



ExceFil™

Wound Dressing

• Mechanism

The basement membrane dermal scaffold induces the continuous growth of epithelia cells and fibroblasts, leading to the secretion of the extracellular matrix.



Function

The products serve to protect damaged tissues, guide tissue regeneration, and promote wound healing.

Product Features & Clinical Benefits

1

Natural and Biocompatible Scaffold

Enriched with essential basement membrane components, it provides a non-crosslinked, natural scaffold for superior wound management and guided tissue regeneration.

2

Advanced Healing Support

Basement membrane is rich in numerous collagens and growth factors to promote rapid tissue regeneration.

3

Clinical Diversity

The combination of sheets and particulates are designed for variety of wound types that promotes a conducive healing environment for effective tissue repair.

ExceFil™

Wound Dressing

About Basement Membrane

● Rapid self-repair

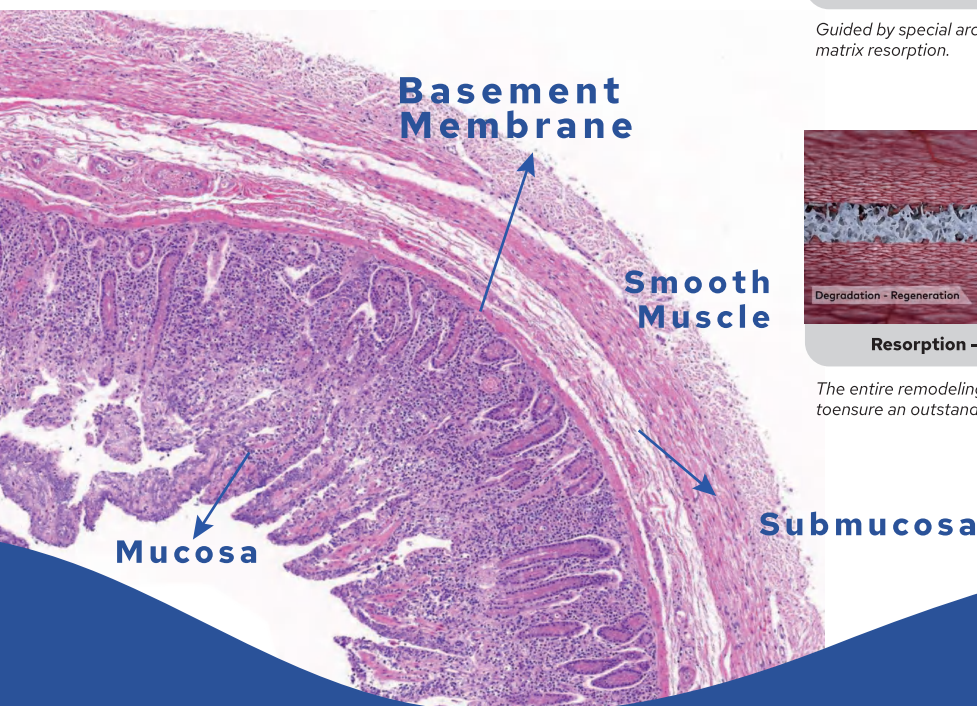
Basement membrane is an extracellular matrix structure that supports the rapid metabolism and self-repair of cells in the body.

● High homologous

Basement membrane exhibits a remarkable structural and compositional consistency across various species, individuals, and different organs.

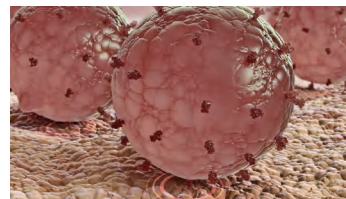
● Biological activity

Basement membrane is rich in bioactive components, which induce rapid proliferation and differentiation in the implantation site, facilitating organized tissue regeneration.

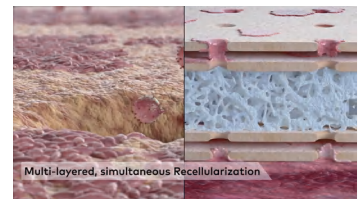


Basement Membrane Technology

● ZR MedTech's ExceBM™ Technology

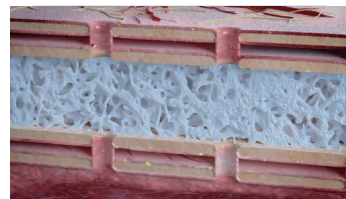


Cell binding

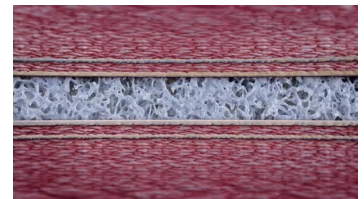


Cell migration

This innovative distinctive regenerative pattern provides an isolated microenvironment at the early stage of the regeneration.

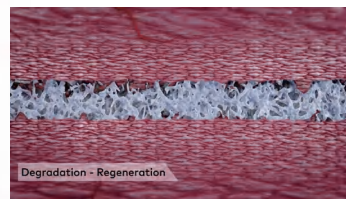


Simultaneous recellularization

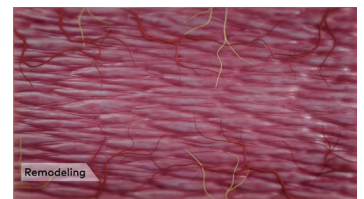


Resorption

Guided by special architecture, multilayers of new cells are quickly reconstructed before the matrix resorption.



Resorption - Remodeling



Remodeling

The entire remodeling processes can be accomplished in created steady-going environment to ensure an outstanding regenerative result.



sunyang@exmed.com



Dr. Yang Sun +86 189 1709 8099



5F,6F,Building G,Lane 1188,
Wanrong Road,Jing 'an District,
Shanghai,China

www.zrmedtech.com