



Prof. Giovanni Zucchelli

SOFT TISSUE SURGERY AROUND TEETH AND IMPLANTS

+

HANDS-ON
VIRTUAL TRAINING

Soft tissue surgery around teeth and implants

By Prof. Giovanni Zucchelli



SUMMARY



Topic:

Learn theoretical and practical skills that will allow you to cover roots and to increase soft and keratinised tissue around teeth and implants.



Objectives:

At the end of this course you'll be able to:

- Properly manage the soft tissue graft
- Treat lower incisors recessions
- Treat multiple recessions in the upper jaw
- Diagnose mucogingival defects
- Detect soft tissue dehiscences causative factors
- Manage CTG thickness positioning
- Treat single type recession defect
- Handle the Coronally Advanced Flap technique
- Diagnose root coverage



About the author:

Prof. Giovanni Zucchelli, DDS, PHD is an innovator of several soft tissue plastic surgical techniques and is also author of more than 100 publications in Pubmed. He's globally recognised like one of the most important implantologist and periodontist in the world.

LEVELS

Difficulty ●●●●

Theory ●●●

Practice ●●●●

KEY INFO



English



On Demand



Implantology - Periodontology



15h



13 Theoretical and Practical lessons

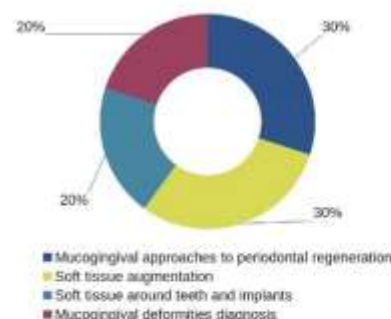


Clinical Yes



NO

SKILLS YOU WILL LEARN





Why to enroll?

- Prof. Zucchelli will give you the necessary information to increase keratinized gingiva and soft tissue around teeth and implants.
- At the end of this course, you'll be able to correctly diagnose mucogingival defects and you'll be able to treat them.
- You will deepen your knowledge about the differences in the management of immediate and delayed implant placement.

In particular, the course will cover these items:

- Diagnosis and prognosis of root coverage
- Combined restorative and periodontal treatment for aesthetic goals
- The Coronally Advanced Flap technique
- Single type recession defect surgical treatment
- Gingival recession treatment options
- Enamel restoration: how to deal with this issue?
- Differences between dental and implant soft tissue management
- Soft tissue dehiscence
- Latest technical innovation
- Soft tissue dehiscence causative factors

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Who the course is addressed to:

This video course is particularly recommended for periodontology and implantology experts that want to deepen their knowledge about the latest techniques and approaches promoted by Prof. Giovanni Zucchelli in periodontal and peri-implant surgery.

OK, but how does it work?

This learning journey video course is composed of:

- 13 theoretical lectures with several surgical videos
- 2 high quality ReLIVE Surgeries with Prof. Zucchelli's commentary

- 4 very focused Hands-On practical videos on a pig jaw

Furthermore, osteocom and Prof. Zucchelli will also give you the chance to enjoy a great EXTRA; a 2 hour INNOVATION TALK ReLIVE SESSION, directly from Zucchelli Masterclass 4th edition, will be made available to all subscribers.



Video Lectures:

Video Lecture 1 - Soft tissue management around teeth and implants in aesthetic area

In this first video lecture Prof. Zucchelli will discuss about the similarities between the management of soft tissue around teeth and implants with a specific focus on the aesthetic area. A particular attention will be paid on how to interproximally and buccally manage tissues considering the anatomic differences between teeth and implants.

In particular, in this lecture Prof. Zucchelli will speak about:

- Factors that determine soft tissue margins position
- Unsightly outcome critical factors
- The most important differences between soft tissues around teeth and implants
- The necessary connective tissue thickness around teeth and implants
- What is the correct emergence profile both around teeth and implants
- How to manage gummy smile
- A focus on technical terminology

Video Lecture 2 - Gingival recession around teeth

During this video lecture Prof. Zucchelli will give various advices in order to correctly treat gingival recessions around teeth. Participants will discover that before approaching gingival recessions they have to deeply analyse the structure of the enamel because frequently what seems to be a gingival recession is a simple disconformity in the convexity of the enamel that has to be restored.

In particular, in this lecture Prof. Zucchelli will speak about:

- What is a gingival recession
- How to measure a gingival recession
- The morphology of the enamel and the cementum enamel junction
- How to restore a non-conforming enamel in a very controlled environment
- Enamel loss causative factors: abrasion, patient's toothbrush, upfraction or erosion
- The relationship between occlusion and loss of the enamel
- How to recreate a good aesthetic outcome and a positive emergence profile of the enamel
- Esthetically guided level of root coverage according to biological parameters

Video Lecture 3 - The biological background behind Coronally Advanced Flap

The advantage of the Coronally Advanced Flap technique is that independently on how deep is the recession, finally the flap will be in a position with an enormous amount of blood exchanges between the inner aspect of the surgical with the outer aspect of the anatomic papilla.

In particular, in this lecture Prof. Zucchelli will speak about:

- Key factors in Coronally Advanced Flap technique
- How to prepare the surgical papilla?
- How to disepithelize the anatomic papilla?
- Step-by-step papilla elevation with several surgical videos
- How to identify the area that has to be disepithelized
- Spit-thickness papilla elevation full thickness

Video Lecture 4 - Entire surgical procedure: Coronally Advanced Flap and connective tissue graft

In this video lecture, Prof. Zucchelli will focus on how to keep the Coronally Advanced Flap technique minimally invasive by showing the rationale behind connective tissue graft harvesting, disepithelisation and finishing while the latter part of the lecture will be focused on suture techniques in order to stabilise the CTG to the root. During the lecture each step will be supported by surgical videos.

In particular, in this lecture Prof. Zucchelli will speak about:

- Incision protocol in order to design the flap

- Treatment of the root surface
- Root planing: the reason why, correct instruments and indications
- The use of EDTA gel to facilitate the mechanical preparation of the root surface
- Disepithelisation of papilla tip with microsurgical scissors
- How to elevate connective tissue graft
- How to apply the graft on the root
- Suture protocol in order to leave any space between the graft and the root

Video Lecture 5 - Lower incisor's gingival recession treatment

Prof. Zucchelli will discuss about how to achieve root coverage in a lower incisor affected by a single type gingival recession. He will show participants the evidence that the cause of this phenomenon has to be found in a previous poorly performed orthodontic treatment. Prof. Zucchelli will explain how to transform a Miller's third class recession into a first class one with a good keratinized tissue by doing an orthodontic and a contention treatment.

In particular, in this lecture Prof. Zucchelli will speak about:

- Diagnosis of this site-specific recession
- How a wrong orthodontic treatment can cause a lower incisor's gingival recession
- The risks of endodontic complications of this type of recession surgical treatment
- Treatment first step: an orthodontic solution, i.e. site-specific spring
- Treatment second step: the contention phase
- The importance of checking plaque accumulation on root's surface before starting the orthodontic treatment
- How to manage Residual Vestibulum Depth

Video Lecture 6 - Treatment of soft tissue dehiscence around implants

The great majority of dentists when there is a soft tissue dehiscence prefer to remove the implant and restart the treatment from the beginning but according to Prof. Zucchelli is way better to save the implant by covering the dehiscence increasing and repositioning the soft tissue margin of the implant supported crown.

In particular, in this lecture Prof. Zucchelli will speak about:

- Causative factors of soft tissue dehiscence
- Which is the goal of soft tissue dehiscence therapy?
- The ideal position of soft tissue margin

- How to prevent recession and how to mask transparency
- The etiological factors associated with soft tissue dehiscence
- Connective tissue graft positioning and thickness
- The risks of removing implants

Video Lecture 7 - Treatment of multiple gingival recessions in the upper jaw

During this video lecture Prof. Zucchelli will focus on the treatment of gingival recession around teeth in the maxilla, paying a specific attention to flap design, CTG management, preparation of the root and incision and suture protocols.

In particular, in this lecture Prof. Zucchelli will speak about:

- How to plan and design an incision line in order to elevate papilla full thickness
- Step-by-step procedure to make the flap advance in coronal direction
- How to correctly prepare the root: root planing and use of EDTA
- Papilla disepithelisation with microsurgical scissors
- When is recommended to applicate CTG on the root in the upper jaw?
- The risk of damaging some termination of the mental nerve

Video Lecture 8 - Mucogingival approach to immediate implant placement–Part1

Most people consider immediate implant placement a flapless procedure but Prof. Zucchelli will show that adopting this approach you will obtain an insufficient amount of soft tissue thickness around the implant supported crown. In order to increase soft tissue thickness the solution is to place CTG and the only way to place it in a correct position is to elevate the flap.

In particular, in this lecture Prof. Zucchelli will speak about:

- The correct amount of soft tissue thickness around natural tooth and implant
- How to increase soft tissue thickness around implant supported crown
- Where should we place connective tissue graft?
- Flap elevation in coronal direction
- How to improve papilla height during immediate implant placement

Video Lecture 9 - Mucogingival approach to immediate implant placement-Part2

The mucogingival approach to immediate implant placement is recommended when the situation at the moment of the tooth extraction is not ideal at the level of buccal aspect and papilla. Prof. Zucchelli will explain in detail this surgical technique showing also its advantages and the differences between delayed and immediate implant placement.

In particular, in this lecture Prof. Zucchelli will speak about:

- Factors that indicate the need of a mucogingival approach
- Correct connective tissue graft positioning
- CTG harvesting, preparation and suturation protocol
- How to increase papilla height and thickness
- The ideal implant position, inclination and stability
- Advantages of a mucogingival approach in comparison to a flapless one
- The use of sling suture

Video Lecture 10 - The concept behind the delayed implant placement

This lecture focuses on delayed guided simple implant installation with contextual soft tissue augmentation. Prof. Zucchelli will show a demonstrative step-by-step surgical video.

In particular, in this lecture Prof. Zucchelli will speak about:

- How to establish the ideal position of the soft tissue margin of the implant supported crown
- How to reduce or minimize bone resorption by increasing the thickness of STG
- Decide which type of graft use and where to place it
- How to adapt the surgical papilla to the anatomic disepithelised papilla
- Final restoration clinical phase

Video Lecture 11 - Mucogingival approach to immediate implant placement in problematic clinical cases

An advantage of the mucogingival approach to immediate implant placement is that we can solve in one single surgical step problems like chronic fistula, lack of buccal bone and root resorption.

In particular, in this lecture Prof. Zucchelli will speak about:

- How to prevent the collapse of the tissue
- What is a chronic fistula and how to manage this situation
- How to manage severe bone defect

Video Lecture 12 - Tooth extraction for periodontal reasons

At the moment of tooth extraction for periodontal reason you have a bone loss that doesn't allow to perform an immediate implant placement. Prof. Zucchelli will explain an innovative technique called "Connective Tissue Platform" that will enable you to augment in one surgical time both the apical coronal and the buccal lingual height in a very predictable way.

In particular, in this lecture Prof. Zucchelli will speak about:

- Periodontal surgery to get rid of bony defects
- When to extract and when not to extract a tooth
- When it's recommended to choose a Maryland solution?
- Increase procedure of papilla height
- The rationale behind connective tissue platform technique
- Step-by-step CTP technique

Video Lecture 13 - How to increase the supra-periosteal keratinized tissue

In this video lecture Prof. Zucchelli will explain how to improve the patient oral hygiene by providing him a band of keratinized tissue attached to the periosteum instead of alveolar mucosa.

Participants will discover that the gold standard of this procedure is the free gingival graft applied on the periosteal bed.

In particular, in this lecture Prof. Zucchelli will speak about:

- Free gingival graft positioning, dimension and thickness
- Suture of the free gingival graft to the periosteal bed
- How to clean properly the periosteal bed
- How to prepare the periosteal bed with a flap
- How to improve patients' oral hygiene

4K Hands-On Video Part 1 – Full thickness elevation for a delayed implant placement

In this video training Prof. Zucchelli will speak about:

- Split thickness papilla's elevation
- Buccal incision in order to keep the minimum amount of keratinised tissue in the buccal aspect
- Split thickness elevation at the level of the second papilla
- Full thickness elevation of the flap at the level of the probing depth area of the adjacent tooth
- Separation of the alveolar mucosa from the periosteal bed
- All muscles removal from the inner aspect of the alveolar mucosa
- Checking if there is enough advancement of the flap in order to allow sufficient adaptation

4K Hands-On Video Part 2 – Site-specific preparation for a guided implant placement

In this video training Prof. Zucchelli will speak about:

- Site-specific removal of soft tissue covering the bone in the area in which we will place the implant
- Site-specific exposure of the bone in the area in which we will place the implant
- Guided implant placement
- Healing screw and closing cup placement
- Proper calculation of the needed amount of connective tissue graft

4K Hands-On Video Part 3 – Connective tissue graft harvesting and disepithelisation

In this video training Prof. Zucchelli will speak about:

- Connective tissue harvesting
- Disepithelisation of the graft
- Disepithelisation of the anatomic papilla mesially and distally to the implant site with blades and micro-surgical scissors

- Application of the connective tissue graft in the trans-mucosal area and in the bone dehiscence area

4K Hands-On Video Part 4 – Suture protocol

In this video training Prof. Zucchelli will speak about:

- What to do in order to give stability to the flap
- Checking if there is a good advancement of the flap around the implant site
- What to do in order to achieve the best adaptation of the surgical papilla
- What to do in order to achieve the best adaptation of the keratinised tissue of the flap to the convexity of the healing cup

1st ReLIVE Surgery - How to manage a gingival recession in the palatal root

In this first Re-Live Surgery, Prof. Zucchelli will show how to manage a 4mm gingival recession in the palatal aspect at the level of the root of the first molar.

In particular, in this lecture Prof. Zucchelli will speak about:

- Split thickness elevation in order to create the space in which place the graft
- Root planning
- DTA application
- Harvesting CTG procedure
- Disepithelisation of the graft
- How to block the graft as much apically as possible
- How to suture the flap with a Six-Zero
- How to improve the compression at the level of the portion of the graft that's left uncovered by making an horizontal suture
- How to achieve a better control of the bleeding in the palatal area of the CTG harvesting

2nd ReLIVE Surgery - Soft tissue augmentation for a guided implant placement at the level of lateral incisor

In this second Re-Live Surgery, Prof. Zucchelli will restore the lateral incisor by increasing the papilla's height. The elevation of the flap will be very difficult because the

patient has previously undergone many unsuccessful surgeries and for this reason there are lots of scars in the tissue around the edentulous site.

In particular, in this lecture Prof. Zucchelli will speak about:

- Step-by-step protocol for a proper anaesthesia
- The horizontal incision in order to have a good access to the palatal bone in the edentulous area
- Split thickness flap elevation at the level of the occlusal platform
- Papilla incision protocol
- How to obtain a useful papilla rotation
- Guided implant placement
- Harvesting CTG procedure
- Disepithelisation of the graft
- Suture protocol



Scan the code and
enter the course



Author's Bio:

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