THE TWEED EDGEWISE TECHNIQUE

INCLUDES TYPODONT LABORATORY EXERCISES

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**Goals:** This series of lectures, typodont, and wire bending exercises, should enable the resident to:
1. Apply Tweed diagnosis and treatment technique.
2. Be familiar with the Tweed-Merrifield philosophy of orthodontic treatment

**Objectives:** At the end of this series, the resident should:
1. Be proficient in 10-2 treatment mechanics on the typodont.
2. Apply the mechanotherapy on typodont in the correction of different types of malocclusions.
3. Have in depth knowledge in the different stages of the Tweed treatment.
COURSE DURATION AND SCOPE: This course is scheduled for full 8 days, 8 hours/day, for all the residents. It includes the basics of the Tweed philosophy, with exercises on wire bending, and direct application of the covered issues on typodont.

POLICY ON EXAMINATIONS: One examination is given at the end of the course. It includes theoretical and practical assignments.

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SUMMARY OUTLINE
- BASICS OF TWEED PHILOSOPHY
  - WIRE BENDING EXERCISE
  - TYPODONT

COURSE OUTLINE

1. BASICS OF TWEED PHILOSOPHY
   A. Introduction to the Tweed-Merrifield philosophy and technique
   B. Diagnosis: Tweed cephalometric analysis and total space analysis
   C. Vertical control and anchorage preparation
   D. Sequential anchorage preparation: Ten- two system
   E. Phases of every treatment
      a. Denture preparation
      b. Denture correction
      c. Denture completion
      d. Recovery
   F. Clinical examples

2. WIRE BENDING EXERCISE
   Configurations
   A. Omega loop stop
   B. Bull loop
   C. Helical bulbous loop
   D. Cherry loop
   E. Shoe horn loop
   F. First order
   G. Second order
   H. Third order bends
   I. Coordination exercises
3. TYPODONT
   A. Treatment of a class I biprotrusion case with the extraction of four first bicuspids
   B. Treatment of a class II case with the extraction of upper first and lower second bicuspids
   C. Treatment of a class II biprotrusion case with the extraction of four first bicuspids and distalization of molars
   D. Treatment of a class II case non extraction

REFERENCES