



# AMBIODISK

For several decades, ophthalmologists throughout the world have used amniotic membranes to treat a variety of disorders and condition, with over 40,000 implants to date without any adverse events associated with the tissues. The AmbioDisk has been used safely and effectively since 2001. The cost for this in-office procedure is \$1600 per eye.

## AMBIODISK



## Patient Information

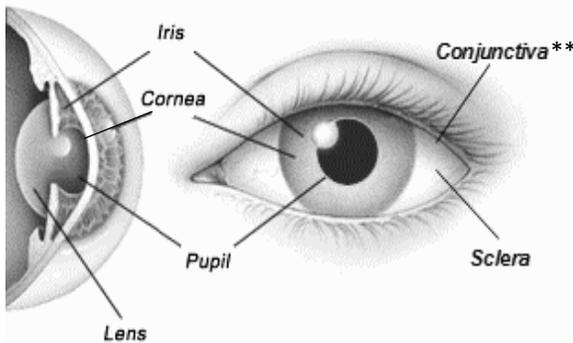
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Eyes treated with the AmbioDisk heal quicker, have less pain, less scarring, and less inflammation. There have been over 40,000 implants to date without any adverse events associated with the tissues.

## What is the AmbioDisk?

The AmbioDisk is a thin and light-weight tissue graft made from dehydrated amniotic tissue. It is designed to help protect, heal and repair damaged eye surfaces. Amniotic tissue is the thin tissue that lines the amniotic sac during pregnancy. All tissues are donated by consenting mothers after cesarean section births and are tested against any infectious diseases prior to donation. The membrane is treated with broad-spectrum antibiotics immediately after collection and then dehydrated. The AmbioDisk must be rehydrated in the office, but can be kept at room temperature rather than frozen. The disk retains the growth and healing factors from the amniotic sac during this process.



*\*\*The conjunctiva is the mucous membrane that covers the front of the eye and lines the inside of the eyelids.*

*Please feel free to speak with one of our eye doctors for more information or if you have any questions!*

## What Do You Use It For?

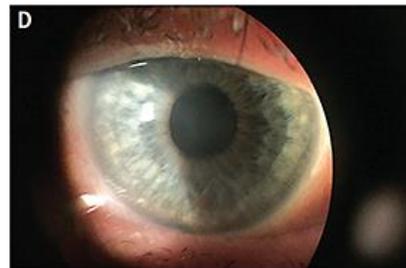
AmbioDisk is often used as part of a treatment regimen to successfully combat ocular surface diseases and disorders that affect the front surfaces of the eyes.

The following are a few examples:

- Corneal Abrasions
- Corneal Erosion
- Ulcers
- Dry eye
- Keratopathy
- Corneal inflammation or keratitis
- Chemical and thermal burns
- Salzmann's nodular degeneration
- Pterygia



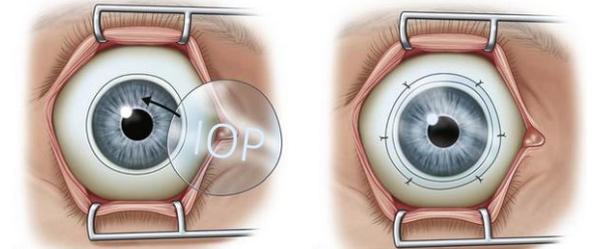
*Corneal scarring, stained for visualization. Before Treatment*



*Two months after amniotic membrane graft.*

## Placement

This particular disk is sutureless and can be applied easily in office. Our doctors will retract the lids and place the disk on the surface of the eye followed by saline to rehydrate. They will then place a "bandage" contact lens over the top of the disk to cover the membrane. Typically, the disk dissolves and any excess can be removed by the eye doctor after 5-7 days. Times can vary from patient to patient.



Patients generally tolerate the AmbioDisk very well, with only occasional irritation. Small air bubbles and folds may be noted, as well as the opacity of the graft, which will cause blurry vision temporarily. This typically resolves after 1-2 days when the graft smooths and begins to dissolve.

When placed on the eye, amniotic tissue acts as a physical barrier to protect the conjunctiva and cornea while it heals, and it reduces pain caused by friction of the eyelids over the surface of the eye. Amniotic tissue promotes the growth of cells and reduces inflammation. It may even decrease the risk of infection through its antimicrobial properties, though this is still being researched.