

DRY EYE OVERVIEW

MEIBOMIAN GLANDS

Meibomian gland dysfunction (MGD) is a common condition that affects up to 86% of people. MGD affects the meibomian glands in the eyelids, which are responsible for producing the oily layer of the tear film that keeps the eyes lubricated and prevents evaporation of the tears. When the meibomian glands become blocked or damaged, the quality and quantity of the oils they produce can be compromised, leading to dry, irritated, and inflamed eyes. MGD is a chronic condition that can be managed with various treatments, including warm compresses, lid hygiene, and prescription medications. If left untreated, MGD can lead to more severe complications, such as corneal damage, vision loss and atrophy of the glands itself.

SOLUTION

Lid Debridement

The procedure involves using a specialized tool to remove debris, crusts, and bacterial biofilms from the lid margin and around the base of the eyelashes. By removing this buildup, the bacterial load is reduced and the openings of the meibomian glands are cleared, allowing for better secretion of oils and improved function.

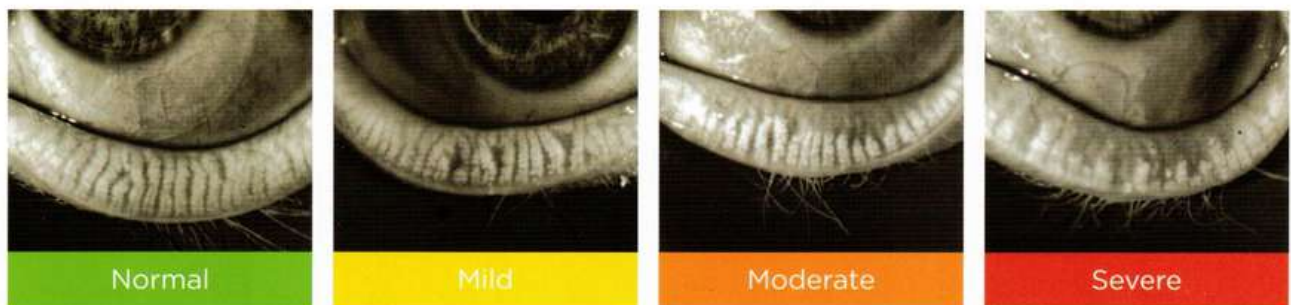
Warming the glands

This procedure involves applying a warming device to the eyelids to warm the meibomian glands to a minimum of 109°F in order to soften the oils inside, making them easier to express. The heat also helps to improve blood flow and reduce inflammation in the eyelids.

Expression

An anesthetic drop will be instilled in both eyes and a specialized instrument may be used to gently express the oils from the meibomian glands located along the eyelids. Normally the oils should be thin and transparent similar to baby oil; however, the secretion can vary from patient to patient. Generally speaking, patients that suffer from MGD have thicker secretions that can be cloudy, viscous, cheesy or toothpaste-like.

Gland Structure:



DRY EYE SERVICES

ZEST

ZEST (Zocular Eyelid System Treatment) is an okra-based solution applied with a micro sponge applicator to softly exfoliate any dead cells, debris, or biofilms that accumulate on the lid margins and contribute to inflammation, infection, or irritation. ZEST gel is applied to the edge of the eyelids and lashes, and then massaged into a lather with a gentle circular motion. Once the eyes are washed, a saline solution removes the gel. ZEST gel works to lift and clean oil, debris, and residue along the eyelid edge. The polysaccharides found in okra plants are a gentle and effective cleanser.

TEARCARE

The TearCare System is a medical device that delivers heat to your eyelids to help unblock the glands that make the oily layer. The TearCare device will be attached to the outside of each of your 4 eyelids and your temples. These devices will deliver heat to your eyelids for 15 minutes. Manual expression will be done to unblock the oil glands and to remove the buildup in your eyelids.

OPTILIGHT (IPL)

This non-invasive procedure is the first and only FDA-approved Intense Pulse Light (IPL) treatment that alleviates dry eye symptoms by precise light pulses below the eyes. Benefits include increased tear break-up time, reduced demodex mites, eliminated inflammation-contributing vessels, and improved gland functionality. Other benefits include strengthening collagen in the skin as well as treating age spots, redness, fine lines, and wrinkles. Patients report improvement, after 2-3 treatments however 4 sessions are recommended for optimal results. Maintenance every 6-12 months ensures long-term results. Patients who benefit from IPL include those with dry eye disease, blepharitis, MGD, ocular rosacea, styes/chalazions.

OPTIPLUS (RF)

Innovative, FDA-cleared, dual frequency Radio Frequency (RF) technology can target meibomian glands and precisely reach different skin layers to enhance blood circulation and collagen production. Unique monopolar application enhances patient safety and comfort with a unique monopolar electrode that ensures optimized contact with every delicate curve in the peri-orbital area. Treatments are recommended in 4 sessions and work synergistically with OptiLight.

DRY EYE MENU

PRODUCTS

BRUDER MASK

\$30 plus tax

The reuseable compress delivers an effective moist heat treatment. Simply microwave for 20-25 seconds and apply for 8-10 minutes. The compress helps stabilize the tear film, improves oil gland function and slows tear evaporation.

WIZARD MASK

\$100 plus tax

This electric-heated and temperature-controlled device predominantly targets the Meibomian glands. It combines heat therapy with temperature controls to naturally secrete oils from the blocked glands.

OCUSOFT LID SCRUB

Original - \$14 plus tax

Plus - \$24 plus tax

This mild, non-irritating formula is a surfactant-based cleanser (not a detergent) used on the outer eyelid and lid margins and works by removing excessive oil, debris and other material from the eyelids.

RETAINÉ MGD TEARS

\$25 plus tax

Retaine MGD is an ophthalmic emulsion with a lipid replenishing formula that utilizes electrostatic attraction to stabilize the tear film and protect against moisture loss.

DRY EYE MENU

TREATMENTS

ZEST

Single Session - \$175

TEARCARE

Single Session - \$850

2-Pack Bundle - \$1500

\$1350 savings

OPTILIGHT (IPL)

Consultation - \$100

Single Session - \$550

4-Pack Sessions - \$1850

\$350 savings

Completion Pack (6mo/1yr) - \$900

\$200 savings

OPTIPLUS (RF)

Consultation - \$100

Single Session - \$500

4-Pack Sessions - \$1200

\$800 savings

Completion Pack (6mo/1yr) - \$800

\$200 savings

ESSENTIAL

\$2850

4 - IPL SESSIONS

4 - RF SESSIONS

\$1350 savings

STANDARD

\$3200

4 - IPL SESSIONS

2 - TEAR CARE SESSIONS

\$700 savings

PREMIUM

\$3500

4 - IPL SESSIONS

4 - RF SESSIONS

2 - FOLLOW UP APPTS

1 - WIZARD MASK

\$1900 savings