Optegra
EYE HEALTH CARE

Light Modulation Low-Level Light Therapy for Dry AMD



What is Dry Age-Related Macular Degeneration (Dry AMD)?

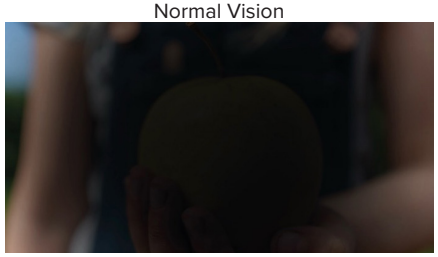
Dry Age-Related Macular Degeneration (Dry AMD) is a common eye condition that mainly affects people **over the age of 50**.

It affects the **macula**, the central part of the retina responsible for sharp, detailed vision. As the condition progresses, the cells in the macula gradually become damaged, which can lead to **a loss of central vision** over time affecting many everyday activities.

Dry AMD is one of the **leading causes of vision loss in older adults** and affects hundreds of thousands of people across the United Kingdom.



Normal Vision



Macular Degeneration

What is eye-light® photobiomodulation therapy?

Until now, management of Dry AMD has primarily focused on lifestyle adjustments and dietary changes. At Optegra, we are now pleased to offer a **non-invasive** and **painless** treatment option for Dry AMD. eye-light® is a non-invasive therapy based on photobiomodulation (PBM), designed to support retinal cell function and overall retinal health in patients with Dry AMD.

How Dry AMD gradually leads to deteriorating vision

Common symptoms may include:

- **Gradual loss of central vision**
- **Difficulty with reading and detail perception**
- **Driving difficulties**
- **Reduced depth perception**
- **Increased sensitivity to light and glare**
- **Need for brighter lighting**

How does eye-light® LLLT/PBM technology work?

eye-light® uses two different LED wavelengths to stimulate retinal cells, increasing cellular energy production and helping to slow retinal degeneration. By supporting cellular health, the treatment contributes to the maintenance of optimal retinal function. The therapy is administered using comfortable eye masks positioned over the eyes.

Who is suitable for the eye-light® treatment?

eye-light® may be suitable for patients with Dry AMD, particularly in the early and intermediate stages of the condition. At Optegra, a specialist retinal assessment and advanced imaging will help determine whether eye-light® photobiomodulation therapy is the right treatment option for you.

What will happen when I come for eye-light® treatment?

The treatment is delivered in a clinical setting using a combination of two comfortable **light masks**, delivering **yellow and red light**, with both eyes treated at the same time. The treatment is **simple**, **painless**, and does not require any active participation from the patient.



Before treatment, you will be asked to remove glasses or contact lenses. You will be comfortably seated with your eyes closed for most of the treatment period, while wearing first the yellow and then the red light mask. The session only lasts around **12 minutes** and is carried out under clinical supervision.

During and after treatment

The procedure is painless and generally well tolerated, with patients likely to feel mild warmth around the eyes during the session.

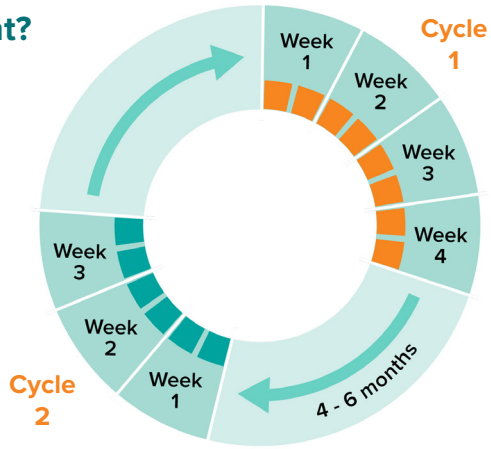
After treatment, temporary light or colour sensations may occur but usually resolve within minutes, with no impact on daily activities. Treatment is scheduled according to the clinician's recommendation and can be adjusted if a session is missed.

How often will I need treatment?

The complete Dry AMD treatment programme is structured in two cycles.

Cycle one consists of eight sessions delivered twice weekly over four weeks.

Cycle two is performed four to six months after the first, comprising six sessions delivered twice weekly over three weeks.



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