


EXAM: NUC. MED. WHITE BLOOD CELL IMAGING - ^{99m}Tc CERETEC Imaging Department 330-596-7700 Scheduling 330-596-7187	
INDICATIONS:	If the patient has specific questions the patient should contact their physician. This exam can be helpful in evaluation of osteomyelitis, abscess, infection, inflammatory disease, and pulmonary infiltrates. It can also be used to assess evaluation for prosthesis rejection.
CONTRA-INDICATIONS:	A barium study cannot be done prior to this exam. If one is done, then 72 hours needs to pass before scheduling this exam. Patient who has recently (48 hours) had a technetium based nuclear scan performed. Patient should not be leukopenic. Antibiotics can reduce the leukocytes and have a negative effect on the exam. This test is not particularly effective for spinal cord infections. The table weight limit is 400-500lbs.
HOW LONG WILL IT TAKE?	Please arrive 15 minutes prior to your scheduled appointment for registration and insurance purposes. The exam will take approximately 5 to 25 hours to complete.
PREPARATION:	None
PRECAUTIONS:	If you think you may be pregnant or if you are breastfeeding, make sure the doctor is aware and risks are explained. Mothers that are breastfeeding should consider pumping enough to be used for two days.
MEDICATION ISSUES:	Antibiotics may have a negative effect on the scan.
WHAT CAN BE EXPECTED:	<p>The patient will arrive at the hospital and enter at the main entrance.</p> <ul style="list-style-type: none"> - If the patient is not pre-registered, the patient will need to stop in the first office on the right, just pass the waterfalls, to complete the required paperwork. The patient should have a copy of the doctor's orders. - If the patient is pre-registered, the patient will go pass the waterfall, down the hall, pass the second circle on the floor, to the imaging comfort area. The patient will report in to register and review insurance. The patient should have a copy of the doctor's orders as a precaution. <p>The patient will be brought back to the department where we will confirm the patient's identity, explain the procedure, and review their history. An IV will be started and blood will be drawn from the IV. The blood will be sent out for tagging with Ceretec (radioisotope). The patient will return approximately 2 to 3 hours after the IV was started. The patient will be placed on the imaging table for images 20 minutes post injection. These images will last approximately 30 minutes. Additional images will be performed 2 to 4 hours post injection and require approximately 1 hour to accomplish. Images at 24 hours post injection may be required, these images last 1 to 2 hours. The study is completed after the images have been taken. At this time the patient will be allowed to leave. No precautions need to be taken other than limiting contact with children less than 3 years of age for the next 24 hours.</p> <p>NOTE. This material will be out of their systems within 48 hours. The material will not cause any side effects. A written report will be sent and usually takes 1-2 working days.</p>