

BIO-TISSUE PRODUCT PORTFOLIO

Bio-Tissue, Inc. offers cryopreserved umbilical cord and amniotic membrane human birth tissue-based products. A cornerstone of Bio-Tissue's platform technology, the HC-HA/PTX3 complex, is a key component responsible for the tissue's therapeutic mode of action on the ocular surface. Cryopreservation using proprietary CryoTek[®] processing can preserve the HC-HA/PTX3 complex component significantly better than dehydration preservation processes.¹ Bio-Tissue offers four product lines:

- PROKERA[®] is a biologic corneal bandage comprised of either a single or double layer of cryopreserved amniotic membrane positioned between an inner and outer ophthalmic conformer ring. It is inserted between the eyeball and the eyelid to maintain space in the orbital cavity and prevent closure or adhesions, modulate inflammation and related pain, and promote regenerative epithelial healing.
- AmnioGraft[®] is a biologic ocular transplantation graft comprised of cryopreserved amniotic membrane. It is transplanted onto the damaged ocular surface and sutured into place to facilitate wound healing.
- AmnioGuard[®] is a biologic ocular transplantation graft comprised of cryopreserved amniotic membrane for use of tectonic support to strengthen the cornea, conjunctiva, tenon's capsule, or sclera.
- Cliradex[®] cleansers contain 4-terpineol – an ingredient found in tea tree oil. Cliradex is available as a towelette or foam cleanser for lid, lash, and facial cleansing to provide symptomatic relief from Demodex, blepharitis, dry eye disease, and rosacea.

PRODUCT	DESCRIPTION	INDICATIONS
AmnioGraft	Cryopreserved amniotic membrane matrix	For use on the ocular surface to exert anti-inflammatory, anti-scarring and anti-angiogenic actions.
AmnioGuard	Cryopreserved umbilical cord and amniotic membrane matrix	For use as tectonic support to strengthen the cornea, conjunctiva, tenon's capsule, or sclera.
PROKERA	Single layer of amniotic membrane positioned between an inner and outer ophthalmic conformer ring	For use in eyes in which ocular surface cells are damaged or underlying stroma is inflamed or scarred.
PROKERA Plus	Double layer of amniotic membrane positioned between an inner and outer ophthalmic conformer ring	For use in eyes in which ocular surface cells are damaged or underlying stroma is inflamed or scarred.
PROKERA Slim	Single layer of amniotic membrane positioned between an ophthalmic conformer ring and a band	For use in eyes in which ocular surface cells are damaged or underlying stroma is inflamed or scarred.
PROKERA Clear	Single layer of amniotic membrane positioned between an ophthalmic conformer ring and a band with a 6mm central aperture	For use in eyes in which ocular surface cells are damaged or underlying stroma is inflamed or scarred.
Cliradex	Natural, preservative-free lid and lash towelette cleanser	For relief from irritation, swelling, burning, itchiness or irritation, heavy crustiness, dry/flaky skin, or excessive tearing.
Cliradex Light	Natural, preservative-free lid, lash and facial foaming cleanser	For relief from irritation, swelling, burning, itchiness or irritation, heavy crustiness, dry/flaky skin, or excessive tearing.

1. Cooke M, Tan EK, Mandrycky C, He H, O'Connell J, Tseng SC. Comparison of cryopreserved amniotic membrane and umbilical cord tissue with dehydrated amniotic membrane/chorion tissue. *J Wound Care* 2014; 23: 465—76.