

Thank you for choosing Yale New Haven Hospital

We are looking forward to providing you with exceptional care.

Your doctor has recommended that you have Indium 111 White Blood Cell Imaging, This is a safe and non-invasive way to evaluate the tissues of your body for the presence of infection or abscess. This is a two day exam, consists of two appointments over a 4 hour span the first day and a 60 – 90 minute appointment the following day. You will be allowed to leave in between each appointment.

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.
- The injection for this exam is specifically ordered for you and is very expensive, if you are unable to keep your appointment or have any questions, please call us at 203-688-1011 option 7.
- There are no food restrictions during this exam.
- It is helpful if you can hydrate prior to the first appointment.

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 YNH 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

- This exam consists of three appointments over two days.
- Day 1
1. An intravenous line (IV) will be placed in an arm vein for the purpose of withdrawing your blood. Approximately 60 milliliters of blood will be withdrawn. This blood will be sent to and processed by an independent radio pharmacy in order to separate your white blood cells (WBC's) from the rest of the blood components. These WBC's will be tagged with the Indium 111 in order to make them radioactive. After your blood has been withdrawn you will be asked to return about 3 to 4 hours later.
 - You will be free to leave the department between appointments but you must return at the times given by the technologist.
 2. A new intravenous line (IV) will be placed in an arm vein to return your now radioactive WBC's
 - You will be asked to return back the next day for your scan
- Day 2
3. Upon your return, several images will be obtained. The imaging time is between 60-90 minutes.

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Exam Duration

- This exam consists of three appointments over two days
 - Day 1:** 1. Blood Draw- about 30 mins
 - 2. Return tagged White Blood Cells- about 20 mins
 - Day 2:** 3. Imaging- 30 – 60 minutes

After Your Exam

- 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

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.**