**International Course**

**SURGERY FIRST APPROACH IN ORTHOGNATHIC SURGERY:**

**DIAGNOSIS AND PLANNING**, **ORTHODONTICS AND** **SURGERY**

**FIRST ANNOUNCEMENT**

**Chairman of the course:**

**Prof. Sandro Pelo**

**Full-Professor in Maxillo-Facial Surgery**

**Catholic University of the Sacred Heart – Rome, Italy**

**Chief of Maxillo-Facial Surgery Unit**

**Foundation IRCSS Policlinico “A . Gemelli” – Rome, Italy**

**Rome, May and June 2020**



**Introduction**

The course is designed for maxillo-facial or plastic surgeons and orthodontists interested in gaining or refining their skills in diagnosis and treatment of patients affected by dentoskeletal malformation with the surgery first approach.

**Registration and fees**

The total fee for the course: 2500 €

Early bid ( until 28/02/2020) : 2000 €

The amount can be paid as follows:

* 1500 € at registration ( 1000 € for early bid )
* 1000 € 1 month before the course

The course is currently under accreditation for CME

**Information and pre-registration**

Conference Service

gsg.training1@gmail.com

**visit website:** http://www.surgeryfirst.it/

**FACULTY**

S. Pelo

F. De Nuccio

G. Fiorillo

C. Grippaudo

C. Azzuni

A. Moro

G. Saponaro

**PRELIMINARY PROGRAM**

**PART I**

**May 2020**

**Thursday May 7th - 9am-1pm**

Introduction: course objectives

Patients assessment:

Selection of the orthognathic patient

Diagnostic Definition

Psychological assessment of the patient

TMJ Assessment

X-Ray examination

Dental Casts creation

Photographic examination

Clinical Examination

Esthetic examination

**Thursday May 7th - 2.30pm – 5 pm**

2D Cephalometry – Soft tissue cephalometry

Treatment Simulation (Prediction Tracings)

**Friday May 8th - 9am – 1 pm**

Cephalometry and Prediction Tracing- practical exercises

**Friday May 8th - 2.30pm – 5 pm**

Surgical treatment modalities

Orthodontist/Surgeon joint considerations

Traditional approach/Surgery First Approach

**Saturday May 9th - Morning**

Cephalometry and VTO simulation - practical exercises

**PART II**

**June 2020**

**Thursday June 4th - 9am-1pm**

Intraoral Scanner and virtual model surgery

Surgical set-up and simulation

Final set-up and simulation

**Thurdsay June 4th - 2.30pm – 5 pm**

Post-surgical occlusion simulation - practical exercises

**Friday June 5th - 9am – 1 pm**

3D planning

Creation of the virtual patient

Virtual Osteotomies simulation

3D assessment and correction of the upper jaw

3D assessment and correction of the lower jaw

Dental Collision Detection

Airways control

Occlusal splint manifacturing

**Friday June 5th - 2.30 pm – 5 pm**

Conventional Orthodontic approach

Orthodontic approach in Surgery First

- Use of elastics

- Biteblocks

- Bone Anchors

* Straight wire technique
* Segmentated Techinque
* Occlusal Details

Functional aesthetic approach to surgery first with invisalign technique

Internal Fixations

**Saturday June 6th - Morning**

Clinical Cases Discussion