

## Test/Indocyanine Green Injection for Eye (Clinic 10)

The ophthalmologist (eye doctor) has recommended that you have a test called an indocyanine green contrast eye angiography. Here is some information to help you understand what to expect before, during, and after the test.

### What to know about the test

An indocyanine green contrast eye angiography will help the doctor diagnosis or monitor problems with your eye. The test involves taking pictures of the blood vessels in your eye with the help of a special dye. This dye is called contrast. Contrast helps the blood vessels show up better in the pictures

The test usually takes about 1 - 2 hours.

### What to expect before the test

#### What to do:

- You may eat and drink fluids before the test unless your doctor tells you not to.
- If you wear contacts, take them out before the test.
- Make a plan have someone drive you home after. Your vision may be blurred for about 12 hours so you may not be able to drive.

#### Let your doctor know if you:

- Might be pregnant or are pregnant or breastfeeding.
- Have ever had a bad reaction to contrast.
- Have an allergy to iodine, penicillin, or sulfa drugs.
- Have an allergy to shellfish (such as shrimp, lobster, or crabs).
- Feel dizzy or lightheaded when you get blood drawn.

### What to expect during the test

- The doctor or nurse will explain the test to you and ask you to sign a consent form if you agree to have the test and understand the reasons for having it.
- The doctor and nurse will ask you some general questions about your health.
- The nurse or technician will put drops in your eyes to dilate (enlarge) your pupils.
- The camera technician will take a few pictures of your eye with a special camera.

- The nurse will insert an IV (intravenous) catheter (small tube) into a vein in your arm.
  - You may feel some pain when the catheter is inserted.
- The nurse will inject contrast into the IV catheter. The contrast travels up to your eye within a few seconds and “lights up” the blood vessels for the camera.
- The camera technician will take several more pictures of your eye.
- After the test is done, the nurse will remove the IV catheter.
- The nurse will stay with you for a brief period of time after the test to make sure you are OK.
- The doctor will talk with you about your results after the test.

## **Know what to expect after the test**

### **What to do:**

- Drink plenty of water and other fluids for 36 hours after the test to flush the contrast out of your body.
- You can resume your normal activities once the test is done.

### **It’s normal to have:**

- Some pain when the catheter is inserted.
- Burning where the catheter is inserted.
- Mild nausea.
- A feeling of warmth.
- A headache.
- A metallic taste after the contrast is injected.
- A greenish color to the skin for about 6-12 hours after the test.
- A greenish color to the urine for up to 36 hours after the test.

### **Call the doctor or nurse if:**

- You itch or have hives.
- You start sneezing.
- Your heart feels like it’s beating fast or racing.
- Your face or hands begin to swell.
- You feel lightheaded or dizzy.
- You notice these changes where the catheter was:
  - Pain.
  - Redness.

**If you have any questions or problems:**

Call the clinic at 301-496-5847 during clinic hours.

Call the clinic after hours **or** on the weekend at 301-496-1211 and ask to have the ophthalmology fellow on call paged.

**Call 911 right away if you have:**

- Swelling or tingling of your tongue.
- Difficulty breathing.

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9/14

