

# GORE® BIO-A® Tissue Reinforcement – FAQs

## What is GORE® BIO-A® Tissue Reinforcement?

GORE® BIO-A® Tissue Reinforcement is a uniquely designed web of biocompatible polymers that is gradually absorbed by the body while its 3D matrix is replaced by vascularized soft tissue. As a synthetic bioabsorbable tissue scaffold, it is not derived from human or animal tissue but engineered for uniformity, consistency, and versatility in soft tissue reinforcement.

## How is this different from a “biologic”?

GORE® BIO-A® Tissue Reinforcement provides a non-permanent scaffold for tissue generation like biologics, but is made of bioabsorbable polymers (67% PGA:33% TMC). Due to its synthetic nature, the product is consistent and uniform with handling characteristics that facilitate placement and no risk of human or animal source contamination. It is easy to use with no operative preparation, such as soaking or stretching, and no refrigeration is required. Without the need for tissue processing, GORE® BIO-A® Tissue Reinforcement is available at an attractive value.

## What is left once the material is absorbed?

Cells infiltrate the 3D matrix and replace the web with vascularized soft tissue at an approximately 1:1 ratio as it absorbs over six months. Histology from animal and human explants indicates the tissue is initially a mix of type I and type III collagen with maturation into primarily type I collagen, reflecting a normal wound healing process.

## In what applications can it be used?

Intended for use in soft tissue reinforcement, examples of applications include hernia repair (in non-load bearing applications), muscle flap reinforcement, suture line reinforcement, and general tissue reconstructions. Common applications include hiatal hernia repair, stoma site reinforcement, hernia repair following infected mesh removal and TRAM flap reinforcement.

## Can it be used in complicated fields?

Clinical use to date includes successful applications following infected mesh removal, during stoma reversal, at sites of known contamination, and in conjunction with vacuum-assisted closure devices. However, leading surgeons recommend always taking steps to reduce bacterial burden before placing any biologic or bioabsorbable product.

## What is the clinical history of this bioabsorbable tissue scaffold?

Gore bioabsorbable technology is backed by 15 years of research and clinical use in numerous parts of the body including the mouth, abdominal wall, colon, stomach, lung, liver, pancreas, and spleen.

## How do I find out more about GORE® BIO-A® Tissue Reinforcement?

Visit [goremedical.com](http://goremedical.com) or contact your local Gore representative.

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