

## Dry Eye Analysis Medmont Meridia

Dry eye is a common condition that occurs when your eyes don't produce enough quality tears, or your tears evaporate too quickly. This can lead to discomfort, blurry vision, and even damage to the eye's surface.

Unlike traditional methods, the Meridia provides incredibly detailed, objective measurements of your tear film and ocular surface, helping us pinpoint the exact cause of your dry eye symptoms.

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### Why is Advanced Dry Eye Analysis Important?

Dry eye is not a one-size-fits-all condition. It can stem from various underlying issues, such as:

- **Evaporative Dry Eye:** Tears evaporate too quickly, often due to issues with the oil layer (lipid layer) of your tears, commonly caused by Meibomian Gland Dysfunction (MGD).
- **Aqueous Deficient Dry Eye:** Your eyes don't produce enough watery tears.
- **Mixed Type Dry Eye:** A combination of both.

### What Does the Medmont Meridia Analyze?

The Medmont Meridia offers a comprehensive suite of tests to thoroughly assess your tear film and ocular surface. These include:

- **Non-Invasive Tear Break-Up Time (NITBUT):** Measures how quickly your tear film becomes unstable and breaks apart, a key indicator of evaporative dry eye. This is done without touching your eye.
- **Tear Meniscus Height (TMH):** Quantifies the volume of your tears, indicating aqueous deficient dry eye.
- **Meibography (Meibomian Gland Imaging):** Provides detailed images of your Meibomian glands (located in your eyelids) which produce the essential oil layer of your tears. This helps us identify blockages or damage to these crucial glands.
- **Lid Margin Analysis:** Assesses the health and structure of your eyelids, which play a vital role in tear distribution and gland function.
- **Ocular Redness Index:** Objectively measures the degree of redness in your eyes, often associated with inflammation due to dry eye.



### Meet our Optometrists

#### Tom Roger

B App Sci (Optometry)  
Grad Cert Ocular Therapeutics  
FACBO MBA  
CASA CO (Aviation Eye Examiner)

#### Tobin Eapen

Bachelor in Clinical Optometry  
Master of Optometry