

The community has trusted Advanced Eyecare with their vision needs for over 25 years, and now you can trust us with your skincare needs in our Aesthetics department. With the newest technology, Dr. Tim and Dr. Cheryl, offer a wide range of services to address dry eye and various skin conditions. These services and products include:

IPL Optilight for dry eye issues

Photofacials for attention to sun damage and age spots, as well as rosacea and redness

Microneedling promotes collagen and elastin production; as well as improving the skin's smoothness, firmness, and tone

SmoothGlo is a sequential treatment (IPL and microneedling) that targets aging skin and improves tone, texture, and volume

Chemical Peels to improve the skin's texture and tone by exfoliating and stimulating new cell growth and turnover

TriLift, the hottest new technology that utilizes Dynamic Muscle Stimulation to achieve an effect similar to a face lift without surgery or down time

AlumierMD skincare products which are medical grade skincare products that use clean, scientifically-based, high performing ingredients that help produce exceptional results with our treatments

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AND AESTHETICS
FOR INFORMATION
OR TO SCHEDULE A
CONSULTATION AND
IPL TREATMENTS.**



**ADVANCED
EYECARE**
AND AESTHETICS
THE EYEWEAR GALLERY

**Dr. Cheryl Ziegler
Dr. Timothy Ziegler**

**300 E. Mill Street
Plymouth, WI 53073**

920-893-8474



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**DRY EYE TREATMENT
INTENSE PULSED LIGHT (IPL)**

WHAT IS MEIBOMIAN GLAND DYSFUNCTION (MGD)

MGD is a common eye condition, yet many people don't realize they have it. You develop it when there's a problem with the tiny glands in your eyelids that help make the oil layer in your tears. This oil layer helps prevent the water layer of the eye surface from evaporating or drying out too quickly.

When MGD progresses, your eyes may burn, itch, or be irritated or dry. It might feel like you have a grain of sand or dust in your eye. Some people have moments of blurred vision that improves when they blink.

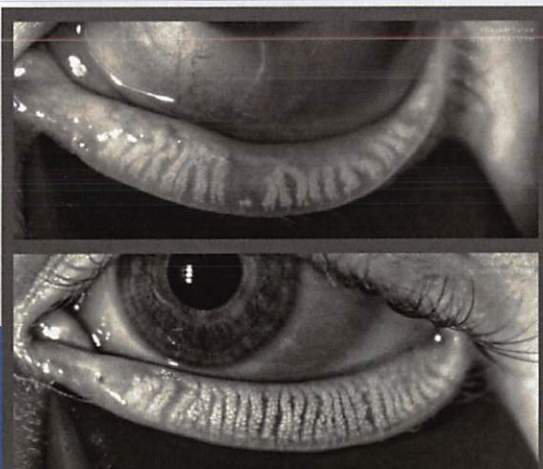


FIGURE 1 | TOP: Truncated meibomian glands alter the tear film and can ultimately cause damage to the ocular surface if left untreated. BOTTOM: Normally functioning meibomian glands secrete oil which prevents the tear film from evaporating. (Photos courtesy of TearScience)

WHAT IS INTENSE PULSED LIGHT (IPL) TREATMENT FOR DRY EYE?

IPL treatment uses pulses of light to treat a common cause of dry eye—meibomian gland dysfunction. It liquifies hardened oil that can plug the gland, clearing it and stabilizing the tear film. It also kills bacteria, mites, and decreases inflammation by closing abnormal blood vessels.

The combination of inflammation, plugged meibomian glands and bacteria or mites can cause an unstable tear film. In turn, this can lead to irritation, itching, blurry vision and swollen eyelids.



HOW DOES IPL TREATMENT FOR DRY EYES WORK?

An eye doctor uses a device that pulses light over the skin around the eyes. This is a broad band of light, so it is not as harsh on the skin as a laser, which is a narrow focused beam of light. IPL treatments address the issues commonly seen in dry eyes. It does this by working on several different aspects of the condition:

1. warms up hardened oil plugging the meibomian gland, oil which prevents the tear film from evaporating
2. decreases inflammation by closing up abnormal blood vessels
3. eliminates eyelash mites (Demodex) and bacteria that infect the eyelids and meibomian glands
4. promotes collagen synthesis at the cellular level
5. adjusts the concentration of tears to more normal levels

