

# INSTRUCTIONS FOR USE

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Product Code



Do Not Use When  
Package is Damaged



Attention, See  
Instructions For Use



Lot Number

**R<sub>x</sub> Only**

Prescription Use Only



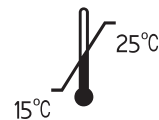
MR Safe



Use By  
Expiration Date



Sterilized Using  
Ethylene Oxide



Temperature Limit



Do Not Reuse



Do Not Resterilize



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400168 Rev F



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S U R G I C A L

# INSTRUCTIONS FOR USE

## GalaFLEX 3DR™

A P4HB Surgical Scaffold – 3D with Rim

### DESCRIPTION

GalaFLEX 3DR scaffold is a bioresorbable surgical mesh manufactured from poly-4-hydroxybutyrate (P4HB™). P4HB is produced from a naturally occurring monomer and is processed into monofilament fibers and knitted into a surgical scaffold. The scaffold has a 3D curvature supported with a P4HB rim designed to promote better conformance with a patient's anatomy in locations in which a flat design does not easily conform. P4HB bioresorbs through a process of hydrolysis and hydrolytic enzymatic digestion. It has been developed to optimize resorption rate and prolong strength retention in order to provide support throughout the expected period of healing. Although the scaffold loses strength with time, its porous construction was designed to allow native tissue ingrowth and gradual transfer of load from the scaffold to the tissue.

Pre-clinical implantation studies indicate that GalaFLEX 3DR scaffold retains approximately 70% of its strength at 12 weeks. Bioresorption of the scaffold material will be essentially complete within 18-24 months. The outer rim may be palpable throughout the expected period of healing.

### INDICATIONS FOR USE

GalaFLEX 3DR scaffold is indicated for use as a bioresorbable scaffold for soft tissue support and to repair, elevate and reinforce deficiencies where weakness or voids exist that require the addition of material to obtain the desired surgical outcome. This includes reinforcement of soft tissue in plastic and reconstructive surgery, and general soft tissue reconstruction. GalaFLEX 3DR scaffold is also indicated for the repair of fascial defects that require the addition of a reinforcing or bridging material to obtain the desired surgical result.

### CONTRAINDICATIONS

None known.

### WARNINGS

1. Device manufacture involves exposure to tetracycline hydrochloride and kanamycin sulfate. The safety and product use for patients with hypersensitivities to these antibiotics is unknown.
2. The safety and effectiveness of GalaFLEX 3DR scaffold in neural tissue and in cardiovascular tissue has not been established.
3. The safety and effectiveness of GalaFLEX 3DR scaffold in pediatric use has not been established.
4. Placement of the scaffold in direct contact with bowel or viscera is not recommended.
5. Because GalaFLEX 3DR scaffold is fully resorbable, it should not be used in repairs where permanent support from the mesh is required.
6. The safety and effectiveness of GalaFLEX 3DR scaffold in laparoscopic surgery has not been established.
7. GalaFLEX 3DR has not been studied for use in breast reconstructive surgeries.
8. If an infection develops, treat the infection aggressively. An unresolved infection may require removal of the scaffold.
9. GalaFLEX 3DR scaffold is supplied sterile. Inspect the device and packaging prior to use to be sure they are intact and undamaged.
10. GalaFLEX 3DR scaffold is for single use only. Do not re-sterilize or re-use any portion of the GalaFLEX 3DR scaffold.
11. Unused scaffold must be discarded according to the institution's procedures for handling of biohazardous materials.
12. Any decisions to explant the scaffold should take into account potential risks associated with a second surgical procedure. Scaffold removal should be followed by adequate post-operative management.

### PRECAUTIONS

Only physicians skilled in appropriate surgical techniques should use this device. Users should be familiar with strength requirements and scaffold size choices for the repair. Improper selection, placement, positioning, and fixation of GalaFLEX 3DR scaffold can cause subsequent undesirable results. No special handling is required prior to use. Prepare as per institutional standards.

### ADVERSE REACTIONS

Possible complications include infection, seroma, pain, scaffold migration, wound dehiscence, hemorrhage, adhesions, hematoma, inflammation, extrusion and recurrence of the soft tissue defect. In pre-clinical testing, GalaFLEX 3DR scaffold elicited a minimal tissue reaction characteristic of foreign body response to a substance. The tissue reaction resolved as the scaffold was resorbed.

### DIRECTIONS FOR USE

GalaFLEX 3DR scaffold is not intended to be cut as the rim enables the 3D curvature to be maintained. If the rim is cut, the mesh may lose its three-dimensional shape and may not conform as readily to the anatomical site. Using aseptic technique, fixation tabs may be cut if desired for each specific application. The scaffold is to be positioned so the contour of the mesh follows the natural contours of the implantation site and its edges extend beyond the margins of the defect. It is recommended that surgical fixation be placed ¼ to ½ inches (6 to 12mm) apart at a distance approximately ¼ inch (6mm) from the edge of the scaffold. The edges are then fixated to assure proper closure under correct tension.

When anchoring the scaffold, use the type of suture that is appropriate for your application. The edges or corners of the scaffold should be fixated with suture such that it lies flat against the tissue of the repair site. The scaffold should be sufficiently anchored without the expectation of stretch, to stabilize it during tissue ingrowth.

### HOW SUPPLIED

GalaFLEX 3DR scaffold is available as a sterile, undyed scaffold of varying widths, lengths and shapes.

### STORAGE

Store at room temperature, 15° to 25°C. Avoid prolonged exposure to elevated temperatures.

### MRI SAFETY INFORMATION

The GalaFLEX 3DR scaffold is MR safe.