Made for GDT Implants
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INSTRUCTION FOR USE

GDT SPONGE BOVINEGRAFTING PLUG

One-step solution for bone grafting procedures

DESCRIPTION

Sponge BovineGraftIng Plug is porous preformed bone grafting material. It is comprised of highly purified type I bovine Achilles tendon collagen, combined with **Bovine Graft** bioactive xenograft. Together, it simulates the natural collagen matrix and porous mineral structure of human bone.
BovineGrafting will show as radiolucent on the day of placement in a defect site by dental x-ray. 3-6 months later, after replaced with the new bone formation, the defect site will be radiopaque. The exact timing depends on vascularity, patient's age and quantity of product delivered.

INDICATIONS

Periodontal and general maxillofacial surgery procedures.
Placed in extraction sockets prior to the insertion of dental implants. Repair of intra bony defects and ridge preservation.
Sinus Augmentation.
Wound healing post-dental implant surgery.
Guided Bone Regeneration (GBR) procedures.

INSTRUCTIONS FOR USE

- **Post-extraction socket preservation:**

1. Curettage, debridement and enucleation is performed to remove pathogens. Basic surgical techniques are necessarily the surgeon's responsibility.
2. Sponge **BovineGraftIng Plug** is designed specifically for socket preservation following tooth extraction. Remove with sterile forceps from a packaging, cut, if necessary, and deliver into the socket.
3. Press to conform into the site. Place the remaining pieces, if any, over the socket.
4. Gauze can be used to compact the product and remove excess blood. Cross-suture the tissue over tooth extractions.
5. TIP: to avoid suturing and flap mobilization, consider packing the socket (with **Sponge BovineGraftIng Plug** inside) with the **Sliver HemoSponge.** It will prevent the material from early exposure, prolonging the initial resorbation period and adding extra bactericide effect.

- **For sinus lifting:**

1. Cut and soak several **BovIneGraftIng Plugs** with patient's blood or sterile saline.
2. Fill the sinus cavity and place up against the new designated slnus floor.
3. Cut the plug in two, cover the surgical sinus window and suture.

- **For large buccal cortical defects, ridge augmentations and onlay grafting:**

The cortical bone is decorticated and perforated to accelerate blood and cells delivery from endosteum. Avoid major landmarks during perforation (e.g., neighbouring roots, mandibular canal, sinus, trigeminal nerves, mental foramen, etc.). Cut and deliver the **BovineGrafting Plug** dry for better control and adaptability. Cover the site if necessary and suture. Screws or bone tacks can be used to secure the larger parts.

- **Post-op:**

Ice bags after surgery are recommended. Basic oral hygiene with a warm salt water. Rinse twice daily. No topical tooth brushing at the wound site. Refrain from use of Waterpik systems.

CONTRAINDICATIONS

Product contains bovine collagen material and may be contraindicated in patients with a history of allergic reactions to bovine collagen-derived products.

Do not use with:

- Patients with acute infection in surgical site or oral wound cavity with existing acute or chronic infection, as well as any systemic or autoimmune disease or complications.
- In surgical sites with inflammatory bone disease such as osteomylitis.
- In the presence of metabolic or systemic bone disorder.
- Children and pregnant women.
- In wound complications which may occur, including, but not limited to hematoma, edema, swelling and fluid accumulation, tissue thinning, infection or other complications that are possible with any surgery.

CAUTION

Clinicians should be familiar with periodontal therapy, bone augmentation, and implant procedures. Improper technique may result in compromised results.
Do not use beyond indicated applications.

STORAGE

Product should be stored in a dry place with controlled room temperature conditions below 25°C (77°F). Do not freeze or expose to direct sunlight.

PACKAGING

Each box contains a product in double sterile envelope or blister tray. Product is intended for single use only. Do not use if packaging is damaged, torn, or appears opened.

REF: SPO-BG

STERILE R

ATTENTION! The sterility of the product cannot be guaranteed if the package bears evidence of damage, has been opened previously or wet.

Failure to comply with the conditions of storage leads to a change of the working characteristics of the material and decrease the shelf life of material. The manufacturer is not responsible for any loss of quality caused by the failure to comply with terms of transportation, storage and use established by the manufacturer for this product. Responsibility for the use of the material for purposes other than those specified by the manufacturer, the user's responsibility.