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PERIO IMPLANT CHANNEL

the italian dental school

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Michele Jacotti Claudio Mazzotti **Alessio Franchina**
Tomaso Vercellotti **Luca De Stavola** Alberto Pispero
Tiziano Testori Carlo Ghezzi **Roberto Pistilli** Giacomo Santoro
Eriberto Bressan Carlo Monaco **Giovanni Zucchelli** Enrico Agliardi
Paolo Casentini **Fabio Mazzocco** Filippo Fontana **Massimo Simion**
Giampiero Ciabattoni **Matteo Chiapasco** Leonardo Trombelli

Perio Implant Channel ENG

The Italian Dental School



LEVELS

Difficulty Advanced

Theory ●●●●

Practice ●●●●●

KEY INFO

English

On Demand

Periodontics - Implantology

19h

18 videos

Clinical No

NO

SUMMARY

Topic:

Explore our video library today and join the Italian dental experts in their hunt for excellence.

Objectives:

- The aesthetic treatment of teeth and implants
- The management of post-extractive implants
- The Coronal Advancement of a Tunnel Flap (T-CAF)
- Entire Papilla Preservation Technique (E.P.P.)
- Tunnel Technique
- B.A.R.I. Technique
- Immediate Load Management
- Prosthetics and aesthetic problem
- Sinus Lift: infections and other risks
- Treatment of peri-implant aesthetic defects

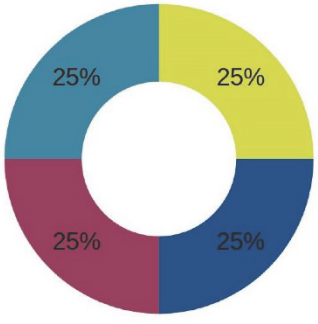
WHY TO ENROL:

1. By attending this course you will stay up-to-date on the latest techniques and you will appreciate different working philosophies.

2. You will meet a selection of Italy's top pioneering innovators who have revolutionized the Perio Implant clinical field.

3. This is a specially crafted learning experience: we have selected for you some of the best videos available on the osteocom platform.

SKILLS YOU WILL LEARN



Channel Description:
Are you an **expert** in the **peri-implant field** and **crave the latest news**, but find your duties taking up too much of your time to **stay informed?**

If so, look no further!
Perio Implant Channel is the **perfect content for you!** Take advantage of our **specially crafted program** to stay up to date quickly and easily on the information that **matters most**.

This **Continuing Education** format offers you access to a selection of **Italy's top experts**: **pioneering innovators** who have successfully **revolutionized the periodontal and implant clinical fields**.
Italy boasts a **long tradition of dental excellence** from aesthetics to surgical specializations and thanks to these videos you will be able to **open a door on this world**.

At osteocom, we believe that **Continuing Education is key**.
This will allow you to **take your time** to consume the content at **your own convenience**.

Perio Implant Channel was designed keeping the scientific journals in mind, and the added bonus of using video on-demand technology. Viewing through all the contents, you'll be able to explore different **clinical approaches**, and when you find one that sparks your curiosity, you can delve into more detail with a **discounted 10% off on the author's video subscription**.

Keeping up with the **fast-paced dental world** has never been so easy. With Perio Implant Channel, not only will you **stay current,** but you'll gain knowledge from **only the highest quality sources**.

Open the door to the **latest** and **greatest trends** in dentistry!

Why to enrol?
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- This is a **specially crafted learning experience**: we have selected for you some of the best videos available on the osteocom platform

In particular, you will explore:

- The **aesthetic** treatment of **teeth** and **implants**
- The management of **post-extractive implants**
- The Coronal Advancement of a Tunnel Flap **(T-CAF)**
- Entire Papilla Preservation Technique **(E.P.P.)**
- **Tunnel** Technique
- **B.A.R.I.** Technique
- **Immediate Load** management
- The **greatest innovations** performed by **Prof. Zucchelli's Team** in the mucogingival field
- **Prosthetics** and esthetic problem
- **Sinus Lift**: infections and other risks
- Treatment of peri-implant **aesthetic defects**
- **Khoury's Technique** protocol
- **Simplified Antrostomy Design** (S.A.D.) Technique
- **Fixed conometric prosthetics**
- **Advanced GBR**

Which are the benefits for subscribers?
By subscribing to the Perio Implant Channel you will get access to **18 video lectures** extracted from some of the **best video courses on the osteocom platform**. If you then decide to subscribe to one of these courses, you will be entitled to an **exclusive 10% discount**.

For example, if the lecture "Esthetics on natural teeth and implants: thickness VS connective attachment' appeals to you, **you can subscribe to the video course from which was extracted** ("Zucchelli Channel") by paying **789 instead of 989** euros.

In addition, all participants will receive a **certificate of attendance** as proof of their commitment to staying up to date on the latest trends in the Perio Implant sector.

Who the course is for?
By offering an **ongoing updating track tailored** to meet the requirements of experienced professionals in the field or those just beginning their journey, we provide a c**omprehensive overview** of cutting-edge academic excellence. This project enables individuals to stay up to date with contemporary ideas and learn from the success stories of the leading figures in this domain.

Video Lecture 1 - Esthetics on natural teeth and implants: thickness VS attachment (40min) by Prof. Giovanni Zucchelli.

Description:
Prof. Giovanni Zucchelli's focus in this first video lecture will be to **analyse** what **really matters to the patient** when undergoing treatment in the **esthetic area**.

Participants will thus discover how the **shape and color of the crown**, the **morphology of the soft tissues**, the alignment of the **gingival margins** and the possible presence of **inter-incisional black spaces** are the aspects that the patient takes into consideration the most when evaluating the goodness and effectiveness of the treatment.

Prof. Zucchelli will identify the area of the gingival margins that develops apically for a maximum of 4 mm as the aesthetic zone of interest for the patient to work on, also clarifying the **different treatment workflows between teeth and implants**.

Finally, the goal of the treatment will be to carefully **increase the thickness of the soft tissues around the root of the treated tooth** in such a way as to provide support for the gingival margins, while also paying attention to the **camouflage** of the treatment by **masking** as much as possible the inevitable difference in thickness with respect to the soft tissues adjacent to the treated area.

In particular, in this lecture extracted from Zucchelli Channel the following topics will be covered:

- The **rationale for treatment** in the aesthetic area: the social six
- **Patient mentality** and the relevance of masking the treatment
- **Soft tissue morphology**: papilla, gingival margin and buccal parabola
- The importance for the patient of having the **gingival margins** of the two central incisors **aligned**
- The supra-osseous component of the root and the **connective attachment** with the enamel-cement junction
- At which **distance** from the gingival margin should the **osseo-integrated** part of the implant be placed?

About the speaker:
Professor **Giovanni Zucchelli** is considered one of the world's leading experts in the diagnosis, prevention and treatment of periodontal disease and gingival tissues around teeth and implants. He has devised innovative procedures that are now widely used globally.

Video Lecture 2 - Immediate post-extraction implant placement on element 21 with simultaneous connective tissue graft (25min) by Dr. Luca Gobbato.

Description:
In this clinical video, **Dr. Luca Gobbato** will show the **extraction procedure of tooth 21**, affected by a severe post-traumatic fracture, with simultaneous placement of an implant.

In the first part of the presentation, participants will be able to appreciate the **preliminary stages** of treatment; from **radiographic analysis** to **post-extraction evaluation** paying particular attention to the quality of the **buccal bone**, the depth of the **crest** and the possible presence of **granulation tissue**.
Treatment will continue with **implant height planning** with the aim of achieving **good primary stability** considering that the area is compromised by palatal resorption.

The implant insertion will be performed with the help of a **guide** in order to verify the **correct mesio-distal position** and the **correct apico-coronal depth**. Once placed, the implant will be excessively distant from the vestibular wall; this distance will be filled with a **slow-resorbing biomaterial**.
In addition, an appropriately **disepithelized palatal connective graft** will be placed to improve the condition of the adjacent soft tissues and **perfectly close the hole**.

The case will finally conclude with the application of a **Maryland** followed, after a **healing period of 3 months**, by provisional prosthesis.

In particular, in this clinical video the following topics will be covered:

- The **radiographic analysis**, the extraction of the element and the evaluation of the **vestibular bone quality**
- The measure of **ridge depth** and removal of **granulation tissue**
- The **rationale** and protocol of **implant placement**
- The choice of the most suitable **biomaterial** to fill the gap between the implant and the vestibular wall
- The correct **length**, **width** and **thickness** of the palatal connective graft
- The **suturing** of the collagen covering the palatal wound
- The **disepithelization** of the palatal graft
- The **Maryland cementation**, provisionalization and finalization of the case

Meet the speaker:
Luca Gobbato is Clinical Instructor at Harvard University in Boston in the Department of Oral Medicine. A speaker at national and international congresses, he is the author and co-author of numerous scientific publications.

Video Lecture 3 - ReLIVE Surgery. Tunneled coronally advanced flap (TCAF) in combination with a xenogeneic collagen matrix for root coverage and soft tissue phenotype modification in the upper right area (43min) by Dott. Lorenzo Tavelli.

Description:

How to surgically treat cases of **isolated Class II gingival recessions**?
Traditionally, there were two approaches: the Coronally Advanced Flap **(CAF)** technique and the **Tunnel Technique**.

In this clinical video, **Dr. Lorenzo Tavelli** will present the **Tunneled Coronally Advanced Flap (T-CAF) protocol, a technique that he recently published.**

In particular, a clinical case will be shown in which, in addition to managing a **class II recession** on the two premolars, a **distally rotated canine** presenting an **unsuitable soft tissue phenotype** around it will has to be treated.
The modification of the phenotype is necessary both in order to **better stabilize the area** but also to **avoid the risk of future recessions**.

Participants will appreciate the **incision protocol** for the **TCAF technique** that will allow access to the **defect area**, clean it and place the **collagen matrix**, positioning it coronally to allow the flap to be free to move in a coronal direction to reach the **predetermined position**, thus increasing the thickness of the soft tissue.

In particular, in this clinical video the following topics will be covered:

- How to **modify** the soft tissue **phenotype**
- **Rationale** and protocol for the **Tunneled Coronally Advanced Flap** technique
- **Incision protocol** for the TCAF technique
- The use of **tunnel knives**
- Check that the entire **tunnel** is evenly **connected**
- Mechanical **Root Debridement** and **Root Planing**
- The **positioning** and **anchoring** of the **collagen matrix** within the tunnel and suturing protocol
- How to verify that the **flap** is **free to move** in the coronal direction to reach the predetermined position

Meet the speaker:
Dr. Lorenzo Tavelli has been Full-time Faculty at the Harvard School of Dental Medicine in Boston, USA since 2021. He is one of the world's brightest young periodontists and has already received numerous awards as well as published over 60 articles in scientific journals.

Video Lecture 4 - Entire papilla preservation technique and tunnelling technique for deep infrabony defect correction, gingival recession coverage and soft tissue enhancement on elements 32 and 33 (47min) by Prof. Giulio Rasperini.

Description:
EPP (Entire Papilla Preservation) is an **innovative tunnel technique** that is very useful in the management of isolated and very **deep infrabony defects**, especially if located in the **lower arch**.

In this clinical video participants will be able to observe **Prof. Giulio Rasperini** solving, at first, the infrabony defect while **improving the phenotype** of the soft tissues adjacent to **elements 32** and **33** and then correcting, in the **same surgical moment**, a **gingival recession** thanks to the placement of a **connective graft** taken from the palatal site.

The particularity of the clinical case presented here consists in the **characteristics of the patient** in question; the **poor phenotype** in fact required the adoption of a particular focus on the restoration of a **good morphology** of the soft tissues with the aim of **repositioning the gingival tissue more coronal**.

Prof. Rasperini will also show how the **cleaning of the infraosseous component** was performed by moving the flap in a **coronal direction**, so as to gain access to the area of the defect, which was very deep, then **separating** the **healthy gingival** tissue from the **granulation tissue** and also eliminating all the biofilm and tartar present in the area

In particular, in this clinical video the following topics will be covered:

- The **evaluation** of the **gingival phenotype**
- The **intrasulcular incisions** to be made to access the deep defect site
- The phase of thorough **cleaning** of the **defect** and **root surface**
- The **thickening** of the **gingival tissue** through the placement of a **connective graft**
- How to **resolve** a **gingival recession** at the same time as resolving the infrabony defect

Meet the speaker:
The research activity of **Prof. Giulio Rasperini** is mainly focused on the perio-implant field and in particular he has coordinated randomised clinical trials, studied the action of new biomaterials and growth factors and successfully explored new surgical techniques in the field of periodontal regeneration.

In 2017, he founded iPerio, a team dedicated to research and education.

Video Lecture 5 - The transformation of a functionalised removable prosthesis into an implant-retained fixed prosthesis on implants: the B.A.R.I. Technique (1h) by Dott. Piero Venezia.

Description:
In this presentation, **Dr. Venezia** will talk about all the **information** that is acquired from the **removable prosthesis** and which must then be transferred to the **implant-supported prosthesis**.
All rehabilitation procedures, in fact, have as their first objective to **capture** the **prosthetic coordinates**, test them and then **reproduce them on the definitive prosthesis**.

It will be shown how the patient retains the provisional prosthesis for a period of **6 months** during which the **function will be assessed** and the **ridges** will be **fully healed** before finally considering the position of the **supporting implants**.

The **B.A.R.I. Technique**'s own protocol then provides for the **digital programming** of a prosthesis that will be placed in the patient's mouth to **preview the final result** by assessing whether or not a **correct occlusion** has been achieved.

By printing out the design, a template is created that will help the operator during **prosthetically guided surgery**, paying particular attention to the **position of the prosthesis** in relation to the patient's bone bases and mucosa.

Once the surgical template is stabilized in the correct position, we will proceed with **implant placement**, which can be performed in either **analogue** or **digital mode**.

In particular, in this lecture the following topics will be covered:

- How to acquire the **correct prosthetic coordinates** in edentulous or irreparably compromised patients
- The **assessment of function** and **correct implant position** during the provisionalization phase
- **Prosthetically guided** surgery
- **B.A.R.I. Technique workflow**: from design to fixed prosthesis
- **Analogue** finalization VS **digital** finalization

Meet the speaker:
An active member of A.I.O.P. and Digital Dental Society, **Dr Piero Venezia** is the author of articles in national and international journals. Alongside his clinical activity,

he also teaches, providing advanced training in aesthetic, removable and implant prosthetics.

Video Lecture 6 - Immediate Loading single tooth: risk or benefit? (40min) by Dott. Marco Degidi.

Description:
In which clinical situations is the **single tooth immediate loading** technique **recommended**?

The first part of this video lecture will be dedicated to the **analysis** of **two situations** for which the practice of **immediate loading** is **recommended** in the scientific literature: when the **extraction site** has **healed** sometime after extraction or by performing immediate post-extraction loading.

Dr Degidi will show how immediate single tooth loading **in the healed site** tends to **be avoided** because of the **loss of volume** and bone quality following extraction. The various clinical cases presented in this lecture will help participants understand how it is necessary to **rebuild the alveolar site** to restore its **bone morphology** using **biomaterial grafts** or autologous bone.

Healed sites are therefore **not an indication** for immediate loading, which is, on the other hand, judged by Dr. Degidi to be **necessary in immediately post-extraction sites**.

The speaker, in fact, with the aid of **illustrative clinical videos** will highlight how immediate post-extraction loading is **predictable in the long term** and how **bone peaks**, **volumes** and **quality** are intact years later.

In particular, in this lecture the following topics will be covered:

- **When** can immediate loading be performed on a **single tooth**?
- The need for predictable, **minimally invasive** and cheap treatments
- **Reconstruction** of the **healed alveolar site** sometime after extraction
- **Immediate post-extraction implants**: a clinical necessity for many patients
- The rationale behind **placing biomaterial** or connective grafts
- **Immediate single tooth loading**: inclusion and exclusion criteria

Meet the speaker:
Dr Marco Degidi is a speaker at the world's most prestigious congresses in the field of aesthetics and implantology, a discipline in which he boasts a large number of scientific publications in the most highly regarded scientific journals in the field.

Video Lecture 7 - Innovations in the treatment of gingival recessions (50min) by Dott.ssa Martina Stefanini.

Description:
In this video lecture, **Dr Martina Stefanini** will discuss some of the **most recent** and **disruptive innovations** in the management of **gingival recessions around teeth**.

Initially, great attention will be paid to the **analysis** of the **coronal pouch flap**: a technique first described in 2000 by **Prof. Giovanni Zucchelli** that from a simple clinical intuition has now become the **gold standard** in the treatment of **gingival recessions**.

Participants will be able to observe the **different stages** of **evolution of this technique**, starting with the addition of **connective grafts**; a practice that becomes necessary when there is not enough **keratinized tissue** to support the flap moved in a coronal direction.
Attention has been paid overtime not only to soft tissue but also to the management of **non-carious cervical lesions** at the level of bone tissue.

Dr Stefanini will then go on to illustrate the **typical workflow** of this technique; from the **oblique serial incisions** in the interproximal area to the partial thickness lifting of the surgical papillae, passing through the **full thickness lifting** of the central portion of the **flap** to the practices for detaching the alveolar mucosa from the deep planes.

After treating the soft tissues, the speaker's attention will be directed to the management of the **hard tissues**, which will involve the smoothing of the root surfaces to be performed at the same time as the **disepithelialisation of the anatomical papillae**.

In the second part of this presentation, Dr. Stefanini will show the **V-CAF protocol**, the most important modification with respect to the traditional technique, which consists in performing a flap displaced at the same time both vertically and coronally in such a way as to allow **complete root coverage** even in the **lower arch**, an area where **severe anatomical defects** usually insist.

In particular, in this lecture the following topics will be covered:

- The fundamental **role** of **connective grafts** in the management of **multiple gingival recessions**
- What should be done in the presence of **disadvantageous anatomical factors** such as excessive buccal exposure, lack of keratinised tissue or the presence of frenulum insertions?

- When and how to **modify the soft tissue phenotype** around the defect site?
- How to **surgically manage** the **lower arch** where there are many **anatomical obstacles**?
- How to manage the **poor vestibular depth** with deep partial thickness incisions?

Meet the speaker:
A lecturer at the University of Bologna since 2017, **Dr Martina Stefanini** conducts his research in the field of periodontology. Her research interests are particularly focused on clinical research in the field of mucogingival surgery. For years, she has been an integral part of Prof. Giovanni Zucchelli's working team.

Video Lecture 8 - Prosthetic management of an aesthetic soft tissue problem affecting the anterior area with 2 veneers and 2 crowns on tooth and implant (40min) By Dott. Gianluca Paniz.

Description:
The **clinical case** illustrated here presents a **significant esthetic problem** in the **anterior sector**; in particular, **Dr. Paniz** will have to manage a **high gingival smile** with imperfections on the two central incisors and the **soft tissues** adjacent to element 11, where we see an implant affected by **peri-implantitis**.

The treatment plan will include the placement of a **new implant on element 11**, the installation of a **full crown** on 21 and rehabilitation with **veneers** on 12 and 22.

Prior to the start of the actual treatment, the **preparation protocol of the surface of the tooth** concerned by the prosthesis will be analysed in detail, and once **good tissue symmetry** has been obtained a **Mock-Up** will be carried out in order to preview the final result of the case directly in the patient's mouth.

Participants will then be able to observe, thanks to several surgical clips, the implementation of the dental substrate **milling protocol** to reduce the thickness in favour of the **dental technician**'s future work.
The preparation phase will involve **shortening the tooth** by about 1 mm and will be finalized by the application of a **chamfer** and **retractor wire** at both the gingival and interproximal level.

Once the preparatory stages have been completed, Dr. Paniz will insert the **temporaries** and take a **digital impression**, which he will then send to the dental technician who will be in charge of constructing the definitive prostheses.

In particular, in this clinical video the following topics will be covered:

- The direct **Mock-Up protocol** for assessing tooth shapes with the patient
- The preparation for **veneers** in step-by-step mode
- The comparison between **digital and analogue impression** taking
- The transfer of the **emergence profile** of the temporary onto the implant with digital path and scanning
- **Cementation** of temporaries on teeth and implants

Meet the speaker:
Dr Gianluca Paniz active member of the Italian Academy of Aesthetic Dentistry and the Italian Academy of Osseointegration. Speaker at international congresses, reviewer of the International Journal of Perio and Rest Dentistry (PRD), author or co-author of scientific publications and book chapters.

Video Lecture 9 - Surgical management of post sinus augmentation biomaterial infection (12min) by Dott. Michele Jacotti.

Description:
How to manage an **infection** of the **biomaterial** inserted into the sinus?

Dr. Michele Jacotti will show a **clinical case** in which a patient, following a **sinus lift** procedure, developed reactive **sinusitis** and a **tissue infection** that also caused an **abscess**.

Participants noted that once the **sinus was reopened**, the presence of **granulation tissue** could be observed, which had to be **carefully removed** using **alveolar spoons** and sinus scoops.

In order to remove the defect even more thoroughly, a **debridement** inside the **sinus cavity** will be performed with **Piezo surgery** followed by cleansing of the sinus cavity.

The treatment will be finalized with a further pass with Piezo to **clean the bone walls** and a final irrigation with **Betadine** to completely disinfect the area.

In particular, in this clinical video the following topics will be covered:

- The management of **infection** of the **grafted biomaterial**
- How to completely **remove granulation tissue**
- The **sinus** cavity **cleaning** protocol
- **Post-operative care**: antibiotic and anti-inflammatory therapy

Meet the speaker:

Dr. Michele Jacotti has been devoting his professional activity exclusively to implantology and prosthetic on implants since 1992.
A speaker at courses and congresses, he is the author of articles in national and international journals.
He regularly holds courses at his Institute on bone regeneration with block grafts.

'Video Lecture 10 - The treatment of peri-implant esthetic defects (50min) by Dott. Claudio Mazzotti.

Description:
The aim of **implant-prosthetic restorations** is to achieve a restoration that blends fully into the context and looks as much like a **natural tooth** as possible.

In order to achieve this important outcome, it is necessary to **treat peri-implant aesthetic defects**. In this video lecture, **Dr Mozzatti** will discuss the **management of peri-implant** soft tissue **dehiscences**.

The factors that can have a **negative impact** on the **stability of soft tissue margins** will be presented and a **new classification** of these **deficits** proposed by Prof. Giovanni Zucchelli's working team will be enunciated.

This subdivision will have a **dual interpretative key**: the position of the implant crown in relation to the curved line connecting the gingival margins of adjacent teeth will determine **4 different classes**, while the height of the papillae in reference to the gingival margins will give rise to **3 different sub-classes**.

Finally, a **clinical case** will be shown for each of the above-mentioned clinical situations through which the **treatment workflow** will be analysed **step-by-step**. Particular attention will be paid to the **area of the anatomical papilla**, which are considered essential to provide a **vascular bed** for the coronal displaced flap and to give **stability** to the **interproximal soft tissue**.

In particular, in this lecture the following topics will be covered:

- What is the **overall goal** of implant-prosthetic **restorations**?
- The factors that can **negatively influence the stability** of peri-implant soft tissue margins
- The **classification** of peri-implant tissue **deficits and dehiscences**
- The indications for division into **classes and sub-classes**
- The analysis of **three distinct surgical approaches** for the management of different classes of dehiscences
- The management of **anatomical papilla** to provide a **vascular bed** for the coronally displaced flap

Video Lecture 11 – Vertical mandibular reconstruction with Khoury's Technique and SAFECUT® computer guided bone harvesting (1h 35min) by Dr. Luca De Stavola

Description:

In this **Re-LIVE Surgery**, **Dr. De Stavola** performs a **bone augmentation** of the **alveolar ridge** by following **Khoury's Technique** protocol.

In the first phase of the surgery, participants will have the opportunity to appreciate the **incision** and **detachment** of the flap and the subsequent **exposure of the mandibular bone**.

The surgeon shows how to check the correct size of the previously created **surgical template** using the CAD-CAM process and then proceeds to **stabilize the template** with **osteosynthesis screws**.

The surgeon also shows how to create an **osteotomy line** using a **Piezo instrument**. The osteotomy takes place in a **very controlled situation** thanks to the careful preparation phase and the help of the surgical template.

Following Khoury's Technique protocol, Dr. De Stavola **divides the harvest** into two segments by creating a deep osteotomy line resulting in **two cortical blades**. The surgeon then shows the thinning phase of the two blades whereby **autologous spongy bone** is harvested and used as a filler to properly **vascularise the area**.

During the final phase of this Re-LIVE, Dr. Luca De Stavola inserts the two rigid blades of the mandibular bone and their respective **screw fixation**, as well as the autologous spongy bone into the wound area.

The fundamental objective of the surgery is to obtain the **primary mechanical stability of the graft**.

I**n particular, this lecture covers the following topics:**

- **How to harvest** a bone block?
- The **advantages** of using an **autologous** bone block
- The **correct thickness** of the bone blades
- The need for harvesting **particulate bone** to recreate the spongy bone
- The **flap preparation** phase for graft placement
- How to reconstruct good alveolar **ridge tridimensionality**
- **Suture** protocol
- How to reach a **good primary stability** of the bone blades

Video Lecture 12 - Re-LIVE Surgery - Sinus lifting with lateral approach (S.A.D. Technique) and horizontal bone augmentation in severely atrophic posterior maxilla (2h 19min) by Prof. Tiziano Testori

Description:
In this **Re-LIVE Surgery**, an innovative **antrostomy design technique** will be presented and discussed in detail.
Prof. Tiziano Testori and his team developed the **Simplifying Membrane Detachment (S.A.D.)** Technique that facilitates the **maxillary sinus membrane elevation**, makes the antrostomy **easier** and **decreases the perforation rate**.

In this particular clinical case, a maxillary sinus elevation with the **reconstruction of the atrophic maxilla** on the horizontal plane will be performed to treat a patient with **missing molars** and **premolars** both in the upper and lower arch and with **bone resorption** on the horizontal plane.

The treatment plan will consist of the **reconstruction of the atrophic maxilla** both in the right and left side with a **contextual implant placement** in the lower arch.

I**n particular, this lecture covers the following topics:**

- **Understand the anatomy** of the **maxilla** thanks to CAD-CAM and the construction of **3D models** of the arches
- **Diagnostic wax-up** to plan the soft tissue compensation that has to be performed
- S.A.D. Technique **general indications**
- The **guided antrostomy** performed with a personalized surgical stent
- Re-establishment of a **normal bone anatomy**

About the speaker:
Prof Tiziano Testori, MD, DDS, FICD, currently serves as the head of the Implant Dentistry and Oral Rehabilitation section of the Department of Biomedical, Surgical, and Dental Science at the Galeazzi Orthopedic Institute in Milan, Italy, and as an Adjunct Clinical Associate Professor of the Department of Periodontics and Oral Medicine at The University of Michigan.
He is President (2017-2018) of the Italian Academy of Osseointegration (IAO). He is member of the Editorial Board of IJOMI, EJOI, IJPRD (Quintessence Publishing Chicago). Prof. Testori has authored 120 peer-reviewed publications and 4 books in Implantology.
Video Lecture 13 - The advantages of fixed conometric prosthetics in implant rehabilitation (46min) by Prof. Eriberto Bressan

Description:
In this **theory lecture** video, enriched with numerous **clinical clips** and **3D animations**, Prof. Eriberto **Bressan** will present the **definition** of **fixed conometric**

prosthesis, a solution considered advantageous for the clinician, the patient and the dental technician.

Participants will be able to appreciate the **easy protocol** for **removing the prosthesis** and the **perfect seal** between prosthetic component and abutment. Thanks to the various clinical clips, the improved **maintenance of peri-implant health** and increased success rates, **management and prevention** of **complications** will be noted.

In particular, the following topics will be addressed in this lecture:

- The **definition** of **implant success**: stability and minimum risk of complications
- **Workflow analysis** of fixed tapered prostheses
- **Conometric prosthetics**: innovation, simplicity and cost reduction
- The **components** of a fixed conometric prosthesis: implant, abutment and crown
- Maintaining **peri-implant health**

Meet the speaker:
Graduated in Dentistry and Dental Prosthetics with highest honours, he specialised in Orthodontics in 2001 at the University of Padua. Pdh in Biochemistry, Molecular Biology and Biotechnology. Director of the 2nd Level Master's Course in Osseointegrated Implantology at the University of Padua. Director of the Postgraduate Course in Research Methodology at the University of Padua. ITI Fellow. President-elect of the Academy of Osseointegration IAO. Associate Professor, holder of the Chair of Periodontology and Implantology at the Degree Course in Dentistry and Dental Prosthetics at the University of Padua. Holder of the Chair in Implantology at the Degree Course in Dental Hygiene at the University of Padua. Speaker at National and International Congresses and author of numerous publications in Italian and international journals.

Video Lecture 14 -ReLIVE surgery - Mandibular vertical atrophy resolution via GBR and immediate implant placement (46min) by Prof. Massimo Simion

Description:
This video shows a posterior alveolar ridge vertical augmentation surgery, with contextual placement of 3 hybrid implants.
To provide support to the regeneration, the surgeon applies a non-resorbable titanium-reinforced membrane.

Meet the speaker:

Professor Massimo Simion received a degree in Medicine and Surgery, and specialty training in Odontostomatology and Dental Prosthodontics from the University of Milan. He is a Professor and Chairman of the Department of Periodontology, Dental School, University of Milan. Past-President of European Academy of Osseoinegrtion and the Academy of Osseointegration. Dr. Simion serves as referee for the Journal of Periodontology, International Journal of Periodontics and Restorative Dentistry, and Clinical Oral Implant Research. He has published several scientific articles, and lectures internationally on periodontology, osseointegration and bone regeneration.

Video Lecture 15 - Dissection of the vestibular side of the mandible (min)

In this video lecture, the following topics will be covered:

- Dissection of the inferior vestibular fornix region
- Intraoral detection of facial vessels
- Surgical management of the mandibular nerve loop
- Excision of neoformations of the fornix: techniques and instrumentation
- Retention of the vestibular flap for bone augmentation techniques
- Surgical videos on patients with advanced techniques of excision of neoformations of the fornix, mandibular bone reconstruction and rehabilitation of the mandible in the foraminal area

Video Lecture 16 - Why and how should you treat an intraosseous defect? Establishing the treatment plan and therapeutic outcomes (26min) By Dr. Leonardo Trombelli

Description:
This first lesson of the video course aims to develop skills and abilities in formulating the treatment plan in patients suffering from severe periodontitis characterized by the presence of infrabony defects.
The goal is to contextualize the treatment as part of a broader therapeutic plan.

The content of the lesson:
How to include regenerative treatment within the overall therapeutic plan
Objectives of the regenerative treatment and long term result predictability
Patient-specific and defect-specific features that favor the regenerative treatment option

Video Lecture 17 - The microscope in mucogingival surgery: triangular coronal advancement flap and associated CTG (50min) By Dr. Ghezzi

Description:
The video illustrates mucogingival surgery using a CAF + CTG bilaminar technique to cover a single recession on tooth 23.

The video can be viewed in a double window: the first intraoral to get the technical surgical detail at high magnification, the second extraoral to follow the movements of the operator and assistants during the surgery.

The basic microscope positions can be considered equivalent when using prismatic magnification - and are described in detail for each surgical step.

In particular, the following topics will be treated:

- The digital planning of a CAF
- The surgical technique for performing it, incision, disconnection and suturing;
- The execution of a palatal epithelial-connective tissue harvest;
- The placement of the CTG and related suturing;

Video Lecture 18 - The prosthetic principles for an aesthetic approach in implant rehabilitation (52min) By Dr. Lops

Description:
Prosthetic recommendations; how to choose the correct prosthetic solution by considering the type of implant, the abutment connection, the transition zone features and the restorative ceramic materials actually available on the market.

MEET THE SPEAKER:
Diego Lops is a keynote speaker at many prestigious conferences in the field of esthetic dentistry and implantology with many scientific publications on the most prestigious journals in the field. He also cooperates with many National and International associations and Universities in Europe and Asia.



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