

# OPTASE<sup>®</sup>

## OMEGA VISION



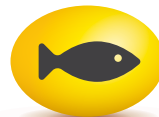
A High EPA & DHA Omega-3 Supplement for Dry Eye Disease, Blepharitis & MGD



High EPA & DHA  
levels to benefit  
eye health



Optimum  
Absorption Fish  
Oil - rTG



No fishy or  
unwanted  
aftertaste



SCOPE



# MGD\* has been shown to be the leading cause of Dry Eye Disease and Blepharitis.<sup>1</sup>

9 in 10

In a clinical study of Dry Eye Disease patients, **9 out of 10** individuals were shown to suffer from the evaporative form of DED.<sup>2</sup>

69%

MGD has been shown in population-based studies to have a **prevalence of up to 69%** in patients over the age of 40.<sup>1</sup>


③

Dietary supplementation with omega-3 fatty acids have been recommended as **primary therapy** for DED, Blepharitis and MGD.<sup>1,3</sup>

8 in 10

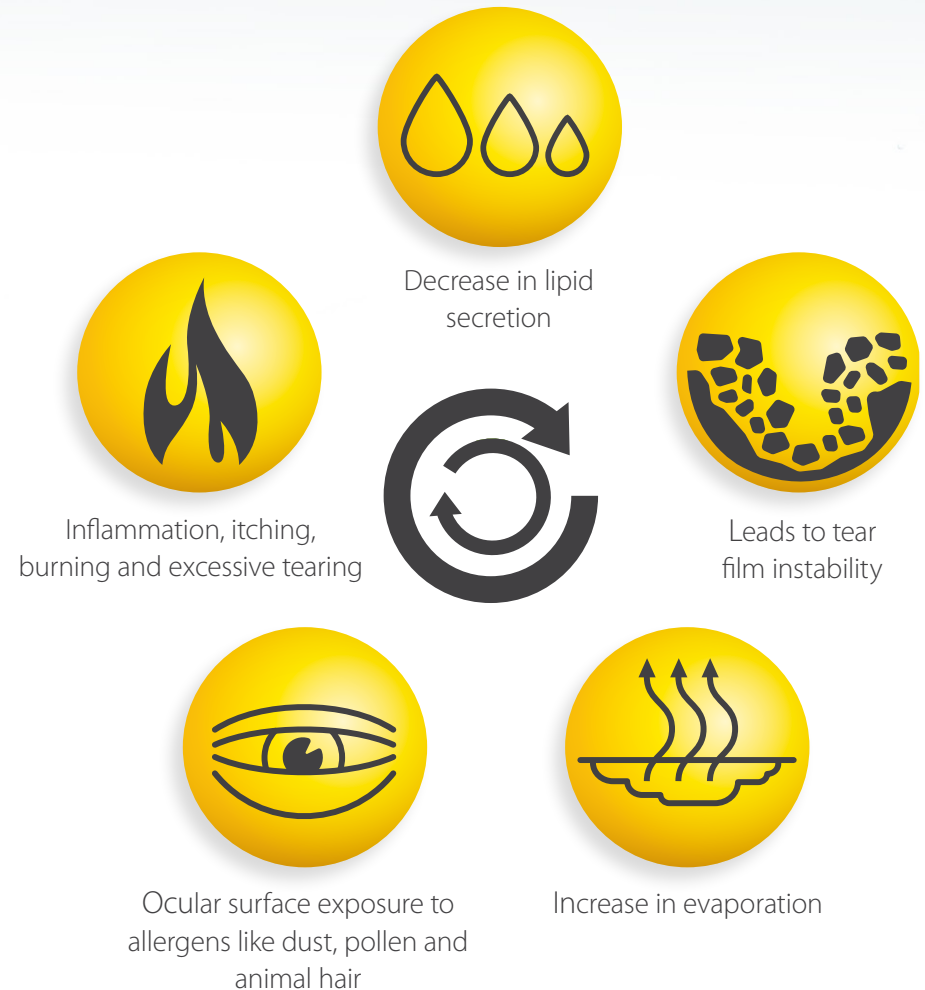
**8 in 10** practices refer patients to High Street Omega 3 suppliers.<sup>4</sup>

\*Meibomian Gland Dysfunction (MGD)



MGD is associated with altered lipid composition which contributes to evaporative DED<sup>1</sup>

Typically MGD Patients Experience a Cycle of Inflammation.

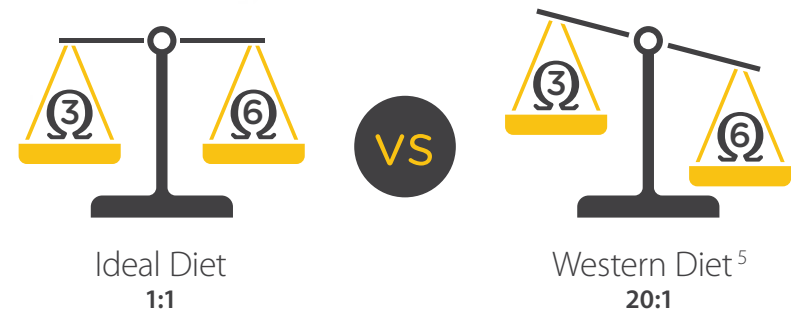


# The Role of Omega-3 in MGD

Omega-3 and Omega-6 fatty acids are essential to good health but cannot be synthesized by the body and so they must be obtained from the diet.

Both essential fatty acids (EFA) have a role in to play. Omega 6's are pro-inflammatory whereas Omega 3's have anti-inflammatory properties.

For general health, there needs to be a balance.



## Omega Imbalance (excess Omega-6:Omega-3)

- causes the meibum to become thick, viscous and inflamed<sup>6</sup>
- causes the Meibomian Glands to become blocked<sup>6</sup>
- prevents the production of the lipid layer<sup>6</sup>

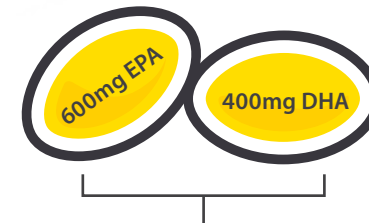
Without the lipid layer, the aqueous layer evaporates, causing the ocular surface to become irritated (red, dry, scratchy, i.e. dry eye)



# The proven benefits of Omega-3 in improving symptoms of Dry Eye Disease

- In Clinical Studies, doses of 360mg EPA and 220mg DHA have demonstrated beneficial effects in alleviating DED symptoms.<sup>7,8</sup>
- Taking Omega-3 supplements may help produce a more uniform lipid layer resulting in a restored tear film and decrease in evaporation.<sup>7</sup>

OPTASE® Omega Vision



**1g Omega-3 (EPA and DHA)**

2 softgels daily deliver an effective dry eye dose.<sup>7,8</sup>



Supplementing the diet with 1g of Omega-3 EPA and DHA<sup>7</sup>:

- ✓ Improves Tear Break Up Time by 71%
- ✓ Decreases OSDI\* by 26%
- ✓ Increases Schirmer's Score by 22%

*\*Ocular Surface Disease Index (a commonly used tool for diagnosing dry eye disease)*

**OPTASE®** OMEGA VISION





# Specialised Manufacturing

OPTASE® Omega Vision has been manufactured using a specialised process to deliver a **re-esterified Triglyceride (rTG)** form of Omega-3 fish oil which studies have shown to have **higher bioavailability\*** and **better absorption** than the Ethyl Ester form of Omega-3 oil.<sup>9</sup>

\*Bioavailability refers to the proportion of a dose that reaches the systemic circulation after its administration



## The manufacturing process:



Fish are pressed, producing unpurified (Triglyceride) Omega-3 oil



The oil is purified using heat and alcohol (esterification)



Purified Omega-3 oil is produced which now contains alcohol. This Ethyl Ester form of Omega-3 oil is poorly absorbed by the body<sup>6</sup>







The alcohol is removed through re-esterification



OPTASE® Omega Vision is purified, free of alcohol and toxins, and contains high levels of EPA & DHA



## What this means for your patient?

-  High EPA and DHA levels benefit eye health
-  Specialised manufacturing process provides optimum absorption Omega-3 oil
-  Absence of alcohol means OPTASE® Omega Vision leaves no fishy or unwanted aftertaste
-  Taking 2 softgels daily delivers an effective dry eye dose



**OPTASE®** OMEGA VISION





# Best Practice Eye Care Regime<sup>3</sup>

## HEAT



With **OPTASE® Moist Heat Mask**

## CLEANSE



With **OPTASE® Tea Tree Oil Lid Wipes**

## HYDRATE



With **OPTASE® Eye Spray** or **Hycosan® Eye Drops**

## SUPPLEMENT



With **OPTASE® Omega Vision**

# Product Overview

OPTASE® OMEGA VISION	FEATURES (Per serving size: 2 softgels)
Presentation	60 softgels in Blister Packs
Composition	600mg EPA, 400mg DHA, 200mg other omega 3 fatty acids
Recommended Use	DED, Blepharitis, MGD
Supply	30-day supply

## References:

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2. Lemp MA et al. Distribution of aqueous-deficient and evaporative dry eye in a clinic-based patient population. Cornea. 2012 May;31(5):472-8
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4. Scope Research. Data on file 2017
5. Simopoulos AP. An Increase in the Omega-6/Omega-3 Fatty Acid Ratio Increases the Risk for Obesity. Nutrients. 2016;8(3):128. doi:10.3390/nu8030128.
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8. Bhargava R, Kumar P. Oral omega-3 fatty acid treatment for dry eye in contact lens wearers. Cornea. 2015 Apr;34(4):413-20. doi: 10.1097/ICO.0000000000000386.
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