


EXAM: NUC. MED. CISTERNOGRAPHY Imaging Department 330-596-7700 Scheduling 330-596-7187		
INDICATIONS:	If the patient has specific questions the patient should contact their physician. This exam is useful in evaluation of cerebrospinal fluid (CSF) flow in the brain and spinal column. It is also helpful in evaluation of hydrocephalus, shunt obstruction and dispersion of chemotherapy given into the spine.	
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. 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 3 days 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:	None	
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 order. - 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. <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. A lumbar puncture is performed in the x-ray department. CSF is drawn into a syringe and taken to the lab to be analyzed. Indium (radioisotope) is injected into the spinal tap. Images are acquired 2 hours after injection. Several images will be taken while on the imaging table with a gamma camera. Images are acquired at 2 hours, 6 hours, 24 hours, 48 hours, and 72 hours. The patient will remain in the hospital for a minimum of 4 hours post injection. Images may take approximately 30 minutes to 1 hour. Transportation needs should be coordinated ahead of time on the day of the injection. The study is completed after the images have been taken. No precautions need to be taken other than limiting contact with children less than 3 years of age for the next 48 hours post injection.</p> <p>NOTE. This material will be out of their systems in 28 days. The material will not cause any side effects. A written report will be sent and usually takes 1-2 working days.</p>	