



BACK TO BASICS AND BIOMECHANICS

Mondsee, Austria, April 26th – May 1st 2027

Dr Giovanni Biondi and TEOS Instructors

MONDAY, April 26th

08.30-13.00

Welcome and pliers' check

Introduction to the diagnosis and to a reasoned approach to treatment plan

Wire bending: *basic loops: omega loop stop, closing loop*

The orders: the basis for individualized treatment

The first order

Wire bending: *step in / step out, lower and upper first order*

13.00-14.00 *lunch break*

14.00-19.00

Wire bending: *coordinated archwires*

Diagnosis and treatment plan based on FACE, SKELETAL PATTERN, DENTITION

Wire bending: *basic loops: running loop, helical bulbous loop*

The orders: the basis for individualized treatment

The third order

Wire bending: *standard torque, active/passive torque, sectional and single torque*

TUESDAY, April 27th

09.00-13.00

Wire bending: *coordinated archwires with first and third order*

“Extractions or no extractions: that is the question”

Case reports

The orders: the basis for individualized treatment

The second order

Wire bending: *lower and upper anchorage preparation*

13.00-14.00 *lunch break*

14.00-19.00

Wire bending: *step up / step down, bends for root uprighting*

Case reports

Wire bending: *“all the bends together” coordinated archwires with all three orders*

WEDNESDAY, April 28th

09.00-13.00

Treatment on 3D models of a class I malocclusion with extraction of the first four bicuspids

Wire bending: *set#1 denture preparation: alignment, anchorage preparation and cuspid retraction*

set#2 denture correction: space closure

Case reports

13.00-14.00 *lunch break*

14.00-19.00

Wire bending: *set#2 denture correction: space closure*

set#3 denture finition

Wire bending: *first, third and second orders exercises to finalize the case*

Case reports

THURSDAY, April 29th

09.00-13.00

The Class II malocclusions

Wire bending: wax typodont: class II malocclusion with extraction of first upper bicuspid and second lower bicuspid
typodont set#1: alignment, upper cuspid distalization, lower first molar mesialization, upper anchorage preparation

Case reports

13.00-14.30 *Lunch break*

14.30-19.00

Wire bending: wax typodont: continue typodont set#1

The mandibular response

Case reports

FRIDAY, April 30th

09.00-13.00

Wire bending: wax typodont: typodont set#2: lower anchorage preparation, upper space closure

Case reports

13.00-14.30 *Lunch break*

14.30-19.00

Wire bending: continue typodont set#2

Class II malocclusions treated without bicuspid extractions

Class II sequential mechanics

Introduction to the use of TADs in the class II mechanics

Wire bending: wax typodont: distalization arch with helical bulbous loop

Case reports

SATURDAY, May 1st

09.00-13.00

Wire bending: wax typodont: continue with distalization arch with helical bulbous loop
typodont set#3: finition, intercuspidation, artistic bends

Case reports

13.00-14.30 *Lunch break*

14.30-17.00

Wire bending: wax typodont: continue typodont set#3

Biomechanics applied to adult orthodontic patients

The lower incisor extraction

17.00 *End of the course*