



Eye Surgery Associates

OPHTHALMIC SURGEONS

Macular Imaging Patient Information

Background:

The macula is the central part of the human retina. Our maculae (plural) allow us to read, drive and recognise faces.

Multimodal macular imaging is a series of macular scans, photos and imaging of the central retina, that allow us to diagnose disease in a tissue that cannot be biopsied.

It is an essential tool in managing many retinal conditions (macular degeneration, trauma, inherited retinal disease etc).

We use a series of cameras and laser retinal scanners to image the retina using Autofluorescence imaging (FAF), Infrared reflectance (IRR), Optical Coherence Tomography (OCT) and Enhanced Depth Imaging OCT. Additionally we will perform colour and red free retinal photographs. This gives a comprehensive image of the central retina.

The Process:

One of our specialised Orthoptists will spend approximately 30 minutes imaging both eyes and saving the data on our computer network. These images can be used to demonstrate changes in the retina during the course of your treatment.

The technique is non-invasive, and does not require any dye injections, but will require your pupils to be dilated. Macular imaging has dramatically reduced our need to perform more invasive, costly procedures such as retinal or choroidal angiography.

Fees:

As yet, there is no Medicare or Private Insurance rebate available for this technology. Please ask our reception staff if you would like a quote for Macular Imaging.