

# **International Master Course in Periodontal/Peri-Implant Plastic Surgery and Regenerative Procedures.**

**Prof. F. Cairo**

**Florence, Italy**

Official language: english

Cost: 4.500,00 euros

Day 1th

- Introduction: Periodontal Plastic Surgery in a historical perspective
- Soft tissue anatomy and teeth and implant
- Surgical aspects for flap design and incisions
- Surgical modalities to eliminate flap tension
- Flap stability: types of sutures
- Healing model of the wound in periodontal plastic surgery
- Aesthetic criteria in Periodontal Plastic Surgery
- Periodontal biotype and influence in the decision making process
- Osseous resective surgery to improve aesthetics/gummy smile correction
- Increase of keratinized tissue: indications and techniques
- Free gingival graft
- Etiology of gingival recessions
- Diagnosis and classification of recessions
- Prognostic factors in root coverage
- Factors for the selection of the surgical procedure
- Clinical and aesthetic success in Periodontal Plastic Surgery
- Microsurgical approach in Periodontal Plastic Surgery

Surgical Exercises day 1: the apically repositioned flap and the free gingival graft

Day 2th

Surgical technique for single recession:

- The coronally advanced flap
- The coronally advanced flap and connective tissue graft
- Two step procedure: free gingival graft and subsequent coronally advanced flap
- The double papilla and coronally advanced flap plus connective tissue graft
- Harvesting procedures at palatal site
- Envelope flap and connective tissue graft
- Coronally advanced flap and enamel matrix derivative
- Complications and post surgical protocols

- Root/enamel abrasions and root coverage procedures

Surgical Exercises day 2: the coronally advanced flap; the coronally advanced flap and connective tissue graft; the coronally advanced flap and collagen matrix; the lateral positioned flap.

Day 3th-

- Lateral positioned flap
- Lateral positioned flap and connective tissue graft
- Coronally advanced flap and collagen matrix
- The treatment of multiple recessions
- Multiple coronally advanced flap with vertical releasing incisions
- Multiple envelope coronally advanced flap
- Multiple envelope coronally advanced flap plus connective tissue graft
- Multiple envelope coronally advanced plus collagen matrix
- Tunnel technique

Surgical Exercises day 3: the lateral positioned flap; Multiple envelope coronally advanced flap; Multiple envelope coronally advanced flap plus connective tissue graft; Multiple envelope coronally advanced plus collagen matrix

Day 4th:

- Clinical and RX diagnosis of infrabony defects
- Prognosis of intrabony defects
- Biological principles of periodontal regeneration (Guided Tissue Regeneration)
- Flap design in periodontal regeneration
- Techniques for papilla preservation: Takei technique, modified technique, simplified technique
- Defect debridement and root planing technique
- Biomaterials for periodontal regeneration
- GTR with membranes
- Regeneration with enamel matrix derivatives
- GTR with membrane and biomaterials
- Sutures techniques of the interdental papilla/flap
- Decision making in clinical practice
- Evaluation of the clinical outcomes

Surgical exercises: modified papillary preservation flap with resorbable membrane and biomaterials; simplified papillary preservation with resorbable membrane and biomaterials

Day 5th:

Alveolar modification after tooth extraction

The ridge preservation procedure

The healed ridge and the treatment options

Dental implants application in the aesthetic area: surgical aspects of implant positioning

Hard tissue augmentation

The Guided Bone Regeneration (GBR): step by step procedure

Membranes and biomaterials for GBR

Post extractive implants

Soft tissue augmentation techniques at anterior and posterior implant sites

The apically positioned flap

The connective tissue graft

The free gingival graft

The roll flap techniques

The use of collagen matrix

Coronally advanced Palatal flap

Decision model in the soft tissue augmentation

Inter-implant papilla

Prosthetic phases of the implant application in the aesthetic area

Final aesthetic outcomes

Surgical exercises: ridge preservation; Guided bone regeneration; soft tissue augmentation at implants