

Dry Eye Disease: The Vital First Steps Before Eye Surgery

Before having cataract surgery or laser vision correction (LVC), it's important to treat any underlying dry eye condition to ensure the best possible results. At EyeHub we adopt a comprehensive and technology-driven approach to assess and manage conditions such as dry eye before proceeding with any general surgery or vision correction procedure.

Dry eye disease is a common yet often overlooked condition that affects the quality of the ocular surface and, in turn, the quality of vision. If left untreated, dry eye can reduce the precision of laser surgery and impact recovery. For this reason, EyeHub prioritizes identifying and treating dry eye early in the patient journey.

A key component of the clinic's diagnostic process is the use of the MS-39 anterior segment topographer. This advanced imaging tool maps the surface of the eye in fine detail, allowing for accurate diagnosis of tear film instability, meibomian gland dysfunction, and other factors contributing to dry eye. This data enables our surgeon to tailor a specific management plan for each patient, improving comfort and stability before eventual surgery.

Evidenced based treatments such as IRPL (Intense Regulated Pulsed Light) therapy, which targets the eyelid glands responsible for producing the lipid layer of the tear film are included as part of a holistic solution. This treatment helps restore natural tear function, reduce inflammation, and improve overall ocular surface health. Combined with personalised at-home care strategies, these therapies form the foundation of dry eye rehabilitation.

Patients who complete this dry eye optimization process are more likely to experience clear, lasting results from Cataract or LVC procedures such as LASIK or PRESBYOND. A stable tear film improves both surgical precision and visual comfort.

EyeHub's integrated dry eye and refractive surgery program ensures that every patient is thoroughly prepared before surgery, supporting the best possible outcomes.

To learn more or to book an assessment, visit www.eyehub.net.au or email laser@eyehub.net.au.