. Every students are ready to go!

Wire Bending Exercises: Loops use in our technique

Conduction of the treatment

Tooth Separation technique

The 5 treatment phases

12.30-14.00 Lunch

1. The Leveling Phase

Attachment selection

Banding technique. Band selection.

Cementation Technique: With

1. Ormco Gold Zn Phosphate cement
2. Fuji Orthod. bonding system
3. Band-Lok Blue

Direct Bonding technique: With

1. Right-ON, Blue Glue (Ormco)
2. Unite Bonding Adhesive (Self cure) (3M)
3. Transbond XT & Ortho Solo (Light cure) (3M)
4. Fuji Orthod. bonding system

18.00 Class finish

Day 2 - Thursday

9.45 The 5 treatment phases (cont.)

2. The Movement Phase
3. The Contraction Phase
4. The Adjustment Phase
5. The Retention Phase

12.30-14.00 Lunch

Wire Bending Exercises

Loops use in our technique (Contin.)

1st Order Bend : The ideal arch concept Arch Form & Arch Size

2nd Order Bend & Loops

The Artistics & Anchorage Control: Tie-back loop and Sweep which go together

Intrusion & Extrusion Steps: The Anterior Vertical Control

Control of the maxillary 2nd molars: The Posterior Vertical Control Expansion & Closing loop:

The Contraction Arch Wire

Ligation techniques

Arch wire selection and sequences: Wire Stiffness

18.00 Class finish

Day 3 - Friday

9.45 Wire Bending Exercises (Contin.)

3rd Order Bend:

Anterior & Posterior Torque Direct and Indirect torque

The role of anterior torque control and Inter-incisal angle

0.016" x 0.016" Intermediate arch wire

0.016" x 0.022" More Torque Control

0.017" x 0.022" Maximum Torque Control

12.30-14.00 Lunch

How to obtain more anterior torque? With intrusion step?

How to obtain Palatal root torque in the anterior segment?

Maxillo-mandibular elastics:

How and when to use Class II & III Elastics

Finishing arch wires (FAW) with teardrop and tie-back loops

15.00 Class finish

All of the themes planned here may not be completed in the 1st course. it will be proceeded in the course no.2 or part II. Any way these two courses are the vital bases of the fixed edgewise technique.

WHAT TO BRING ALONG?

Course participants need to have orthodontic pliers, instruments and material as listed before and will be checked at the class:

Clinical Pliers & Laboratory pliers

Wire Bending Exercise Book and other manuals

1 Typodont (Articulator) with acrylic white teeth

1 set of 018 slot Mini WICK Brackets for bonding exercise.

Washbon ORMCO bands with Alexander 1st & 2nd molar attachments with 018 slot for banding exercise

Ormco elastics, o-rings & power chain

0.009", 0.010" and 0.012" ligature wires

1 set Ormco cementation kit

1 Three Bond Super glue

1 Cotton Tweezers for bonding (your cotton pliers)

1 Glass pencil (white)

or "Stabilo" or "Edding" Waterproof Marker in Black

TYPODONT SET UP:

In a class I Molar relationship

Slightly anterior crowding of both arches

Deep over-bite

Maxillary and mandibular retroinclination in the anterior segments.

Wires:

0.015" Respond (Straight)

0.016" SS round wire (Straight)

0.016" x 0.016" SS (Straight)

0.016" x 0.022" SS (Straight)

0.017" x 0.022" SS (Straight)

0.016" TMA Preform

0.016"x 0.022" TMA Preform

0.016"x 0.022" D-rect preformed

The S.O.S. Orthodontic Study Club

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