

AMBIO5[®]

Pearls for Success

The following protocol can be used as a “best practices” guideline for practitioners utilizing the Ambio5 and other amniotic membrane products during pterygium surgery.

Addressing the Pterygium site:

- ✓ Meticulously and completely remove the pterygium – including peripheral inflamed Tenon’s capsule
- ✓ Create a “pocket” underneath peripheral host conjunctiva
- ✓ If necessary, apply cautery to stem any and all bleeding
- ✓ Use a burr to clean and smooth out the episcleral bed
- ✓ Dry the surgical site – in preparation for fixation with glue

Creating the graft:

- ✓ Remove the Ambio5 graft from the see-through pouch by holding the “tab” located in the upper left hand corner of the graft with non-toothed forceps. The graft can be then be fashioned accordingly
- ✓ The graft should be sized 2-3 mm larger than the produced defect
- ✓ Optional: mark Ambio5 in package using gentian violet ink pen

Placement and fixation of Ambio5 graft:

- ✓ Remove the fashioned graft from the pouch and place on the patient’s cornea for hydration
- ✓ Hydrate the graft by placing several drops of BSS directly on the graft. Graft should hydrate within 2 minutes
- ✓ Slide the hydrated graft on to the episcleral bed
- ✓ Tuck the peripheral edges of the graft underneath the free edges of host conjunctiva
- ✓ Using a flat tipped cannula, apply 2-3 micro drops of fibrin (blue vial) underneath the AM graft at limbus
- ✓ Using a flat tipped cannula, apply 2-3 micro drops of the thrombin (black vial) underneath the AM graft at limbus
- ✓ Use desired instrumentation with traction and counter-traction to disperse the fibrin/thrombin evenly
- ✓ Wait 2 minutes to allow the glue to properly set and congeal. Do not manipulate the surgical site during this “set” period
- ✓ Following the “set”, shore up any poorly fixated areas with micro-drops of both fibrin and thrombin

