

A portrait of a middle-aged man with dark hair, smiling, wearing a dark blue blazer over a light-colored shirt. He has his arms crossed. The background is a blurred indoor setting.

GBR

IN EVERYDAY PRACTICE

FILIPPO FONTANA

 **osteocom**

GBR in everyday practice

By Dr. Filippo Fontana



SUMMARY



Topic:

Learn how to manage peri-implant defects in a simple, quick and effective way.



Objectives:

By attending this course you'll be able to:

- Analyse different types of bone defects
- Prepare a receiver site
- Choose the proper donor site
- Collect bone in a minimally invasive way
- Pharmacologically manage the patient
- Choose between resorbable and non-resorbable membranes depending on each specific clinical situation
- Manage the most common peri-implant defects in a very effective and predictable way



About the author:

Dr. Filippo Fontana is author of national and international publications. He focuses his clinical activity on Periodontology and Implantology with a particular emphasis on bone regeneration.

LEVELS

Difficulty ●●●

Theory ●●●●

Practice ●●●●

KEY INFO



English



On Demand + ReLIVE



Implantology - Bone Regeneration



4h 30m



4 lectures and 2 ReLIVE surgeries

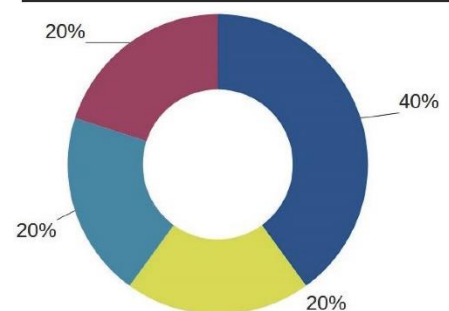


Clinical Yes



NO

SKILLS YOU WILL LEARN



■ GBR surgical protocol ■ Bone Harvesting
■ Bone Defects ■ Implant Positioning



The course includes:

- 4 theoretical video lectures
- 2 ReLIVE surgeries with step-by-step commentary

Topic covered in the course:

- Bone regeneration protocols with resorbable membranes
- How to design a flap
- How to properly fix a membrane
- The importance of autologous bone graft
- Incision and suturing technique

At the end of the course, you will be able to:

- Analyse different types of bone defects
- Choose the proper donor site and prepare the receiver site
- Collect bone in a minimally invasive way
- Pharmacologically manage the patient
- Choose between resorbable vs non-resorbable membranes
- Manage the most common peri-implant defects

Who the course is for:

The course is recommended to implantologists and dentists at all levels of experience who often deal with peri-implant minor defects and want to treat them properly.



Video Lectures:

Video Lecture 1 – Indications in Guided Bone Regeneration

In this first video lecture, Dr. Fontana will give participants the basics of GBR. Starting from biological principles up to the differences between resorbable and non-resorbable membranes, passing through the creation and the maintenance of a protected space thanks to which have bone regeneration.

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

- Biological principles in GBR
- Which are the most common peri-implant defects
- Selection criteria between resorbable and non-resorbable membranes
- Focus on the clinical application of resorbable membranes
- Characteristics of a membrane
- Classification of bone defects
- How to maintain the protected space

Video Lecture 2 – Surgical technique step-by-step

During this lecture, you will be shown all the steps of the GBR surgical protocol with resorbable membranes. Specific attention will be paid on flap design and membrane stabilization and Dr. Fontana will be helped by clinical videos exemplifying each step.

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

- Key points of GBR with resorbable membranes
- How to use membranes to achieve predictable implant outcome
- Flap design and elevation
- Proper passivation of the flap
- Membrane stabilization
- How to suture without tension
- Patient management after the surgery

Video Lecture 3 – Minimally invasive autologous bone harvesting

In this lecture Dr. Fontana will speak about the rationale behind autologous bone harvesting. The objective of this presentation is to give participants tips and tricks to perform the harvest in a minimally invasive way.

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

- Which type of graft should be used? (Bone cloth, coagulum, biomaterials)
- How to reduce the invasiveness of intraoral bone harvesting
- Which instruments should be used for harvesting?
- The benefits of a resorbable membrane combined with autologous chips and biomaterials

Video Lecture 4 – Surgical procedures

In this lecture Dr. Fontana will reinforce the key points of GBR, already anticipated in the previous presentations. It will be shown 2 clinical cases in which sinus lift and bone augmentation will be reached thanks to GBR surgical protocol.

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

- Step-by-step surgical procedure
- GBR key point's review
- Incision protocol
- Elevating full thickness the flap
- How to fixate the membrane and how to adapt it to the receiving site

Video Lecture 5 – ReLIVE: GBR in the management of a dehiscence on 2 implants in the mandibular posterior area

This is a ReLIVE surgery in which Dr. Fontana will comment step-by-step the clinical protocol to treat peri-implant bone dehiscence with a collagen native resorbable membrane. In fact, due to the lack of bone, it has become necessary to increase the bone volume with GBR minimally invasive technique.

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

- Anaesthesia injection protocol
- How to design a full thickness and crestal incision
- How to avoid damage while incising the papilla
- Implant positioning
- How to collect the bone for our GBR technique
- Suture protocol

Video Lecture 6 – ReLIVE: GBR surgery with single-site membrane in the aesthetic area

In this last ReLIVE Surgery Dr. Fontana will explain how to place an implant in an aesthetic site and how to manage a vestibular dehiscence by using a resorbable membrane.

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

- Different ways to collect the autologous bone for the regeneration
- The release of the buccal flap
- How to properly trim the membrane to adapt it to the receiving site
- How to get a good bleeding by perforating the buccal crest
- How to enhance our regeneration's potentiality



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Bio Autore:

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