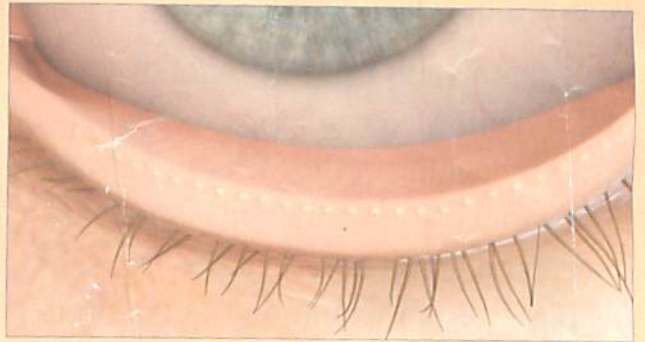


If You Experience
Itchy Eyes, Lid
Tenderness Or
Consistent Pain
Of The Eyelid Or
Dry Or Burning
Eyes In General,
Ask Your
Doctor About
Meibomian
Gland Probing
And Set Up An
Appointment For
An Examination
Today.

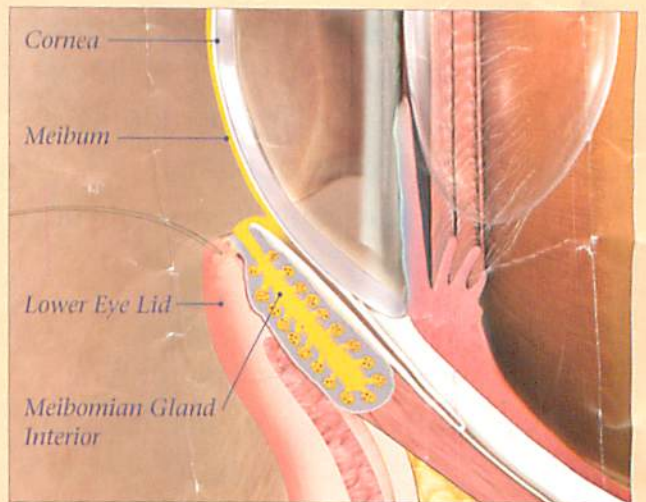
Meibomian Gland Dysfunction & Dry Eye

What is Meibomian Gland Dysfunction?

Meibomian Gland Dysfunction or (MGD) is by far a major reason for Dry Eye. People's eyelids have small glands near the base of the eyelashes. These are the Meibomian Glands. They secrete meibum, an oily substance that floats on the eye tears. (See illustration 1 & 2)



1- Meibomian Surface Glands in a healthy lid.



2- Cross section of a healthy lower lid Meibomian Gland, with normal meibum flow (represented in yellow) onto the corneal surface.

This keeps tears from evaporating to quickly and adds extra lubricant to the eye surface. If Meibomian Gland secretions are interrupted, over time, this can cause Dry Eye with sensations of burning, itching, lid puffiness and swelling and lid tenderness that may be very painful.

Go to www.dryeye.me for more information



Elevating The Quality Of Care In Ophthalmology
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What Causes MGD

Meibomian Glands for various reasons get blocked. Environmental conditions including, airborne chemicals, debris or direct injury may cause a fibrotic band or scar at the lid level exits of one or more glands. (See illustration 5 & 6) Other factors that interfere with Meibomian Gland function can be age, health, life style and an array of medications. Millions of people are affected globally every year, most over the age of 40, and especially women during menopause.

Immediate, Long Lasting Relief of Dry Eye

The Maskin™ MGD probing procedure is an invasive opening of the Meibomian Glands in dysfunction, restoring the natural flow of meibum to the surface of the eye, relieving pressure and symptoms of this condition.

The Maskin™ MGD Probing Procedure

A thorough examination of the eyelids is performed including a key questionnaire regarding a MGD condition. After the exam the procedure can take place if your condition qualifies.

Step one:

The lids are anesthetized with numbing drops and ointment for patient comfort.



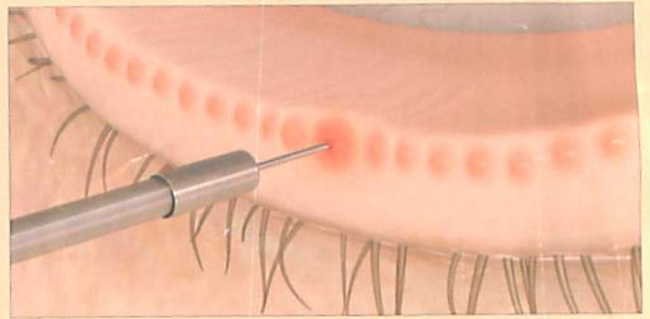
3- Numbing Drops



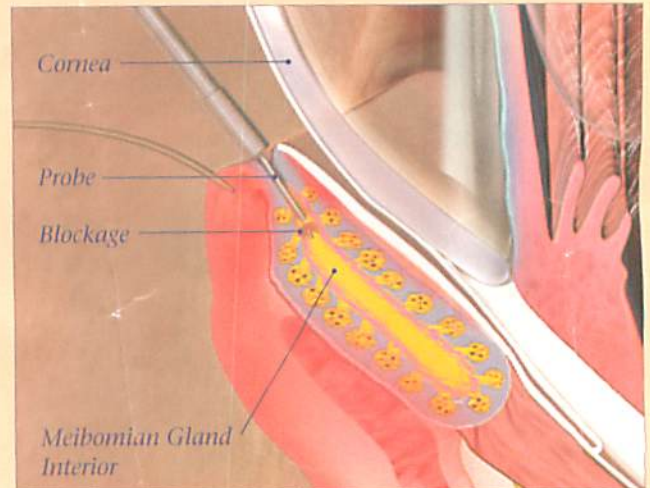
4- Numbing Ointment

Step Two:

The Physician uses micro probes to route out a blocked up or scared gland. (See illustration 5 & 6) This will take a few minutes in the examination room surroundings.



5- Probe penetrating a blocked swollen Meibomian Gland.



6- Cross section of the lower lid Meibomian Gland being unblocked with a probe. Notice the swelling of the gland and surrounding tissue, which leads to lid tenderness.

If necessary a delivery of a special pharmaceutical may be delivered through a micro tube to aid in the healing process.

Step Three:

Immediate relief to some degree in most cases. A follow-up procedure may be necessary in some extreme cases. In most cases relief lasts 3 to 6 months on average before a re-treatment is needed, if any.

Meibomian Gland Dysfunction, if left untreated may result in damage to the eye. Compared this to the family car, if no oil flows in between the metal parts, very soon the motor will breakdown from lack of lubrication. Symptoms might be overheating and noise coming from the engine compartment and or loss of power. Damage to the eye surface may happen in the same way causing inflammation, and vision impairment.

