

Comprehensive Orthodontic Training Program

Curriculum of 6X6 combo format in Istanbul

SECTION 1: This section includes Modules 1&2

Tools to start your “bread and butter” orthodontic cases

Learn the first steps to start orthodontic cases properly and profitably in your practice. Your skills are developed over 8 sample cases of various types and ages, establishing the first level of cases to accept into your practice. You will learn every detail of these cases so you can reproduce a high standard of treatment results on similar cases. This is real and reproducible orthodontics. You will see these types of cases on a daily basis, and through the training in this section, will confidently treat these cases in your practice.

Module #1 (includes Seminars 1&2, three days each seminar)

(Seminar #1) Clinical Evaluation, Records, & First Consultation

- Case Classification of All Ages
- Generating and Computer Processing Orthodontic Records
- Setting Goals, Objectives, & Limitations
- Patient and Family Dynamics when Seeking Orthodontic Services
- Timing and Start of Orthodontic Treatment
- The Initial Clinical Exam & Live First Consultations
- Set Up Your Practice to be Efficient and Profitable

(Seminar #2) Cephalometrics, Dental VTO Predictions & Second Consultation

- McGann Lateral and Frontal Cephalometric Analysis
- Model Measuring with Your Computer
- Dental VTO (Visual Treatment Objective) Tool to Support the Treatment Decision
- Creating Individualized Treatment Plans
- Non-Extraction and Bicuspid Extraction Treatment Options
- Computer Analysis of Orthodontic Records
- Live Presentations of the Second Consultation using “consultation key points” as a guideline

Module #2 (includes seminars 3 &4, three days each seminar)

(Seminar #3) Individual Patient Appliance® Application

- Banding & Bonding on a typodont with gums and a skull with teeth
- Bracket Variations Used to Minimize Wire Bending
- Computer Design & Ordering of IP Appliance®
- Single Patient Ordering with Minimum Inventory
- Selecting the Correct Arch Wire and Shape
- Introduction to Range of Brackets Torque (RBT) prescription for Predictable Incisor Positioning
- Tie-In Techniques & Wire Progression
- The Alignment Stage, Your First Year Practice

(Seminar #4) Complete treatment. Alignment, Mechanics and Finishing of our 8 cases

- Edit World-Class Treatment Plans for Your Individual Patient including Incisor Torque & Molar Buccal Tube Diagnosis
- Anchorage Setups for Various Amounts of Incisor Retraction
- Elastics and Coils for Force Application
- Standard wire progression vs 1 wire technique
- Basic Mixed Dentition Diagnosis and Treatment planning
- Extra-Oral Force Theory & Application (Cervical Hg & Reverse-Pull Headgear) + Use of Transpalatal Bars, Lingual Arches and Rapid Palatal Expansion.
- Cephalometric overlay to evaluate treatment results and growth
- Hands on: Finishing bends. #1010, #787 and #1001

SECTION 2: This Section includes Modules 3 &4

Expanding the Range of Your Orthodontic Capabilities

You will develop skills to form the foundation for an effective and easy to apply orthodontic system in your own practice. Learn extraction and non-extraction diagnosis of class II and III cases of increasing severity, using dental VTO predictions and computerized anchorage predictions, as you become a customized fixed appliance expert. You will personally complete the 'doctor work' of diagnosis and treatment planning of instructional cases, in the process developing your skills and confidence to integrate quality orthodontics into your clinic.

Module # 3 (includes Seminars 5 &6, three days each seminar)

(Seminar #5) Mixed Dentition Diagnosis, Pre-Restorative Orthodontics & Finishing to Optimal Occlusion

- Mild class II and class III tendency management, Growth in class II cases, Basic Cuspid impaction retrieval and how to deal with Deep Bite Cases.
- Introduction to the concepts of “Dentofacial Orthodontics” and “Multiple Option Consultation”
- Identifying Skeletal Resistance and What This Means to Treatment
- Anchorage Planning with Technology for Consistent Finishes
- Management of class III and class III tendency cases
- Growth in class II cases and treatment of deep bite cases
- Introduction to the diagnose and treatment of Impacted Teeth

(Seminar #6) Growth Prediction for Class II Cases & Unconventional Extraction Sites

- Mixed Dentition diagnosis taking growth into account, Molar extractions and other unconventional extraction sites
- When Extraction of Molars or Lateral Incisors May Be the Best treatment alternative.
- Predicting and Treating Incisor Advancement and Protrusion, management of biprotrusive growing and non growing cases
- Mixed dentition treatment plan, plan 150
- More about POS Growth Estimated Prediction System. Factoring Growth into VTO Predictions
- Hands on the articulator on TPA, finishing bends with finishing pliers

Module # 4 (includes seminars 7 & 8, three days each seminar)

(Seminar #7) Diagnosis and Treatment of Non-Growing Class II and Class III Cases

- More Mixed Dentition cases, Treatment of Asymmetry and Management of Biprotusions in growing and non growing patients.
- Introduction to treatment of assymetries
- Dental versus Skeletal Asymmetry
- Functional Shift Diagnosis (corrected records)
- McGann Frontal Cephalometrics with Computer Analysis
- Management biprotusions in growing and non growing patients
- Lower Lingual Arches, Utility Arches and Anchorage Planning
- Using Growth to Your Advantage

- Hands on: Cervical headgear, utility arch, advancing arches and adjusting z bends, T loop intrusion (squeeze mesial vs. Snoopy), nitie closed coil activation on articulator and skew archwires for midline correction.

(Seminar #8) More on Asymmetry and mixed dentition Cases & Dento-Aveolar Bone Remodeling

- Establish a system to Diagnose and Treat Asymmetric Cases
- More mixed dentition cases
- Labial Cortical Bone Remodeling for More Non-Extraction Treatments
- Correct Major Class II and III without Cooperation or Orthognathic Surgery
- Introduction to Skeletal Anchorage: Apply Forces to the Skeleton, Not Teeth
- Bone Modifications to Control Vertical and Transverse Dimensions

SECTION 3: this section includes Module 5 &6

Multidisciplinary Orthodontics

Students will thoroughly diagnose and edit cases to develop their knowledge and capabilities in multidisciplinary orthodontic treatments, integrating with periodontics, TMD, implantology, and restorative fields. Add skeletal anchorage to your arsenal of capabilities to gain full control of the vertical dimension. After presenting two of your own cases and taking a final exam to graduate, your capabilities and treatment results will now surpass most of those practicing in your area.

Module # 5 (includes seminars 9 & 10, three days each seminar)

(Seminar #9) Basic Skeletal Anchorage and Surgical Application to Control Vertical (deep bite) , Upper Molar Intrusion and Lower Minimal Anchorage (molar mesialization)

- Dentofacial Orthodontics: Do More Than 'Just' Straigten Teeth. Orthodontics vs Dentofacial ortodontics
- Basic Skeletal Anchorage and Surgical Application h for Easier and More Effective Ortho
- Bone Plates versus Orhto Anchors (TADs) with Mechanics for Each
- Surgeons Referral Manual. Easy Skeletal anchorage” Written by: Don McGann, DDS
- Deep Bite is No Longer a Problem!, nor Oclusal plane cants!.
- Anterior Cortical Anchorage for Minimum Anchorage Arches
- Correct Gingival Display at All Ages without Orthognathic Surgery
- Orthognathic Surgery Computer VTO Predictions in 2 Minutes

- Surgically assisted expansion
- Coordinating with the Maxillofacial Surgeon, Periodontist, or Do It Yourself
- Hands on: Skeletal Anchorage Placement exercises on your skull
 - Lower intrusion skeletal anchorage #1117
 - Lower anterior skeletal anchorage #1118
 - Palatal ortho anchor for molar intrusion
 - Lower molar ligation #1119
 - Piriform rim intrusion #1031 could be done in this seminar or better in the next one

(Seminar #10) Intermediate Skeletal Anchorage and Surgical Application to correct severe class II cases that require maximal upper retraction. Growing class II patients and growth management. More severe impactions

- Class II growth management.
- Maximal retraction is no longer an issue using skeletal anchorage.
- Need of using suspension wires after intrusion during retraction
- Severe midline correction and skeletal anchorage
- Management of severe impactions
- Hands on: Skeletal Anchorage Placement exercises on the skull
 - Zygoma buttress boneplates for active retraction #783, #1027
 - Upper molar ligation #1027
 - Zygoma ligation, loop bending for auxiliary wire + ss closed coil 1072 #1027
 - Unilateral 8 hole boneplate for midline correction #1062
 - Lower molar ligation #1119
 - Piriform rim intrusion #1031

Module # 6 (includes seminars 11 & 12, three days each seminar)

(Seminar #11) Advanced Case Diagnosis including Orthognathic Surgery Alternatives

- Preliminary diagnosis for multioption second consultation.
- Orthodontics vs Dentofacial ortodontics and vs Orthognathic surgery
- Severe skeletal Class II cases management.
- More gingival display management, .retract without extruding and multiple coil intrusion (Section 4)
- Severe skeletal class III cases and lower retraction with lingual Cortical Bone Remodeling
- More growth management in class II growing patients
- Surgical VTO Predictions, Treatment Plans, & Working with the Surgeon

(Seminar #12) Putting It Together: Periodontics, Maxillofacial, TMD, Implantology, & Orthodontics

- Diagnosing and Treatment Planning of 4 Complicated-Multidisciplinary Cases that YOU Can Now Manage #1074, #1070, #950 and #1037
- ON LINE 50 question Final Exam multiplechoice–Covering Over 1000 Orthodontic Principles
- Presenting Two of Your Own Cases
- Improving the prognosis of periodontal cases with ortho.
- Common orthodontics approaches that can exacerbate TMD and Management of TMD patients
- Building Ridges with Ortho Before Implant Placement
- Introduction to Corticotomy to overcome skeletal resistance and extend the range of dental movements
- Surgical cases
- Management of transpositions and warren springs.
- Hands on: warren springs