SHELTER®
NEW THICKNESSES
NEW SOLUTIONS



Even Thicker!

0.8 mm | 1.00 mm

- Greater Resistance
- Ease of Use
- Prolonged Barrier Effect

UBGEN

SHELTER®

New Thicknesses, New Solutions

Combining the winning characteristics of our membranes with the needs of clinicians, we have developed the new SHELTER®.
Now available in two additional thicknesses: **0.8mm** and **1mm**.

Designed to offer superior resistance and a prolonged barrier effect, these membranes are the result of continuous research aimed at developing increasingly effective and safe solutions.

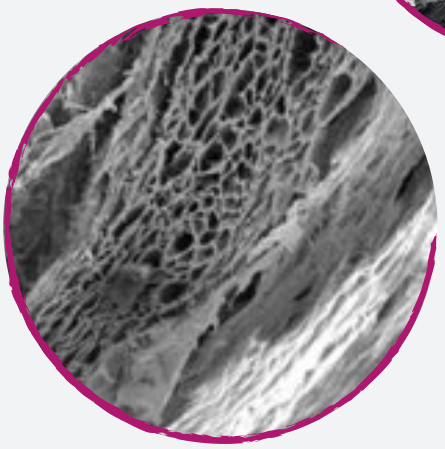






MULTILAYER STRUCTURE

- Robust
- Flexible
- Reliable



Features

BIOCOMPATIBILITY AND SAFETY

Entirely produced in Italy, following a rigorous decellularization process that ensures the total absence of exogenous or cytotoxic elements. Gamma ray sterilization guarantees a 5-year stability, making them safe and reliable for every procedure.

RESISTANCE AND EASE OF USE

The 0.8 mm and 1 mm thicknesses offer superior tensile strength, facilitating suturing and fixation, ideal for procedures that require prolonged stability of the biomaterial.

Clinical Benefits

PROLONGED BARRIER EFFECT

Ideal for clinical situations that require long-lasting protection of the treated area, they prevent the invasion of epithelial and connective cells, promoting bone regeneration.

SUPPORT FOR ANGIOGENESIS AND CHEMOTACTIC CAPACITY

The bovine pericardium of the SHELTER® membranes promotes the formation of blood vessels and enhances tissue regeneration. Moreover, their chemotactic capacity attracts the cells necessary for bone regeneration, further improving clinical outcomes.

Clinical Applications

The 0.8 mm and 1 mm SHELTER® membranes are ideal for a variety of clinical applications, including:

- **Sinus Lift:** They support techniques such as large lifts, Summers method, and crestal or lateral approach.
- **Guided Bone Regeneration (GBR):** Ideal for horizontal and vertical bone ridge augmentation.
- **Periodontal Regeneration:** Effective in infra-bony defects, dehiscences, and fenestrations in peri-implant lesions.

CLINICAL CASES

"The bovine pericardium membrane, fixed with retaining pins, thanks to the peculiar structure of the wide mesh three-dimensional collagen matrix, is resorbed by the body without any inflammatory process."

De Paolis F, Benegiamo M, Prete V.
Techniques and Materials in Implant-Supported Rehabilitation Using Sinus Lift and Simultaneous GBR.
Dental Tribune Italian Edition - June2020; pagg. 28-29.

"In addition to properties such as acellularity, biocompatibility, and resorption capability, bovine pericardium seems to have the additional advantages of easy manipulation and elasticity. Moreover, the cross-linking process improves the stability of collagen matrices without interfering with cell proliferation and angiogenesis. Bovine pericardium has long been used in vascular surgery, for cardiac procedures, and for the reconstruction and repair of valves."

"Results [...] demonstrate the good performance of slow-resorbing bovine pericardium membranes for bone regeneration purposes."
"Bovine pericardium has a bone regeneration capacity similar to PTFE membranes, human pericardium, or fascia lata."

Meloni SM, Melodia D, Tallarico M,Lumbau AMI, Baldoni E, Duvina M, Spano G,Demartis A, Pisan M.
Horizontal And Vertical Computer Guided Bone Regeneration With Slow-Resorbing Bovine Pericardium Membrane: Case Series - Results One Year After Loading. - *Clinical Trials in Dentistry 2022;04(4):12-22; Doi: 10.36130/CTD.04.2022.03.*

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