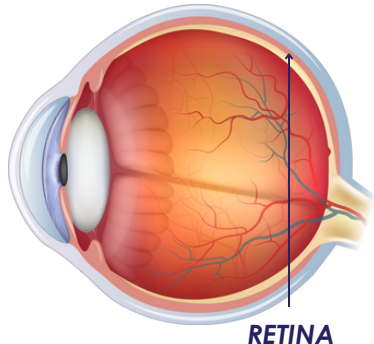


# FUNDUS AUTOFLUORESCENCE



## WHAT IS FAF?

Fundus autofluorescence (FAF) is a non-invasive imaging technique used to assess the health of the retina, particularly the retinal pigment epithelium (RPE). This method relies on the natural fluorescence emitted by certain substances within the retina when stimulated by specific wavelengths of light. The procedure is particularly useful in diagnosing and monitoring various retinal diseases. FAF can detect early changes in the retina before they are visible with other imaging techniques. The procedure is safe, quick, and comfortable for the patient.

## BENEFITS OF FAF

**Non Invasive:** FAF is a non-invasive procedure that does not require any dye injection. It uses specific wavelengths of light to induce autofluorescence in the retina

**Non Invasive:** FAF can detect changes in the RPE and other retinal layers. The primary source of autofluorescence in the retina is lipofuscin, a pigment that accumulates in the RPE cells as a byproduct of photoreceptor cell metabolism. Excessive accumulation of lipofuscin is associated with various retinal diseases

## OUR OFFICE PROCEDURES FOR FAF

The patient is seated, and their head is stabilized using a chin rest. Pupil dilation is often required to obtain clear images. The resulting images show the distribution and intensity of autofluorescence in the retina. Areas of increased or decreased autofluorescence can indicate various pathological conditions.

***This test is not covered under OHIP and costs \$135.00.***