



# dentalcare.com CE Online Interactive Course

**Procter& Gamble** verifies that

Prof. Alberto Rodriguez-Archilla

Is Awarded 4 Hour(s) of Continuing Education Credit for Successful Completion of:

### Lasers in Dentistry: Minimally Invasive Instruments for the Modern Practice

Steven R. Pohlhaus, DDS

Method: Self-instructional AGD Subject Code(s): 135, 10, 250

Upon completion of this course, the dental professional should be able to:

- Understand basic laser physics.
- Describe the concept of stimulated emission and what is an active medium.
- · Differentiate between the concepts of energy versus power.
- Describe the difference between average power and peak power.
- Understand the three different laser emission modes and their role in peak power and thermal effects on target tissue.
- Understand the impact of pulse duration on peak power and thermal effects on target tissue.
- Define thermal relaxation.
- State the four types of tissue interaction.
- · Define chromophore.
- Know the tissue temperatures that result in hyperthermia, coagulation, denaturation, vaporization, and carbonization.
- Describe the four major categories of dental lasers in use today.
- State the three safety practices required for all laser types.
- Understand the role of laser fluorescence in caries diagnosis and management.
- Know which types of lasers are able to be used on hard tissue.
- Understand the basic principles of hard tissue ablation and laser restorative techniques.
- Describe the various soft tissue surgical techniques.
- Define PIPS and its role in endodontics.
- State uses of low level laser therapy/biostimulation in dentistry.

#### 12/11/2017

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## **Approved PACE Program Provider**



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NOTE: Date of completion is based on Eastern Standard Time