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## *HIDA SCAN with CCK*

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### **What is a Hida Scan and why is it done?**

A Hida Scan, also known as a hepatobiliary iminodiacetic acid scan, is a study that tracks the flow of bile from your liver to your small intestine. It also evaluates the function of your gallbladder.

A Hida Scan may be done to:

- Find the cause of abdominal discomfort, nausea and or bloating
- Determine if the gallbladder is functioning properly
- Determine if there are any blockages in the bile ducts
- The next step after an abnormal ultrasound study

### **How to prepare for a Hida Scan:**

- Nothing by mouth after midnight or 6 hours prior to your test, but you may have up to 4oz of water before your test.
- No narcotics, benzodiazepines or Bentyl 6 hours prior to the test.
- Pain patches must be removed 3 days prior to the test
- You must be able to lay still on your back for at least 2 hours
- You could experience nausea, cramping, or mild abdominal discomfort during the CCK infusion. Most patients report symptoms being very mild if any.
- Let your technologist know if you are pregnant or breastfeeding.
- You may bring your cell phone and/or head phones to listen to while under the camera.

- If you tend to be cold, wear warm clothing. The department may be chilly.
- Prepare to be with us for 2-4 hours

**What to expect:**

A Nuclear Medicine Technologist will greet you in the waiting room and bring you back to the department where you will receive an IV. You will be asked a series of questions to ensure that necessary preparations were followed before the test is started.

You will be asked to lay on your back on an imaging table. A radioactive isotope will be injected into your IV. This isotope allows the technologist to see your anatomy under the camera. You may feel a cold sensation while it goes into your IV. It is very rare to have any side effects from the radioisotope.

Two camera heads will be positioned, anteriorly and posteriorly, over your abdomen. They will remain there for the duration of your study.

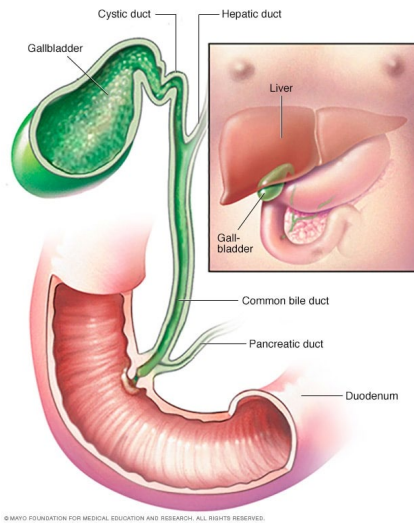
It typically takes 45 minutes to an hour for your gallbladder to visualize properly. However, this may be different for everyone. Once this visualization occurs, the technologist will connect you to an infusion pump of CCK (cholecystokinin). The infusion occurs over 20 minutes and is intended to squeeze your gallbladder resulting in an ejection fraction. That ejection fraction is the number that will help the doctor determine if your gallbladder is functioning properly.

Following the infusion of CCK, the test should be finished in 10-20 minutes.

**Post Hida Scan:**

In most cases, you will leave after the test feeling the same way as when you came. The isotope does not cause any residual side effects. Drinking extra fluids can aid in the exiting of the isotope from the body. If you have pain following the exam, contact your physician or go to the Emergency Room.

**Results:**



**image1**

*HIDA Scan - Mayo Clinic.* <https://www.mayoclinic.org/tests-procedures/hida-scan/about/pac-20384701>. Accessed 29 June 2021.

