


|  |   |   |
|--|---|---|
| <b>EXAM: NUC. MED. SPECT BONE SCAN</b><br>Imaging Department 330-596-7700<br>Scheduling 330-596-7187 |   |  |
| <b>INDICATIONS:</b>  | If the patient has specific questions the patient should ask their doctor. This exam can help to differentiation between osteomyelitis (inflammation of bone and bone marrow) and cellulitis (inflammation of cellular or connective tissues). A flow study is indicated. It can also help to evaluate bone pain, trauma, occult fractures, metabolic bone disease, osteoporosis, osteomalacia and other osteopathies. This exam is somewhat more detailed than a non-SPECT bone scan and especially the spine.   |   |
| <b>CONTRA-INDICATIONS:</b>   | 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. The table weight limit is 400-500lbs.   |   |
| <b>HOW LONG WILL IT TAKE?</b>  | Please arrive 15 minutes prior to your scheduled appointment for registration and insurance purposes. The exam will take approximately 5 to 7 hours to complete.  |   |
| <b>PREPARATION:</b>  | None  |   |
| <b>PRECAUTIONS:</b>  | 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.   |   |
| <b>MEDICATION ISSUES:</b>  | None  |   |
| <b>WHAT CAN BE EXPECTED:</b>   | <p>The patient will arrive at the hospital and enter at the main entrance.</p> <ul style="list-style-type: none"> <li>- 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.</li> <li>- 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 physician's orders as a precaution.</li> </ul> <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. The patient will then be given an injection of Technetium labeled MDP. This exam is usually in conjunction with a limited bone scan study. The patient will be instructed to leave the department and to return at a designated time 3-5 hours later for imaging. While the patient is gone, the patient can eat, drink and take medications since this will not interfere with the study. The patient will be encouraged to hydrate with at least 32 ounces of liquid such as water, juice, coffee, tea, Gatorade, etc. Milk is not encouraged since it does not work as well. Upon returning, the patient should report back to the imaging receptionist (pass the second circle). The patient will be brought back to the department for imaging which take approximately 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> |   |