

COURSE NO. 11

ADULT TREATMENT AND REVISION OF THE PREVIOUSLY TAUGHT PRINCIPLES OF THE EDGEWISE TECHNIQUE

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

COURSE CONTENTS:

Day 1 - Wednesday

- 10.00 General Discussion of any problems
Case consultation. Diagnosis & Treatment planning
- 12.30 Lunch
- 14.00 Revision of Differential diagnosis & Diagnosis Protocol
Clinical diagnosis: What is 4 T in 4 D?
- I. Hard Tissue (Skeletal pattern)
 - II. Soft Tissue and
 - III. Teeth
 - IV. TMJ
- Treatment Planning in Adult vs. in Children
Periodontal considerations
- Age Limitation** and The inform consent
- Side Effects: Gingival Recession and the Black Triangle
Conduction of the treatment in a periodontal involved cases -
Tooth mobility. What to do?
Pre-orthodontic Scaling and Periodontal Treatment
Plaque control during orthodontic treatment.
- Supragingival plaque and Subgingival plaque
- Post-orthodontic Deep-Scaling
Technical revision for

Tooth Lost : Space opening or maintaining or Closing
 Space Opening Technique: How to use the Key?

The mandibular incisor position

Coil spring, 016x016 Expansion combination loops

Retraction technique for max. anteriors. See Biomec. Manual

Headgear effects in Adult. What about TPA?

Up-righting of the molars: Technical and side effect

Wire bending at the extraction site

Bone : See detail in Course No. 13

TYPODONT SET UP

Please set up your Typodont in Class I Molar relationship with anterior crowding of both arches.

Deep over-bite, Unilateral high canine eruption (not too high), #35 or # 45 are partially embeded. Band all 2nd molars

One of mandibular molar may lost and the mand. 2nd molar is mesially tipped and space loss

18.00 **Class finish**

Day 2 - Thursday

9.45 Biomechanics for Deep-bite and Open bite cases

Bite opening & bite closing

Case Demonstration Non-Extraction, Decrowding Technique

Free the mandible - Maxillary Bite plate

Extraction vs. Stripping (IER) in Adults

Extraction pattern and timing in Adult vs. in Children

12.30 Lunch

14.00 Wire bending Exercise : 0.016" SS leveling arch wire

0.016" x 0.016" SS Intermediate arch wire (or 0.016"x0.022" TMA) with intrusion/extrusion steps (0.016" x 0.016" SS contraction arch wire)

Midline Correction with 0.016"x0.022" SS with 3 contraction loops arch wire

Torque control in the anterior segment

0.016" x 0.022" or 0.017" x 0.022" SS contraction arch wire

Biomechanics for open-bite cases (Revision) &

Vertical control by extraction for bite closure:

The Wedging Principle

Bending Steps and Bracket positioning in open-bite case

Vertical elastics, Short vs. Long Class II elastics

High pull headgear, High pull chin cap

Conclusion: Mechanotherapy for Class I, Class II and Class III treatment

18.00 **Class finish**

Day 3 - Friday

9.30 Monitoring of the host response

Conclusions: The Adjustment phase

1. Final tooth positioning
2. Close the rest of space
3. Fine tuning of the intercuspatation (occlusion)

Marginal ridge relationship leveled and Midline Correction

Stripping and selective grinding

Over-correction. The role of finishing with Superclass I Molar relationship.

Why leave the finishing arch wires in place for at least 6 -9 months.

Segmentalize the arch wires and the use of Maxillo-Mandibular
Elastics (W- or M-Figures)

Case demonstration

12.30 **Lunch**

14.00 Wire Bending Exercise (cont.)

0.016 x 0.022 or 0.017 x 0.022 SS finishing arch wires with tie-
back loops

Conclusions: Retention Phase

Positioner, Wraparound plate

3-3 Max. Retainers (0.016x 0.022 D-Rect or 0.017 Dead soft
Respond)

3-3 Mand. Retainers (0.7 mm hard SS or 0.017x0.022 SS)

6-6 Lingual arch with Spikes

15.00 **Class finish**

WHAT TO BRING ALONG?

Pliers & Wires

0.016x 0.022 D-Rect or 0.0175 Dead soft Respond Dead soft (Ormco 264-1170)

Wire Bending Exercise Book

1 Articulator (Typodont) with acrylic white teeth

1 set of 018 slot Mini WICK Brackets bonded

ORMCO banded with Alexander 1st & 2nd molar bands 018 slot

1 super glue

1 set cementation kit

1 "Stabilo" or Edding Waterproof Marker, M size, Black