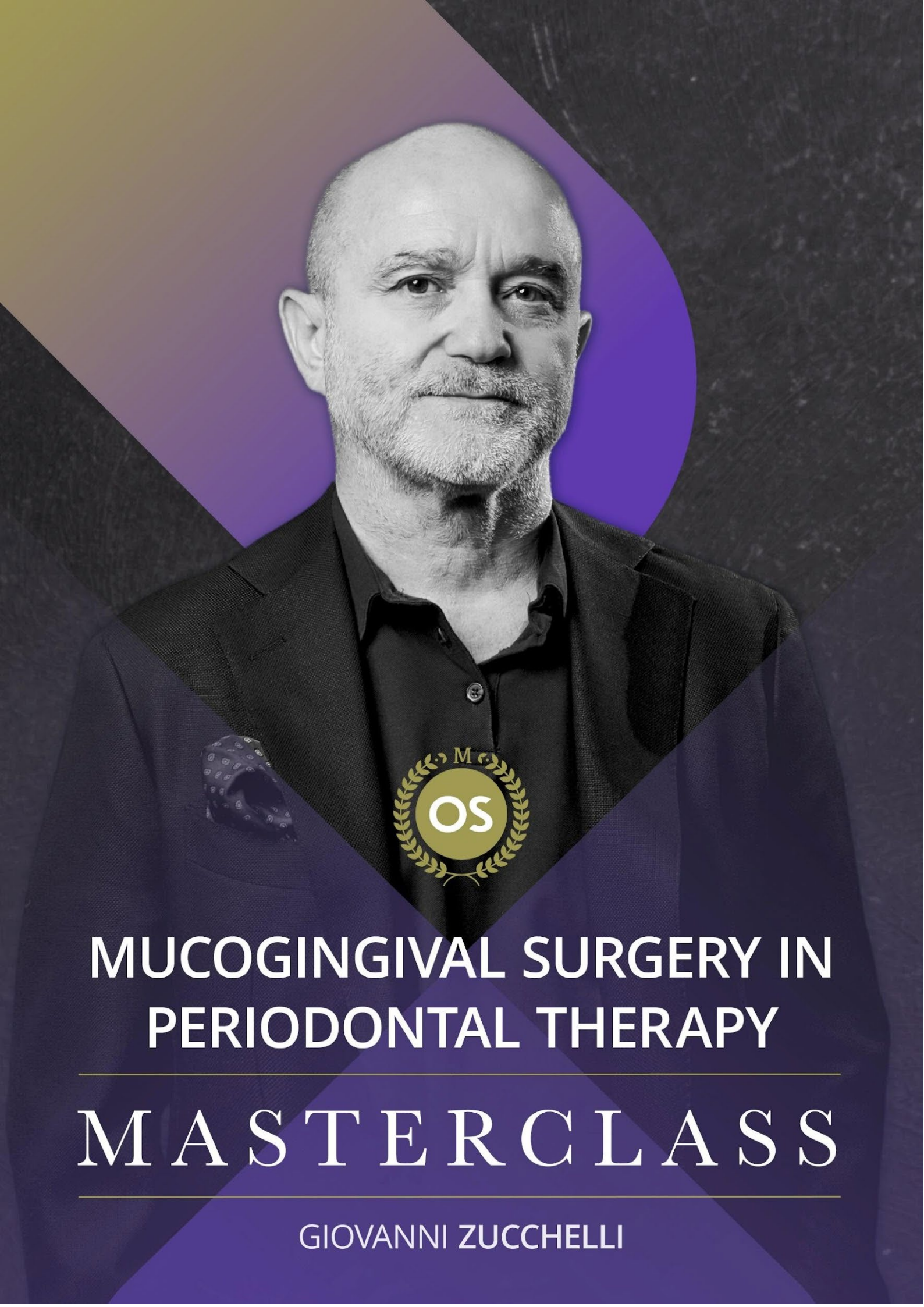




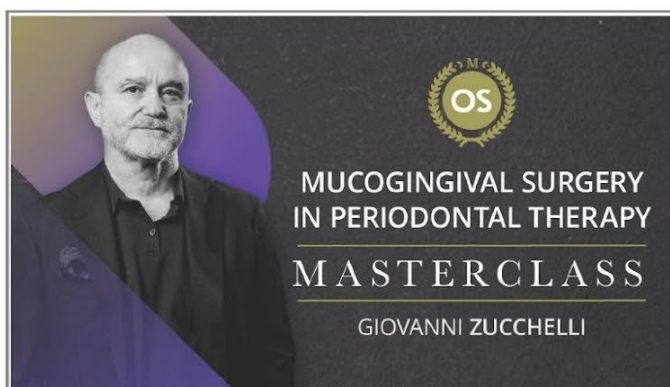
MUCOGINGIVAL SURGERY IN
PERIODONTAL THERAPY

MASTERCLASS

GIOVANNI ZUCHELLI

Mucogingival surgery in periodontal therapy

Giovanni Zucchelli DDS, PhD



SUMMARY



Topic:

An in-depth look at the latest techniques in surgical treatment for periodontal defects.



Objectives:

Differential goals of mucogingival surgery
Etiology and indications for the treatment of gingival recessions
Combined restorative-periodontal treatment for aesthetic outcome
Surgical treatment of a single recession
Techniques for harvesting connective tissue grafts
Coronally advanced flap with connective tissue graft (CAF + CTG)
Treatment of lower incisor recessions with V-CAF and Tunnel Technique
Treatment of isolated recessions in the lower arch
Coronally advanced flap for the treatment of multiple gingival recessions in the upper and lower arch



About the author:

Giovanni Zucchelli is a Professor of Periodontology and Implantology at the school of dentistry at the University of Bologna. Dr. Zucchelli is also the Director and Head of the department of Periodontology and Implantology. He is one of the globally most renowned expert in the field of Periodontology.

LEVELS

Difficulty Advanced

Theory ●●●●

Practice ●●●●●

KEY INFO



English



On Demand



Periodontology



> 15h



15 Theory + 1 Re-LIVE Surgery

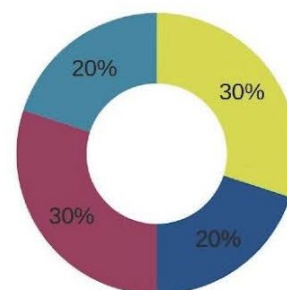


Clinical Yes



NO

SKILLS YOU WILL LEARN



■ Treatment Planning and Diagnosis

■ Surgical Protocols

■ Periodontal Defects

■ New Techniques and Materials



Course Description:

Giovanni Zucchelli welcomes you to a new **osteocom Masterclass** focused on **Mucogingival Surgery in Periodontal Therapy**.

This course provides an in-depth look at the **latest techniques** in surgical treatment for **periodontal defects**. It focuses on understanding **periodontal anatomy** and **diagnosing** periodontal disease.

Participants will learn about established techniques for **root coverage**, such as the **coronally advanced flap** supported by either an autologous **soft tissue graft** or a heterologous matrix. These techniques are continuously evolving with the introduction of **new materials** and treatment strategies.

Prof Giovanni Zucchelli, a **world known expert**, will lead you through **15 videos** covering theoretical and practical aspects. Participants will gain the necessary knowledge and skills to confidently perform various types of **periodontal surgeries for simple and moderately difficult** cases, with the aim to give participants the latest insights into periodontology.

Join Giovanni Zucchelli and **enhance your surgical procedures** for periodontal defects experience.

The course includes:

- 15 video lectures with clinical cases
- 1 ReLIVE Surgeries with step-by-step commentary

Topics covered in the course:

- Principles of periodontal **diagnosis** - probing and assessment of clinical and prognostic parameters of periodontal disease, radiographic examination, and pathogenesis of bone defects
- **Classification** of periodontal disease
- Subgingival **instrumentation** in surgical therapy (manual and ultrasonic) and non-surgical therapy
- **Scaling** and **root planing** procedures
- The role of the **dental hygienist** in the dental practice
- Differential goals of **non-surgical etiological therapy** depending on the treatment plan
- Differential goals of **mucogingival surgery**
- Etiology and indications for the treatment of **gingival recessions**
- Predetermination of **root coverage** and prognosis
- Combined **restorative-periodontal treatment** for aesthetic outcome

- Surgical treatment of a **single recession**
- **Split thickness** surgical papilla
- Treatment of **exposed root** surface
- Techniques for **harvesting** connective tissue **grafts**
- Coronally advanced flap with connective tissue graft (**CAF + CTG**)
- Treatment of lower incisor recessions with **V-CAF** and **Tunnel Technique**
- Treatment of **isolated recessions** in the lower arch
- Surgical treatment of **multiple gingival recessions**: treatment plan in mucogingival surgery
- **Coronally advanced flap** for the treatment of **multiple gingival recessions** in the upper and lower arch



Video Lectures:

Video Lecture 1 – Clinical diagnosis in Periodontics

- Concepts of periodontal disease aetiopathogenesis
- Biological and behavioral risk factors
- Periodontal diseases and pathological conditions classification
- An overview of periodontal disease clinical indicators
- Periodontal probing
- The role of the hygienist and the full mouth plaque score

Video Lecture 2 – Periodontal examination

- The completion of the periodontal chart
- Relevant definitions: BOP, CAL, CAL gain and BL gain
- The site specific approach to the periodontal probing
- Root canal and furcations analysis

Video Lecture 3 – Aetiological therapy

- Causal therapy times, modalities and instruments
- Periodontal probing: additional insights
- The synergy between non-surgical therapy and treatment strategies
- The assessment of the attachment level

Video Lecture 4 – The radiographic examination

- The value of the collected data via intraoral x-ray
- Practical tips on performing and optimizing the collected data
- The use of centring devices and bite-wings
- Defect analysis and defect components
- CAL gain VS Bone Level gain

Video Lecture 5 – Gingival recession treatment diagnosis and prognosis (Pt.1)

- Considerations about a new possible definition of gingival recession
- Abnormalities and abrasions at the enamel level
- Occlusal traumas and parafunctional activities
- The evaluation of the presence of step at the enamel-cement junction

Video Lecture 6 – Gingival recession treatment diagnosis and prognosis (Pt.2)

- Profile morphology and treatment decision making
- The matching between the profile and the technique of choice
- Esthetically driven approach to root coverage and clot stabilization
- The role of the keratinized tissue and indications on the use of heterologous matrices and autologous grafts
- The synergy between mucogingival and conservative surgery

Video Lecture 7 – Coronally displaced flap for single recession (Pt.1)

- Flap design techniques
- The management of partial thickness surgical papillae
- The management of anatomical papillae
- Advantages of the trapezoidal papilla design
- Detailed flap thickness breakdown in the various stages of application of the technique
- Indications on instrumentation and its use
- Information on needles and sutures and their use
- Suture techniques

Video Lecture 8 – Coronally displaced flap for single recession (Pt.2)

- Indications for pharmacological management of the periodontal surgical patient
- Indications for the use of heterologous matrixes
- Surgical technique with heterologous matrixes
- Epithelial-connective graft harvesting technique from the palate
- Surgical wound management of the harvest area
- Step-by-step review of CAF+CTG technique application

Video Lecture 9 – Gingival recessions of the lower incisors (Pt.1)

- Single recession on lower incisors: the value of the multidisciplinary approach
- Outlines of the orthodontic treatments
- The Fadda-Zucchelli technique: a comprehensive overview
- The management of RVD (residual vestibular depth)
- V-CAF technique: Vertically-Coronally Advanced Flap

Video Lecture 10 – Gingival recessions of the lower incisors (Pt.2)

- The key role of the keratinized tissue
- V-CAF surgical technique
- The use of the connective graft in the V-CAF technique

Video Lecture 11 – Alternative technique for narrow single recessions on lower incisors: tunnel with lateral slip

- Tunnel technique with lateral slip
- Lateral tunnel opening and debonding
- The synergy between tunnel technique and deepithelialized palatal graft
- The use of surgical cyanoacrylate in stabilizing the surgical wound in the palatal harvest area

Video Lecture 12 – Surgical treatment of multiple recessions in the maxilla (Pt.1)

- A multidisciplinary conservative and surgical approach
- Esthetically-guided reconstruction of the cement-enamel junctions
- Step-by-step design of the multiple coronal flap
- The management of the surgical papillae of the multiple coronal flap
- Split VS full incision thickness

Video Lecture 13 – Surgical treatment of multiple recessions in the maxilla (Pt.2)

- The evolution of surgical technique and the actual state of the art
- A detailed breakdown of the incision technique
- Site-specific placement of the connective graft
- Use of matrices as a functionality of connective graft

Video Lecture 14 – Surgical treatment of multiple recessions in the mandible

- How to respect the inferior alveolar nerve in mucogingival surgery
- Causes and management of a flap perforation
- Principles of site-specific anesthesia
- The application of the multiple coronal flap in the mandible
- Root scaling and attachment gain

Video Lecture 15 – Surgical treatment of lower incisors gingival recessions

- Flap design and detachment
- The proper management of muscular insertions and vascular bed to ensure verticality of the vestibule

Video Lecture 16 – Final Re-LIVE Surgery

In this final Re-LIVE Surgery, Prof. Zucchelli will show participants the practical application of the previously commented surgical protocols.

The aim of this Re-LIVE is to highlight the movement of the various team members during the surgery.



Scan the code
and enter the
course



Author's Bio:

Prof. Zucchelli is one of the most globally renowned experts in the field of Periodontics.