

# **PRACTICAL CLINICAL COURSES**

A Service of the Gordon J. Christensen  
Career Development Program

## **V6306**

### **Practical Orthodontic Procedures for General Dentists**

David A. Wright, DDS, MBA, MAGD  
Gordon J. Christensen, DDS, MSD, PhD

#### **Materials Included**

C.E. Instruction Sheet  
Products List  
Clinicians Responsible  
Goals & Objectives  
Overview  
Supplemental Materials  
AGD Post-Test

**Gordon J. Christensen**  
**PRACTICAL CLINICAL COURSES**

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Gordon J. Christensen  
**PRACTICAL CLINICAL COURSES**  
*Sources of Products Discussed in*

**V6306 Practical Orthodontic Procedures for General Dentists**

Presented by: David A. Wright, DDS, MBA, MAGD & Gordon J. Christensen, DDS, MSD, PhD

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3. **Aligner Brand (Invisalign)**  
Align Technology, Inc.  
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(408)470-1000  
[www.invisalign.com](http://www.invisalign.com)
4. **Aligner Brand (Simpli5)**  
Ormco Corporation  
200 S Kraemer Blvd.  
Brea, CA 92821  
(800)854-1741  
[www.ormco.com](http://www.ormco.com)
5. **Aligner Brand (SmileDirectClub)**  
SmileDirectClub  
414 Union Street, 8<sup>th</sup> Floor  
Nashville, TN 37219  
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Amherst, NY 14228  
(716)691-0010  
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10. **TurboMAX Alginate Auto Mixer by Dentsply**  
Patterson Dental Supply, Inc.  
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Montreal, QC H3M 3E6  
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(800)240-4604  
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***Product names, the products themselves, and company names change rapidly. Please contact the companies shown to confirm current information.***

Gordon J. Christensen Practical Clinical Courses, 3707 North Canyon Road, Suite 3D, Provo, UT 84604  
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## PROGRAM

### **V6306 Practical Orthodontic Procedures for General Dentists**

#### CLINICIANS RESPONSIBLE:

**David A. Wright, DDS, MBA, MAGD**

Practicing General Dentist, Waterford, Michigan  
Mentor, Practical Clinical Courses

**Gordon J. Christensen, DDS, MSD, PhD**

CEO, Practical Clinical Courses  
CEO, CR Foundation  
Practicing Prosthodontist, Provo, Utah

#### GOALS & OBJECTIVES

At the completion of this video presentation, viewers should be able to:

1. Discuss orthodontic terms that differ from those normally used by general dentists.
2. Compare the tooth numbering system used by orthodontists and the system used by USA general dentists.
3. List the major controversies currently identifiable in orthodontics.
4. List the major modes (techniques) for orthodontic treatment.
5. Discuss retention of teeth to hold them in place after orthodontic treatment.
6. Discuss types of retainers.
7. List the steps for removable retainer fabrication.
8. Discuss the "gold standard" for fixed retainers.
9. List the steps for fixed retainer fabrication.
10. Compare the effectiveness of fixed vs. removable retention.
11. Discuss the use of staff expanded functions in orthodontics.
12. Define phase 1 orthodontic treatment.
13. Define phase 2 orthodontic treatment.
14. Define and discuss adult orthodontic treatment.
15. Discuss which type of orthodontic treatment is most predominant in practice (phase 1, phase 2, or adult).
16. Discuss controversies in aligner treatment.
17. Discuss "Expert Guided" treatment for aligners.
18. Discuss obtaining orthodontic continuing education for general dentists and pediatric dentists.
19. Discuss the effect of adding orthodontics to a general practice.
20. Discuss the potential practice financial implications of adding orthodontics to a general practice.

## OVERVIEW

### **V6306 Practical Orthodontic Procedures for General Dentists**

Even though orthodontics was one of the first specialties in dentistry, this part of dentistry has never made major inroads into general practice. This video clearly shows the potential advantages of integrating orthodontics into general practice. The program is provided by a highly successful general practitioner, Dr. David Wright, who has accomplished orthodontics in his Michigan practice for over 20 years. Dr. Gordon Christensen poses pertinent questions for Dr. Wright many times during the presentation.

The following and other topics are included in the video:

- Orthodontic terms that differ from those normally used by general dentists
- The tooth numbering system used by orthodontists and the system used by USA general dentists
- The major controversies currently identifiable in orthodontics
- The major modes (techniques) for orthodontic treatment
- Retention of teeth to hold them in place after orthodontic treatment
- Types of retainers
- Steps for removable retainer fabrication
- The “gold standard” for fixed retainers
- The steps for fixed retainer fabrication
- Effectiveness of fixed vs. removable retention
- Use of staff expanded functions in orthodontics
- Phase 1 orthodontic treatment
- Phase 2 orthodontic treatment
- Define and discuss adult orthodontic treatment
- Which type of orthodontic treatment is most predominant in practice (phase 1, phase 2, or adult)
- Current controversies in aligner treatment
- “Expert Guided” treatment for aligners provided by aligner companies
- Discuss obtaining orthodontic continuing education for general dentists and pediatric dentists
- The effect of adding orthodontics to a general practice
- Potential practice financial implications of adding orthodontics to a general practice

## SUPPLEMENTAL MATERIALS

### **V6306 Practical Orthodontic Procedures for General Dentists**

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2. Carrico CK, Castroflorio T, d'Apuzzo F, Grassia V, Lindauer SJ, Perillo L, Shroff B. [Clear aligner treatment: different perspectives between orthodontists and general dentists](#). Prog Orthod. 2019 Mar 11;20(1):10. doi: 10.1186/s40510-019-0263-3.
3. Gonzalez WE. [Orthodontic Smiles: Interview with Dr. Gordon Christensen](#). JAOS. Winter 2019:18-22.
4. Ke Y, Zhu M, Zhu Y. [A comparison of treatment effectiveness between clear aligner and fixed appliance therapies](#). BMC Oral Health. 2019 Jan 23;19(1):24. doi: 10.1186/s12903-018-0695-z.
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6. Cha J, Chung CJ, Hwang S, Kim K, Lee R, Lim H. [Treatment satisfaction and its influencing factors among adult orthodontic patients](#). Am J Orthod Dentofacial Orthop. 2018 Jun;153(6):808-817. doi: 10.1016/j.ajodo.2017.09.015.
7. Gonzalez E. Orthodontic Smiles: Episode 12 Dr. Gordon Christensen. <http://orthodonticsmilespodcast.libsyn.com/website/episode-12-dr-gordon-j-christensen>, April 23, 2018.
8. Christensen LR, Cunningham SJ, Ryan FS, Wong L. [Factors influencing satisfaction with the process of orthodontic treatment in adult patients](#). Am J Orthod Dentofacial Orthop. 2018 Mar;153(3):362-370. doi: 10.1016/j.ajodo.2017.07.017.
9. Best AD, Carrico CK, Lindauer SJ, Shroff B. [Treatment management between orthodontists and general practitioners performing clear aligner therapy](#). Angle Orthod. 2017 May;87(3):432-439. doi: 10.2319/062616-500.1. Epub 2016 Nov 22.
10. Karpe S, Kattimani V, Ratnaditya A, Suresh M. [One Phase versus Two Phase Treatment in Mixed Dentition: A Critical Review](#). J Int Oral Health. 2015 Aug;7(8):144-147.
11. Johnston CD, Littlewood SJ. [Retention in orthodontics](#). Br Dent J. 2015 Feb 16;218(3):119-122. doi: 10.1038/sj.bdj.2015.47.
12. Cotton LA. Slow maxillary expansion: [Skeletal versus dental response to low magnitude force in Macaca mulatta](#). Am J Orthod. 1978 Jan;73(1):1-23.

## POST-TEST

### **V6306 Practical Orthodontic Procedures for General Dentists**

1. Orthodontists usually use the following tooth numbering system:
  - a. 1 to 32.
  - b. the quadrant system 1-8 designated into the four quadrants.
  - c. either system.
  - d. none of the above.
  
2. The most controversial topic in orthodontics is currently:
  - a. fixed vs. removable retainers.
  - b. tooth extraction to facilitate orthodontic movement.
  - c. bracket design.
  - d. lay public use of aligners.
  
3. The best method to move teeth is:
  - a. fixed appliances.
  - b. removable appliances.
  - c. aligners.
  - d. the modality that best relates to the patient's need.
  
4. Overall, which treatment mode has the least potential challenges?
  - a. Removable appliances
  - b. Fixed wires
  - c. Aligners
  - d. They are all about equal in challenges
  
5. Which part of orthodontic treatment has the most potential practice income?
  - a. Adult treatment
  - b. Adolescent treatment
  - c. Phase 1 treatment
  - d. Removable appliances
  
6. "Expert Guided" therapy for aligners includes:
  - a. you reading a manual for guidance.
  - b. the aligner company providing help for the dentist.
  - c. you taking a course on the topic with which you are involved.
  - d. none of the above.
  
7. When needed, which arch expansion procedure is most used?
  - a. Maxillary arch
  - b. Mandibular arch
  - c. Either arch
  - d. This procedure should not be accomplished

POST-TEST (CONT'D)

**V6306 Practical Orthodontic Procedures for General Dentists**

- 8. Companies promoting fast movement of teeth:
  - a. are providing an acknowledged needed service.
  - b. are controversial.
  - c. are well accepted by the orthodontic specialty.
  - d. should be one of your first orthodontic courses.
  
- 9. An orthodontic procedure that can easily be incorporated into a GP practice is:
  - a. full-arch wires.
  - b. removable appliances.
  - c. replacing broken or lost retainers.
  - d. none of the above.
  
- 10. A suggested simple retainer concept is use of:
  - a. suck-down formers to make retainers.
  - b. pressure forming devices to make retainers.
  - c. either of the above.
  - d. none of the above.

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