

5 Session Beginning Orthodontic Course

January 22-23, 2021 Session I

Call (765) 778-3332 to register.

This five-session beginning orthodontic course is taught by internationally known speakers who have successfully trained and mentored many dentists. This beginning course is an **all in one** program, offering a **hands on** practical lab along with the associated lecture.

You will be provided all the necessary software including data collecting and cephalometric diagnostic programs developed by JKL Software LLC.

You will not be alone in this new venture but will have the support of IAO Mentors and Central Indiana Study Club. After this course, you will be proficient in providing orthodontic treatment and along with that, you will be providing the best care for your patients.

Session 1 begins January 22-23, 2021. Call **765-778-3332** to register.

Course Outline:

Session I: January 22-23, 2021

The goal is to collect useful data for proper diagnostics and treatment results.

A. Patient Exam data collection includes:

1. Vital Statistics.
2. Dental Statistics including soft tissue exam, study model analysis, radiographic interpretation, photographic records, and impression technique for excellent models.
3. Medical Statistics including TM Joint evaluation, ROM analysis, Muscle function.

B. Introduction to Cephalometrics:

1. Learn the IAO/IBO cephalometric tracing method.
2. Learn to understand the diagnostic values.
3. Learn the growth and development patterns.

C. Functional Appliance:

1. Horizontal Expanders for Mx and Mn including Shwartz, ALF, Fixed Expander, and Nitinol Type Expanders
2. AP Expanders for Mx/Mn relationships including Sagittal, Herbst, etc.
3. Inter-arch appliances

D. Case selection to start a Phase I Class I crowding case.

1. Complete a diagnostic record for Phase I Class I crowding case.
2. Complete a Schwartz analysis.
3. How to use a Schwartz Appliance

Session II: March 22-23, 2021

The goal is to understand Fixed Straight Wire Mechanics.

- A. SW Mechanics
 - 1. Archwires
 - 2. Bands and Buccal Tubes
 - 3. Brackets and Bracket Placement
 - 4. Elastomerics
 - 5. SWA Presentation
 - 6. History of Orthodontics
 - 7. 2017 Forum Cephalometric
- B. Radiographic Records
 - 1. Lateral Head Radiograph
 - 2. Objective
 - 3. Anatomy
 - 4. Airway Evaluation
 - 5. Radiographic Report
- C. Diagnosis and Treatment Planning
 - 1. Radiographic Problem List
 - 2. Study Model Problem List
 - 3. Family History Problem List
 - 4. Dental and Medical History Problem List
 - 5. How to resolve the problems
 - 6. Time Factor and Fee
 - 7. Any Compromises
 - 8. Retention
- D. Review the first case started in Session I
 - 1. What are the problems
 - 2. Is it ready to finish with Fixed or Clear Aligner

Session III: May 21-22, 2021

Goal is to understand the correction of Class I, Class II div 1 and div 2

- A. Class I Occlusion
 - 1. Cephalometric analysis of Class I
 - 2. Mechanics for Class I
 - 3. Treatment Plan for Class I
 - a. Wire mechanics
 - b. Brackets
 - c. Elastomerics

- d. Retention
 - e. Clear Aligner
- B. Class II div 1 Occlusion
 - 1. Cephalometric analysis of Class II div 1
 - 2. Mechanics for Class I Class II div 1
 - 3. Treatment Plan for Class II div 1
 - a. Wire mechanics
 - b. Brackets
 - c. Elastomerics
 - d. Retention
 - e. Clear Aligner
- C. Class II div 2 Occlusion
 - 1. Cephalometric analysis of Class II div
 - 2. Mechanics for Class I Class II div 2
 - 3. Treatment Plan for Class II div 2
 - a. Wire mechanics
 - b. Brackets
 - c. Elastomerics
 - d. Retention
 - e. Clear Aligner
- D. Band and Bracket Typodont and/or the actual study model of case started from Session I.
 - 1. Homework is to bracket the first case started in Session I.
 - 2. Present your experience in starting the first case.

Session IV: July 23-24, 2021

The goal is to learn the combined treatment with using Fixed and Removable Appliances.

- A. Review Case started in Session I. At this time, the case may be in fixed bands and brackets and/or in clear aligner.
- B. Myofunctional Habits of the oral facial organ:
 - 1. Tongue Thrusting
 - 2. Thumbsucking
 - 3. Airway Management
 - 4. Other parafunctional habits
- C. Present the first case detailing any questions from Session I to Session III.
- D. Enter the case into Casework and submit to Mentors to help finish the case.
- E. Introduction to TMD and OSA with discussion of the comorbid conditions.

Session V: September 18-19, 2021

Rounding Up

- A. IAO membership benefit detailing
- B. Forum format covering everything from Sessions I-IV.