

# Avalon Medical

## Innovative Veterinary Surgical Products

### *SIS<sup>plus</sup> Ocular*

Avalon Medical's **SIS<sup>plus</sup>** Ocular offers you all the benefits you've come to expect from an SIS product, including an increased rapid healing response. **SIS<sup>plus</sup>** is a porcine-derived surgical patch intended for tissue repair and reinforcement. The graft is supplied sterile in peel-open packages and is intended for one-time use.

This product is intended for use by trained veterinary professionals.

#### **CONTRAINDICATIONS**

This graft is derived from a porcine source and patients demonstrating sensitivity to porcine derived products should not receive this product.

#### **PRECAUTIONS**

- Do not resterilize. Discard all open and unused portions.
- Disc is sterile if package is dry, unopened and undamaged. Do not use if the package seal is broken.
- Ensure that the disc is rehydrated prior to suturing and stapling.

#### **POTENTIAL COMPLICATIONS**

The following complications are possible with the use of surgical graft materials. If any of these conditions occur, the disc should be removed:

- Infection
- Acute or chronic inflammation (initial application of surgical graft materials may be associated with transient, mild, localized inflammation).

#### **STORAGE**

This graft should be stored in a clean, dry location at room temperature.

#### **SHELF LIFE**

The shelf life of this product is 18 months.

#### **STERILIZATION**

This graft has been radiation sterilized.

#### **USE OF ANTIMICROBIALS**

Because the disc is at times used in surgical fields where sterility cannot be assured, the use of antimicrobials is common practice and may prevent infectious complications.

## **INSTRUCTIONS FOR USE**

These recommendations are designed to serve as a general guideline. They are not intended to supersede typical institutional protocols or professional clinical judgment concerning patient care.

Note: Handle the disc using aseptic technique. Minimize contact with latex gloves.

### **Required Materials:**

- A sterile dish for hydration of graft
  - Sterile forceps
  - Rehydration fluid: at least 50mL of room temperature sterile, isotonic saline
1. Add to the dish at least 50 mL of the rehydration fluid for each disc.
  2. Using aseptic technique, remove the disc's inner pouch from its outer bag.
  3. Open the inner pouch carefully, and aseptically remove the disc with the sterile forceps.
  4. Place the disc into the sterile dish in the sterile field, carefully introducing the material to the surface of the rehydration fluid and allowing it to slowly rehydrate.
  5. Allow the disc to rehydrate for approximately three minutes.
  6. Prepare the surgical site using standard surgical techniques.
  7. Using aseptic technique, trim the disc to fit the site, providing a small (approximately 1 mm) allowance for overlap. **Note:** An alternative method is to trim the disc to size prior to rehydration. If this method is selected, be sure to rehydrate the disc prior to suturing or stapling into place.
  8. Using an aseptic technique, transfer the disc to the graft site and suture into place, avoiding excess tension. **Note:** Surgical experience indicates that a simple interrupted pattern of suturing the material into place is often indicated.
  9. Complete the standard surgical procedure.

## **BANDAGING**

**It is recommended that SIS<sup>plus</sup> is held in place with a nictitating membrane flap, however, professional clinical judgment should be applied.**

Additional dressings should be applied as deemed appropriate by the veterinarian. The SIS<sup>plus</sup> patch should not be removed.

1052 Curve Crest Blvd. • Stillwater, MN 55082

888.289.1890

*Rev. 2/16*