

LEARN BY DOING

BECOME KNOWLEDGEABLE AND CONFIDENT IN ORTHODONTICS

SESSION I

Outline

- Introductions
- Evolution of the Tip-Edge Appliance
- Introduction to "Hands-On" Patients
- Introduction to Stage One
- The Orthodontic Work-Up

Objectives

- To demonstrate and explain the steps needed for the Orthodontic Workup
- To explain the Differential Straight-Arch® Technique from the initial banding and bracketing of the orthodontic patient through slides, lecture, and typodont exercises
- To explain and demonstrate Stage One of the Differential Straight-Arch® Technique
- The initial banding and bonding of patients in clinic

SESSION II

Outline

- Tip-Edge Stage One* Treatment in detail
- "Hands-On" Patients from Session I
- Cephalometric, Model, and Bolton Analysis
- Patient consult appointment
- Patient informed consent
- Financial arrangement

Objectives

- To recognize and identify the information needed to diagnose the orthodontic patient. Explain Stage One with lecture, slides and review of the Differential Straight-Arch® Technique Guide. The diagnosis and clinical application of the technique will also be covered
- To demonstrate treatment diagnosis through a slide presentation, lecture, and cephalometric tracing exercises
- To demonstrate through lecture and slide presentation the patient consult appointment

SESSION III

Outline

- Review Stage One
- Stage One problems
- Palatal expansion
- Cuspid impactions



- Continue Diagnosis Lecture
- "Hands-On" Patients from Session II

Objectives

- To review all aspects of Stage One treatment and discuss problem areas relating to this stage of treatment. The clinical application of the technique to be discussed in detail
- To explain and demonstrate through slides, lecture, and written material: palatal expansion and cuspid impaction

SESSION IV

Outline

- Introduction - Stage Two and Pre-Stage Two
- "Hands-On" Patients from Session III
- Air-Rotor Stripping
- TMJ Disorders and ortho diagnosis continued

Objectives

- To begin discussion through slides, lecture, and typodont exercises Pre-Stage Two, Stage Two, and Pre-Stage Three. Clinical application of the Stages of treatment will be covered as well
- To discuss through lecture, written material, video, and audio tapes the Air-Rotor Stripping Technique.
- To discuss and explain TMD disorder and its relationship to orthodontics

SESSION V

Outline

- Stage Two, Pre-Stage Three, in detail
- Etiology of Malocclusion
- Extraction and non-extraction treatment
- "Hands-On" Patients from Session IV

Objectives

- To review Stage One through Pre-Stage Three and discuss areas of problems relating to these Stages and their clinical application
- To discuss through written material, lectures, and slides the etiology of malocclusion
- To explain the difference between non-extraction and extraction treatment, along with the various extraction site options

SESSION VI

Outline

- Midterm Exam
- Practice Management – “Trend Systems”
- Trend Systems
- “Hands-On” Patients from Session V
- Review Stage One, Two, Pre-Three

Objectives

- To explain and discuss practice management of the orthodontic patient as it relates to the financial office policy
- To continue to discuss and explain the various aspects of the Differential Straight-Arch® Technique through lecture, slides, and comprehensive exam of material covered in session’s I-V

SESSION VII

Outline

- Introduction to Stage Three
- Lecture on tooth movement and apical resorption
- “Hands-On” Patients from Session VI

Objectives

- To learn Stage Three through lecture, slides, typodont exercises, and clinical application
- To explain through lecture, written material, and slides tooth movement and the problems of root resorption

SESSION VIII

Outline

- Stage Three in Detail
- Airway, Habits
- “Hands-On” Patients from Session VII
- Risk Management

Objectives

- To continue through lecture, slides and clinical application the understanding of Stage Three of the Differential Straight-Arch® Technique
- To explain and discuss with articles, handouts and class discussion risk management as it relates to the orthodontic patient
- To discuss the slides, handouts, and slides various patient oral habits and their relationship to orthodontic malocclusions

SESSION IX

Outline

- Review all Stages
- “Hands-On” Patient from Session VIII
- Finishing
- Growth/Development – Functionals

Objectives

- To explain and demonstrate (lab and clinical) the various finishing techniques of the Differential Straight-Arch® Technique in finishing the orthodontic cases
- To discuss through lectures, handouts, and slides the functional appliances that can be used in conjunction with the Differential Straight-Arch® Technique
- To explain growth and development and their importance to the orthodontic patient

SESSION X

Outline

- Early treatment
- Limited treatment
- Review diagnosis
- “Hands-On” patients from Session IX



Objectives

- To discuss through lectures and handouts the pros and cons of One-Phase vs. Two-Phase Orthodontic Treatment
- To explain the uses of limited treatment objectives in some select patients with lecture, slides, and handouts

SESSION XI

Outline

- Debanding and Retention
- Orthognathic Surgery
- Troubleshooting
- “Hands-On” patients from Session X
- Early treatment of malocclusions



Objectives

- To discuss through lectures and slides the various retention options
- To explain the various orthognathic surgery options vs. a camouflage approach

SESSION XII

Outline

- “Hands-On” patients from Session XI
- Final Review - Final Exam
- Graduation Awards Luncheon/Dinner

Objectives

- To review the Differential Straight-Arch® Technique from work-up to retention
- Comprehensive examination
- Final discussion of the Differential Straight-Arch® Technique

* The Differential Straight-Arch technique employs differential forces and mechanics and is separated into three main stages. Each stage has its own objectives which are explained in detail in the course text. This has proven helpful for those teaching, as well as learning, and in general facilitates treatment, and improves the quality of the results.