NHS
Calderdale and Huddersfield
NHS Foundation Trust

Ophthalmology Department

Fluorescein Angiography (FFA) and Indocyanine Green Angiography (ICGA)

What is it?

Your Eye Specialist has recommended further investigation of your eye condition. **Fluorescein angiography** and **Indocyanine green angiography** are diagnostic tests used to assess the blood circulation at the back of the eye and to help identify any underlying retinal and choroidal conditions.

What does the test involve?

- Please allow approximately **two hours** for your visit.
- Eye drops will be instilled to **dilate (enlarge) your pupils.**
- A small **cannula** will be inserted into a vein in your arm.
- Fluorescent dyes (Either Fluorescein, or Indocyanine green or both dyes) will be injected through the cannula.
- A series of **photographs** will be taken as the dye circulates through the retina.

Important information before the test

Please inform the doctor or nurse if you:

- Have any **allergies**.
- Are **pregnant** or think you may be.
- Have **asthma** or breathing problems.
- Have a **heart condition**.
- Have any other significant medical conditions.

We recommend wearing **loose-fitting clothing**.

Possible side effects?

- **Common:** mild nausea or vomiting.
- **Rare:** allergic reaction to the dye, **rarely** severe allergic reaction called anaphylactic reaction. For FFA, the risk is 1 in 10,000 cases, for ICGA it is 1 in 2000.

  The risk is higher in ICGA compared to FFA, though still rare.

This is partly because ICG dye contains iodine, so risk may be increased in patients with iodine or shellfish allergy (though this link is debated).

compassionate care

After the test:

- Your **skin may appear slightly yellow.**
- Your **urine may be yellow or brown.**

These effects are temporary and usually resolve within **24–48** hours as the dye is cleared from your body.

What happens after the test?

You will be sent a follow-up appointment to discuss the results. Your specialist will advise about the findings and further actions or treatment

Driving

Your vision will be **blurred for several hours** after the test due to the dilating drops.

Do not drive.

It is advisable to arrange for someone to accompany you to and from your appointment.

If you have any comments about this leaflet or the service you have received you can contact :

Ophthalmology Department
Telephone: 01484 355085

www.cht.nhs.uk

If you would like this information in another format or language contact the above.

Potřebujete-li tyto informace v jiném formátu nebo jazyce, obraťte se prosím na výše uvedené oddělení

Jeżeli są Państwo zainteresowani otrzymaniem tych informacji w innym formacie lub wersji językowej, prosimy skontaktować się z nami, korzystając z ww. danych kontaktowych

ਜੇ ਤੁਸੀਂ ਇਸ ਜਾਣਕਾਰੀ ਬਿਸ਼ੇ ਹੋਰ ਪ੍ਰਾਰੂਪ ਜਾਂ ਭਾਸ਼ਾ ਵਿੱਚ ਲੈਣਾ ਚਾਹੁੰਦੇ ਹੋ, ਤਾਂ ਕਿਰਪਾ ਕਰਕੇ ਉਪਰੋਕਤ ਵਿਭਾਗ ਵਿੱਚ ਸਾਡੇ ਨਾਲ ਸੰਪਰਕ ਕਰੋ।

اگر آپ کو یہ معلومات کسی اور فارمیٹ یا زبان میں درکار ہوں، تو
برائے مہربانی مندرجہ بالا شعبے میں ہم سے رابطہ کریں.

"إذا احتجت الحصول على هذه المعلومة بشكل مغاير أو مترجمة إلى لغة مختلفة فيرجى منك الاتصال بالقسم المذكور أعلاه"