

## COURSE OUTLINE

### Abstract:

This 2 1/2-day course is for those who have attended Segments I (Introduction), II (Record Taking and Splint Making), and III (Diagnosis and Treatment Planning). This course is about surgical treatment planning and surgical methods that promote treatment accuracy. Oral and Maxillofacial Surgeons are also invited to participate in this course without prerequisite.

### Day 1, Fri Feb 13, 2009    **Diagnosis and Treatment Planning Presentations**

08:00 - 08:30	Registration
08:30 - 10:30	Participant Presentations
<b>10:30 - 10:45</b>	<b>Break</b>
10:45 - 12:00	Participant Presentations
<b>12:00 - 01:30</b>	<b>Lunch</b>
01:30 - 03:30	Participant Presentations
<b>03:30 - 03:45</b>	<b>Break</b>
03:45 - 05:00	Communication with the oral surgeon

### Day 2, Sat Feb 14    **Treatment Goals and Precision in Orthognathic Surgery**

08:30 - 10:30	Treatment Goals
<b>10:30 - 10:45</b>	<b>Break</b>
10:45 - 12:00	Treatment Goals
<b>12:00 - 01:30</b>	<b>Lunch</b>
01:30 - 02:30	Surgical Prediction Tracings
<b>02:30 - 02:50</b>	<b>Break</b>
02:50 - 05:00	<i>The Four Faces of Orthognathic Surgery</i>
<b>05:30</b>	<b>Guided tour at the Styrian Armory House and reception at the City Hall of Graz</b>

### Day 3, Sun Feb 15    **Six Element Rules for Treatment**

09:00-12:00	Six Element Rules for Treatment
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## ***Treatment Goals and Precision in Orthognathic Surgery***

### **COURSE ABSTRACT:**

The course is designed for the oral/maxillofacial surgeon and orthodontist. Treatment planning based on goals defined by *The Six Elements of Orofacial Harmony™*, a philosophy developed by Dr. Lawrence F. Andrews, will be presented. The *Six Elements* are six characteristics involving the teeth, jaws and the tissue they support that are essential for maximizing oral and facial harmony. They are universal, meaning they work equally well for more than ninety percent of the patient population, regardless of race, age or gender. They provide defensible treatment goals for both orthodontic as well as surgical orthodontic treatment of patients.

A didactic presentation will be given of *The Four Faces of Orthognathic Surgery®*, a comprehensive method for orthognathic surgery developed by Dr. Tim Tremont that involves both pre-surgical planning and surgical verification of the planned treatment goals.

The *Four Faces* consists of three preoperative planning stages --- clinical evaluation (Clinical Face), cephalometric prediction tracing (Cephalometric Face), and model surgery (Articulator Face) --- and the fourth stage of actual patient surgery (Surgical Face). The clarity and accuracy of the method enables an oral/maxillofacial surgeon to precisely achieve the desired changes that were planned by the orthodontist and surgeon prior to surgery. Simply put, the preferred outcome of an orthognathic surgical procedure is for the presurgical prediction tracing to superimpose precisely on the post surgical cephalograph. Dependability and time efficiency keynote the process.

The TOG™ (Tridimensional Orthognathic Gauge), a new intraoperative measuring device which can target and verify the planned position of the teeth and jaws in all three dimensions, will be presented.

The course attendee will learn how to set surgical goals and what is required of the orthodontist and surgeon to reach these goals.