

COURSE NO. 6

**THE EDGEWISE BIOMECHANICS (PART II) TREATMENT OF CLASS I MAXILLO-MANDIBULAR ANTERIOR PROTRUSION CASE
EXTRACTION OF THE TEETH 14, 24, 35 & 45**

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

COURSE CONTENTS:

Day 1 - Wednesday

10.00 General discussion of technical problems
Case conferences with quality document only
Revision of differential diagnosis, Treatment planning,
The 5 Treatment phases
Treatment for anterior protrusion cases with
open-bite vs. deep-bite cases

14.00 **Lunch**
Extraction Pattern
Max. 1st premolars and Mand. 2nd premolars
Revision of the biomechanics for retraction of the anterior teeth
Control of the sagittal dimension

TYPODONT SET UP:

Get ready with your Typodont
Please set up your Typodont in a Class I malocclusion
Protrusion of the max. anterior teeth slightly crowding
Protrusion of the mand. anterior teeth
Slightly open-bite or edge to edge bite
In the class the teeth #14,24,35 and 45 will be extracted

18.00 Class finish

Day 2 - Thursday

- 10.00 Control of the vertical dimension
 The use of Sweep, Tie-back loops and Tip-back Bend. The intrusion step
 Timing for extraction of the teeth 14, 24, 35 and 45 in growing child –
 The S.O.S.'s concept of serial extraction
 The Side Effects in :
 The leveling phase,
 The movement phase and
 The contraction phase
- Wire Bending Exercise
 UA 0.016 SS with canine curvature. How great should it be?
 TPA 0.9 mm hard SS wire
- 12.00 Sliding mechanics for max. canine distalization
 Anchorage management with headgear :
- 14.00 Demonstration: Insertion of a Headgear
 Anchorage management without headgear : Engagement of the max. 2nd molars
 Insertion of a Transpalatal Arch (TPA)
 When to remove the TPA?
 Activation of CAW, Torque control
 Engagement of the mand. 2nd molars
 The adjustment phase: Closing the rest of space
 Wire Bending Exercise:
 Intermediate arch wire
 UA 0.016 x 0.016 SS or 0.016x0.022 TMA
 LA 0.016 x 0.022 SS 1st CAW
 LA 0.016 x 0.022 SS 2nd CAW or
 LA 0.017 x 0.022 SS 2nd CAW or FAW
 UA 0.016 x 0.022 SS FAW or
 UA 0.017 x 0.022 SS FAW
- Fine tuning of the occlusion. The use of max.-mand. Elastics
- 18.00 Class finish

Day 3 - Friday

- 10.00 The retention phase
 Positioner vs. Wraparound max. retainer
 Double retainer for maxilla
 Simultaneous use of a Positioner and a Headgear
 as maxillary retainer
- 12.30
- 14.00 Wire Bending Exercise: Contin.
 Case demonstration and discussion
- 15.30 Class finished