### WHAT IS MEIBOMIAN GLAND DYSFUNCTION (MGD)?

When the tiny glands in your eyelids don't secrete enough oil into your tears, this is called Meibomian Gland Dysfunction, or MGD.

Meibomian glands produce the oily tear film needed to prevent the watery part of your tears from evaporating. When this function is not working well, your eyes may feel dry.

#### **WHAT CAUSES MGD?**

A number of conditions can lead to changes in the structure or function of the glands, known as MGD. If left untreated, MGD can become progressively worse over time.

#### "NOT ENOUGH TEARS" VS MGD\*

Dry Eye Disease is rarely due to a lack of the watery part of your tears. A clinical study showed that 86% of dry eye patients have MGD.<sup>1</sup>

\*Meibomian Gland Dysfunction

## **GET YOUR MEIBOMIAN GLANDS FUNCTIONAL BEFORE SYMPTOMS ARISE**

Keeping the function and structure of your Meibomian glands healthy before you become symptomatic is key, as MGD progresses over time. The **TearScience**° **LipiFlow**° treatment can remove the blockages in the Meibomian glands necessary to allow the oil to flow.

#### **CONDITIONS THAT CAN CONTRIBUTE TO MGD**



Computer/



watching TV







Eye surgery



Poor blinking





Glaucoma and chronic eye diseases



Makeup that can clog glands3

Eye infections

(such as styes)2



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# WHAT DO MEIBOMIAN GLANDS LOOK LIKE?



Normal gland structure



Shortened glands & gland loss



Significant gland loss

Images for illustrative purposes only. Actual results may vary.

As seen in the top photo of this high-definition image, your glands are in good shape and there are 20-30 glands in your lower eyelid. The other two photos show the deteriorating process of Meibomian gland loss.



MGD is a prevalent, chronic, and progressive disease that gets worse over the time if it goes untreated.<sup>4,5</sup>

## PLAN A SIMPLE SCREENING AND MGD TREATMENT WITH YOUR DOCTOR

Finding out if you have Dry Eye Disease is an easy process, which involves completing a simple questionnaire.

If Dry Eye Disease is diagnosed, a routine evaluation of the Meibomian glands involves a quick photograph of the eyes, called anterior segment imaging (above).

If you are diagnosed with MGD, there's something you can do about it.

Early detection and treatment are key to minimizing its long-term effects.

# THE TEARSCIENCE® LIPIFLOW® SYSTEM: WHAT TO EXPECT FROM TREATMENT

An initial anesthetic eye drop is followed by drug-free treatment, which consists of applying heat and gently massaging the meibomian glands, to get the trapped oil to be released.

The automated treatment helps clear the gland obstruction and restore function.<sup>6</sup>

# READY TO TREAT THE UNDERLYING CAUSE OF YOUR DRY EYES?

If you currently have MGD symptoms or don't have any symptoms, talk to your doctor about how **TearScience**° **LipiFlow**° treatment can benefit your eyes.

# MGD? TALK TO YOUR DOCTOR ABOUT TEARSCIENCE® LIPIFLOW®

- > After initial anesthetic drops, no drugs required for **TearScience**° **LipiFlow**° treatment
- > Efficient, in-office treatment<sup>7</sup>
- ➤ Long-lasting results—many can see the continued benefit up to 12 months<sup>8</sup>
- ➤ No pain and/or discomfort reported for the vast majority of patients
- ➤ 400,000 treatments worldwide—and growing<sup>9</sup>

#### WHAT TO EXPECT AFTER TREATMENT

Results with **TearScience**° **LipiFlow**° can be experienced 6-8 weeks after treatment and may vary depending on the level of severity of MGD.<sup>7</sup> Because **TearScience**° **LipiFlow**° treats MGD, Dry Eye Disease symptoms are not expected to fully resolve with **TearScience**° **LipiFlow**°. Dry Eye Disease is a multifactorial condition and may require additional treatment. Be sure to talk to your doctor about what's right for you.

A treatment for your eyelids, this comfortable and effective lid massage is typically done while resting in a chair in your doctor's office.

As with any medical procedure, risks and potential complications may occur. Please consult your eye care specialist for detailed information and to discuss these possible risks and complications with you prior to the procedure.

