

**Nuclear Medicine Functional Hepatobiliary**  
**Pre-exam Information and Instructions**

**Thank you for choosing Yale New Haven Hospital**

*We are looking forward to providing you with exceptional care.*

A Nuclear Medicine Hepatobiliary Functional Scan is used to evaluate gallbladder dysfunction.

**Yale New Haven Hospital Preparation for this Exam:**

**Before Arriving for Your Exam**

- Please arrive **15 minutes** early to check in.
- Children accompanying patients during visits:
  - Unfortunately, we cannot routinely supervise your children during your imaging study. We believe that you are best served when we can provide 100% of our attention to you. Therefore, we encourage you to make childcare arrangements or to bring a responsible adult with you to supervise your children.
- Please do not eat or drink for 4 hours prior to your exam.
- No narcotic (opioid) pain medications for 4 hours prior to exam.
- Please eat a meal with a high fat content the day prior to the exam, with a minimum of 10 grams of fat content in the meal
- Please leave your jewelry and valuables at home and wear comfortable clothing.
- Although we do not anticipate any delay in your scheduled appointment, we recommend that you bring a book, magazine or music player to help pass any time you may need to wait.

**After Arriving**

- Upon arrival, a technologist will explain your procedure and answer any questions you may have.
- ATTENTION Females (ages 10 to 55)  
To ensure Radiation Safety, the following is YNHH Policy on pregnancy test for this Radiology exam.
  - PARENTS: A pregnancy test is required on all females (ages 10 to 17) prior to the start of the exam.
  - Females (ages 18 to 55) may either sign a waiver stating that there is no chance that you could currently be pregnant, or have the choice to take a pregnancy test prior to the exam

**During Your Exam**

- You will be brought into the injection room and a technologist will place an IV in your arm.
- You will receive an intravenous injection (in your vein) of a tracer dose of radioactive material. The level of radioactivity is extremely low and has no side effects.
- After 1 hour you will be brought into the imaging room and be asked to lay down under a gamma camera.
- An initial picture will be taken over the abdomen to verify that the gallbladder has filled.
- Imaging will continue and a medication called CCK will be administered, which will trigger the gallbladder to contract. (During this time the patient may experience some abdominal discomfort, similar to the current pain they may feel after eating a meal)

**Exam Duration**

- Total appointment time is usually 2 hours.  
(The length of time may vary, because we are looking at your body working.)

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## After Your Procedure

- There are no restrictions placed on you after this procedure. You may eat and drive as normal.
- Your exam will be interpreted by a Radiologist (a doctor who is an expert in understanding these exams). A report will be sent to your provider, who can review the results with you.

\*For more general information on what to expect during your upcoming radiology exam.

Visit this link to **Nuclear Medicine, General at [RadiologyInfo.org](http://RadiologyInfo.org)**

*[RadiologyInfo.org](http://RadiologyInfo.org) is the public information resource developed by health care professionals in collaboration with patients. It was established to inform and educate the public about how various x-ray, CT, MRI, ultrasound, radiation therapy and other procedures/exams are performed and what you may experience during your procedure.*

*RadiologyInfo.org is sponsored by the Radiological Society of North America (RSNA) and the American College of Radiology (ACR).*

**Yale New Haven Hospital thanks you for  
choosing us to be part of your healthcare team.**