


INSIDE



mucoderm®



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®

A SUCCESSFUL SOLUTION FOR
SOFT TISSUE AUGMENTATION

mucoderm® is a natural, porous, acellular, and completely resorbable collagen matrix for soft tissue augmentation. mucoderm® supports early revascularization and soft tissue integration. The uniform architecture of the collagen fibers and the biological unique properties make mucoderm® a valid alternative to autologous connective tissue grafts.

>15 years

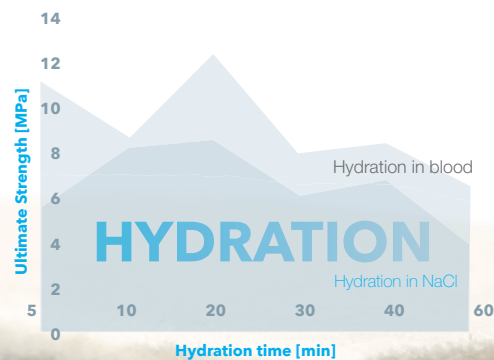
clinical experience

HIGH SAFETY

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

EASY HANDLING AFTER HYDRATION

Optimal hydration time 10-20 minutes for maximized biomechanical stability¹.



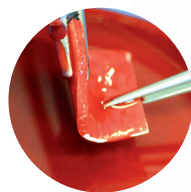
mucoderm®: CE approved
according to 93/42/EEC

>150

scientific contributions
(2026)

Prof. Dr. Dr. h.c. Adrian Kasaj, M.Sc:

Based on my clinical experience and research, I have found out that the mucoderm® matrix is a viable, highly safe and patient-friendly alternative to palatal donor tissue in root coverage procedures. The accomplished root coverage and thickening of the marginal tissue is characterized by a natural looking and aesthetic appearance meeting the expectations of the patients.



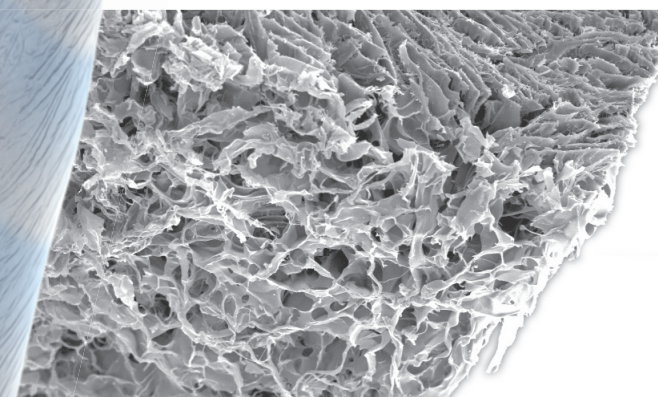
IMPROVED AESTHETICS & PATIENT SATISFACTION

The three-dimensional collagen matrix promotes early revascularization and optimal integration into the surrounding tissue, ensuring a successful aesthetic outcome^{2,4,5} with reduced pain and patient discomfort¹¹.

HOMOGENOUS 3D MATRIX

Efficient scaffold for the proliferation of a wide variety of (soft-tissue) cells and excellent guide for blood vessel growth^{2,3}.

Reliable shape and thickness stability⁹



botiss webinars:

Attila Horváth
Bálint Molnár
Alessandro Rossi
Massimo Froscechi
Adrian Kasaj
Dávid Botond Hangyási
and many more...

BRINGING BACK YOUR PATIENT'S SMILE

Prof. Dr. med. dent., Dr. h.c. mult. Anton Sculean, M.Sc.: In many cases I use mucoderm® as an alternative for connective tissue grafts. Due to its high biocompatibility and excellent mechanical properties mucoderm® is perfectly suitable for the tunneling procedure. Moreover, it serves also as an ideal carrier for biologic active substances such as Emdogain® or other growth factors.

Prof. Giovanni Zucchelli, DDS, PhD: The adjunctive use of mucoderm® and Emdogain® to the coronally advanced flap allows to increase soft tissue thickness and improve the quality of attachment between the soft tissue and the root. Both of these factors are critical for the long-term stability of the root coverage outcome.

ADVANTAGES:

- Reduced surgical operating time^{9,10,11}
- Reduced surgical & post-surgical bleeding^{9,10}
- Reduced morbidity^{9,10,11}

Clinical success
Root coverage
up to 91%^{6,7,11}
 (Miller class I-III)

Find handling tips
 and surgical instructions
 in the „mucoderm®
 surgical guide“:
botiss.com

Clinical Application

Clinical cases with mucoderm® on
BOTISS.COM

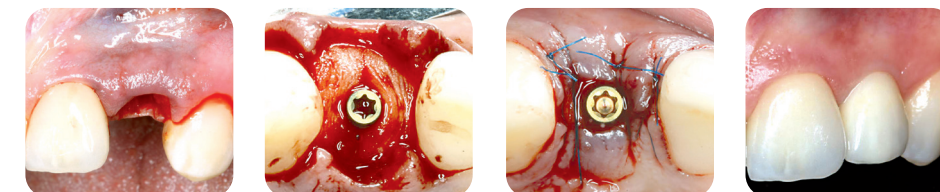
RECESSION DEFECTS PROF. A. SCULEAN & DR. R. COSGAREA, UNIVERSITY OF BERN, UNIVERSITY OF MARBURG, SWITZERLAND, GERMANY



Covering of multiple recessions with the modified coronally advanced tunnel (MCAT) technique

18 months

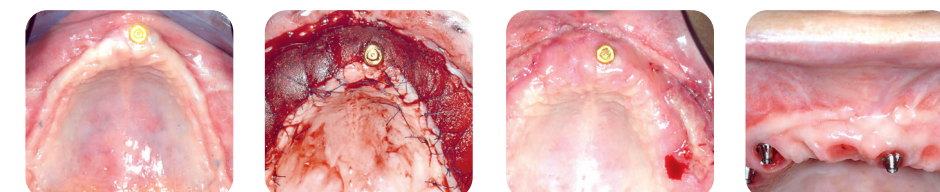
SOFT TISSUE THICKENING DR. A. PUISYS, VILNIUS, LITHUANIA



Soft tissue thickening at immediate implant placement

18 months

VESTIBULOPLASTY PROF. P. WINDISCH & DR. B. MÓLNAR, SEMMELWEIS UNIVERSITY BUDAPEST, HUNGARY



Full arch reconstruction of insufficient vestibular depth and lack of keratinized tissue

6 months

Indications

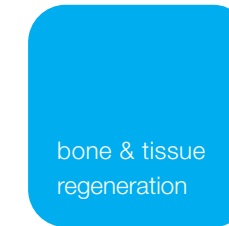
- Soft tissue augmentation^{5,8}
- Gingival recessions^{6,7}
- Broadening of the attached gingiva⁹
- Soft tissue grafting with GBR/GTR
- Covering of extraction sockets
- Thickening of periimplant soft tissue⁵
- Oral wound coverage after transplant harvesting or tumor surgery

GET IN TOUCH
pm@botiss.com

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 3: Pabst et al. J Periodontol Res. 2014; 49(3):371-81. Epub 2013.
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7: Ciešlik-Wegemund. 2016 J Periodontol. 17:1-15.
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 12: Scrascia A., personal communication 2016; data to be submitted, Rome, Italy.

muco[®]derm[®]
3D-STABLE **SOFT TISSUE GRAFT**



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