



## Procedure Information Sheet

### Introduction

Fundus angiography is a safe and effective method of examining the retina. Using Sodium Fluorescein and Indocyanin Green (ICG), your doctor can assess the circulation of the retina and choroid and helps to establish the diagnosis and to provide an appropriate treatment plan.

### Indication

For a variety of retinal and choroidal conditions, including inflammation, oedema, vascular diseases, cancer, and system illnesses such as diabetics and hypertension.

### The Operation / Procedure

1. Pupils are dilated with mydriatics.
2. Fluorescein or ICG is injected into a vein of the forearm.
3. Transient nausea or vomiting may occur during and after injection.
4. A series of photographs or video are taken with a special-designed camera.
5. The procedure takes around 30 to 40 minutes.

### Before the Operation / Procedure

Fluorescein and ICG may have unwanted side effects to the fetus and is usually not performed for pregnant women.

### After the Operation / Procedure

1. Due to dilation of pupils, vision would be blurred for the whole day (especially near vision). Avoid driving on the day of examination.
2. Wearing sunglasses for relief of the discomfort to sunlight.
3. Fluorescein will induce yellowish staining of urine, skin, and eyes for up to 24 hours. Fluid intake is encouraged. This will facilitate the urinary excretion of the dye.

### Risk and Complication

1. Less than five percent of patients develop an allergic skin rash, which will last for hours to a few days and responds well to treatment. Very rarely cellulitis and skin necrosis develop at the injection site.
2. There is about 1 in 10,000 chance of developing hypersensitivity reaction to the fluorescein or ICG. In severe cases, this may be life-threatening, such as breathlessness and shock. Please inform your medical staff if you have any heart disease or allergy to drugs or food.
3. Dosage of fluorescein is reduced in patients with impaired renal function.

### Disclaimer

This leaflet only provides general information pertaining to this operation / procedure. While common risks and complications are described, the list is not exhaustive, and the degree of risk could also vary between patients. Please contact your doctor for detailed information and specific enquiry.

### Reference

American Academy of Ophthalmology, EyeWiki, Article: Fluorescein Angiography (10/2020) from [http://eyewiki.org/Fluorescein\\_Angiography](http://eyewiki.org/Fluorescein_Angiography)

<p><b>Patient's Label</b> Patient Name: _____ Hospital No: _____ Episode No: _____</p>
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Patient's Signature: \_\_\_\_\_ Date: \_\_\_\_\_