

COURSE NO. 12

SURGICAL ORTHODONTIC CORRECTION FOR DENTOFACIAL DEFORMITIES

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 Terminology in the treatment
- What is Dentofacial deformities?
 - Who needs the treatment? Indications Case selection
 - Treatment timing, Early treatment and Late Treatment
 - Dentoalveolar problems vs. Skeletal problems
 - Conventional orthodontics vs. Surgical orthodontics
 - Border line cases
 - Age Limitation and The Limitation of the treatment
 - Documentations. What do you need?
 - A. Differential diagnosis:
 - Cephalometric analysis: 4T in 4D
 - Surgical treatment objectives: Functional Analysis
 - Cephalometric prediction tracing (CPT)
 - Steiner vs. WITS-appraisal
- 18.00 Class finish

Day 2 - Thursday

- 9.45 B. Treatment planning

Presurgical orthodontics

Surgical brackets (Schwan surgical setup)

Fabrication of surgical arch wires

Case demonstration: Class II & Class III cases

C. Mechanotherapy

Compensation vs. Decompensation

Biomechanics and Reverse-mechanics

Non-extraction vs. Extraction therapy

12.30-14.00 Lunch Break

14.00 Current surgical concepts

Correction of the transverse dimension

Surgical orthodontic maxillary expansion

Correction of the vertical and sagittal dimensions

15.30 Case demonstration: Single and two jaw procedures

Adjunct procedures

17.00 Class finish

Day 3 - Friday

9.45 4 keys for decision making prior to the operation

Fabrication of the surgical splints

The two splint technique

CR registration, wax-bit construction

Demonstration: The use of Face bow transfer and semi-adjustable articulator (SAM) and Model surgery

Case demonstration

Open-bite cases

Deep-bite and how to increase the vertical dimension

Short class II elastics

Postsurgical orthodontics

Postsurgical gymnastics

12.30 - 14.00 Lunch Break

14.00 RELAPSE AND POSTTREATMENT CHANGES

Why and When does it occur?

HOW TO PREVENT RELAPSE?

How to obtain long-term stability?

15.30 Class finish

What to bring along?

Your case documents (surgical cases only)

Lateral cephalograms of your cases

Tracing papers, Tracing kits

1 viewing box