**Origin:** porcine dermis

**Composition:** native acellular collagen

**Size:**
- 15 × 20 mm / 20 × 30 mm
- 30 × 40 mm / Ø 10 mm

**Thickness:** 1.2 - 1.7 mm

**Integration time:** 6-9 months

**Feature:** fully resorbable matrix

mucoderm®

3D-STABLE SOFT TISSUE GRAFT

botiss.com
mucoderm® is a natural, porous, acellular, and completely resorbable collagen matrix for soft tissue augmentation. It successfully supports wound reparation and cell tissue migration. The polymer structure of the collagen molecule is such that it can be used as an alternative to autologous connective tissue grafts.

**Easy Hydration After Hydration**

Clinical experience >12 years

**Clinical Application**

BRINGING BACK YOUR PATIENT'S SMILE

**Clinical cases with mucoderm® on soft-tissue grafting after transplant harvesting - Oral wound coverage - Thickening of periimplant sockets - Covering of extraction sockets - GBR/GTR - Soft tissue grafting - Broadening of the attached gingiva - Gingival recessions - Soft tissue augmentation - Marginal tissue is characterized by a natural looking and aesthetic appearance **

- A SUCCESSFUL SOLUTION FOR SOFT TISSUE AUGMENTATION

**ADVANTAGES:**

- Reduced morbidity
- Reduced surgical & post-surgical bleeding
- Reduced surgical operating time

**INDICATIONS:**

- Soft tissue augmentation
- Gingival recession
- Grafting of the attached gingiva
- Soft tissue grafting
- Gingival recessions
- Soft tissue augmentation
- Marginal tissue is characterized by a natural looking and aesthetic appearance

**Clinical success up to 91%**

**EASY HANDLING AFTER HYDRATION**

Clinical hydration: 2-15 minutes for maximized biomechanical stability.

**Optimal hydration time 10-20 minutes for maximized biomechanical stability.**

**Improved Aesthetics & Patient Satisfaction**

**Scientific Contributions**

Based on my clinical experience and research, I have found out that the mucoderm® matrix is a viable, highly homogeneous 3D matrix. The three-dimensional collagen matrix promotes early revascularization and optimal integration into the surrounding tissue, ensuring a successful aesthetical outcome with reduced pain and patient discomfort. In many cases I use mucoderm® as an alternative to Emdogain® or other growth factors. It serves as an ideal carrier for biologic active substances such as stem cells and many more...

**HOMOGENOUS 3D MATRIX**

Due to its high biocompatibility and native for connective tissue grafts, mucoderm® is perfectly suitable for the tunneling procedure. Moreover, mucoderm® is an excellent mechanical properties due to its high biocompatibility and native for connective tissue grafts. It serves as an ideal carrier for biologic active substances such as stem cells and many more...

**High Safety**

The multi-stage purification process ensures the removal of non-viable cells, DNA, viruses. Gamma irradiation further guarantees sterile packaging of collagenous proteins, cells, potential immunogens as well as bacteria.

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