Regaining Your Gum Tissue

Soft-Tissue Regeneration With Geistlich Mucograft®
Gum tissue can recede due to grinding of the teeth, thin insufficient gum tissue, as well as inadequate or over aggressive tooth brushing. The type of gum tissue in the oral cavity that normally surrounds a tooth or implant is known as keratinized tissue. This firm and pink tissue is bound tightly to the underlying bone and can withstand the effects of chewing and tooth brushing. The amount of keratinized tissue around your teeth, your dental implants, and/or in areas where you have lost your teeth may be inadequate or not present.

Oral hygiene procedures on their own cannot regain recession of the gum tissue nor can they increase the amount of keratinized tissue. A soft-tissue grafting procedure is often done to replace the lost gum tissue or increase the amount of keratinized tissue in the affected areas. Typically, this requires cutting the tissue on the roof of your mouth and then transferring and placing it in the area where additional gum tissue or thickness is required.

While this technique is effective, there are significant drawbacks including:

- Pain and bleeding at the surgical site where the tissue was taken
- Limited tissue available to treat all areas requiring treatment
- Unfavorable esthetics due to poor color and texture match
The Gentle Solution for Regaining Your Gum Tissue

What is Geistlich Mucograft®?

> Geistlich Mucograft® is a 3D collagen matrix specifically designed for soft-tissue regeneration in the oral cavity.
> The matrix is made of porcine collagen which will be replaced by your own soft-tissue cells during the regeneration process.
> As an approved medical device, Geistlich Mucograft® fulfills the highest standards for quality and safety.

What are the benefits of Geistlich Mucograft®?

> **Less Pain:** Geistlich Mucograft® avoids cutting and removing soft-tissue from the roof of your mouth which eliminates complications like pain or infection.1,2,3

> **Easier Recovery:** Eliminating the need to remove soft-tissue from the roof of your mouth allows an easier recovery and faster return to normal eating and drinking habits.4

> **Less Surgical Chair Time:** With Geistlich Mucograft® the surgical time is significantly reduced.5

> **Excellent Soft-Tissue Healing:** Geistlich Mucograft® naturally integrates into your own soft-tissue without any matrix related inflammation.1,2

> **Superior Esthetics:** The matrix promotes good color and texture match with the surrounding gum tissues.6,7
What Happens if Gum Tissue Recession is Left Untreated?

Several problems can occur if recession of the gum tissue is left untreated:

> The exposed tooth root may become hypersensitive, causing pain when in contact with cold or hot substances.
> Bone and gum surrounding the tooth may recede further aggravating the existing problems.
> Progression of untreated recession of the gum tissue can compromise oral hygiene, which can lead to gum inflammation and potentially result in tooth root caries (cavities).
> Progressive loss of bone and gum might need to be corrected with lengthy and costly treatment.

How Can Recession of the Gum Tissue be Treated?

> Gingival recession can often be treated with a surgical procedure.
> It is important to address the cause of the gingival recession prior to surgical treatment.
> Your dentist will advise you on the appropriate treatment for your situation.
What Happens When You Do Not Have Enough Keratinized Tissue?

Several problems can occur if you do not have enough keratinized tissue:

> Too little keratinized tissue may induce inflammation of the gum tissue.
> Due to pain and bleeding of the inflamed gum, it may be more difficult, or even impossible to maintain good oral hygiene.
> Chronic inflammation may lead to bone and gum loss (e.g. recession of the gum tissue).
> Progressive loss of bone and gum may require lengthy and costly treatment.

How Can My Keratinized Tissue be Increased?

> Loss of keratinized tissue can often be successfully treated.
> Any existing infection should be managed before your surgical treatment.
> Your dentist will advise you on the appropriate treatment for your situation.
Care Following Your Procedure:

- Treat swelling with damp cold compress without adding pressure.
- In the case of pain, your dentist will prescribe suitable medication.
- Avoid hot beverages, hot food and alcohol for 3 days after the procedure.
- For the first 4 weeks, no brushing or flossing at the gum line and no chewing of hard foods.
- 4–8 weeks after surgery, follow the oral hygiene instructions provided by your dentist (soft toothbrush).
- 8–12 weeks after surgery, begin with normal careful brushing.
- Smoking and inadequate oral hygiene can significantly reduce the success of the therapy or even lead to therapy failure.
- Keep your follow-up appointments with your dentist even if healing is uneventful.

Geistlich Mucograft® should be used with special caution in patients with:

- Uncontrolled metabolic diseases (diabetes, hyperparathyroidism, osteomalacia)
- Osteoporosis
- Severe renal dysfunction or severe liver disease
- Prolonged corticosteroid therapy
- Vascular impairment at the implant site
- Autoimmune disease
- Radiotherapy
- Heavy smoking habits
- Acute or chronic infection (e.g., osteomyelitis)

Effect on pregnant or lactating women is not known. Success rates may vary depending on the type of procedure performed.
Why is Treatment Beneficial?

Smile Again
Esthetically pleasing outcomes and maintenance of healthy teeth.

Less Pain & Fewer Complications
No need to remove soft-tissue from the roof of the mouth.

Less Surgical Chair Time
With Geistlich Mucograft® surgical chair time is significantly reduced.\textsuperscript{5}
CAUTION: Federal law restricts these devices to sale by or on the order of a dentist or physician.

Indications:
Geistlich Mucograft® is indicated for the following uses: Covering of implants placed in immediate or delayed extraction sockets, localized gingival augmentation to increase keratinized tissue (KT) around teeth and implants, alveolar ridge reconstruction for prosthetic treatment, recession defects for root coverage.

Warnings:
As Geistlich Mucograft® is a collagen product allergic reactions may not be totally excluded. Possible complications which may occur with any surgery include swelling at the surgical site, flap sloughing, bleeding dehiscence, hematoma, increased sensitivity and pain, bone loss, redness and local inflammation.

For more information on contraindications, precautions, and directions for use, please refer to the Geistlich Mucograft® Instructions for Use at: www.geistlich-na.com/ifu

References

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