



Dr. Marianna Evans is a board-certified dual specialist in orthodontics and periodontics practicing in the greater Philadelphia area. She divides her time between private practice, teaching at the University of Pennsylvania Department of Orthodontics, and clinical research. A published researcher, Dr. Evans lectures frequently on airway orthodontics and periodontal plastic surgery. She co-founded the **OrthoPerio Institute™** and recently developed 4D Morphotropic Orthodontics, an airway focused preventative orthodontic treatment.

## Perio-Ortho-Airway Connection

### Course Description:

Alveolar bone deficiencies pose a great challenge to interdisciplinary therapies necessary to save teeth and place dental implants. Today, alveolar bone deficiencies, and gingival recession associated with them, have reached pandemic levels, as has malocclusion. So what explains this? Some evidence suggests the causality between pathologic breathing, facial skeletal hypoplasia and alveolar bone deficiencies. These co-morbidities develop simultaneously early in life, and then worsen with age. This presentation will explore the linkages between malocclusion, periodontal and airway health as well as will discuss interdisciplinary treatment and prevention modalities with implications to periodontal and restorative practice.

### Learning Objectives:

1. To understand the sequence of inter-related phenomena that lead to malocclusion, gingival recession and compromised upper airway function.
2. To learn airway rational for periodontal regenerative therapy.
3. To learn the concept of guided facial growth as the key to optimal airway, periodontal and occlusal health.

**Friday, October 18, 2019 8:00am-4:00pm**

**Light Breakfast & Lunch Provided**

**Location: Ft. Orange Club, Albany**

**7 Continuing Education Credits**



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