

**EXAM: RENAL CORTICAL (DMSA)**  
 Imaging Department 330-596-7700  
 Scheduling 330-596-7187



<b>INDICATIONS:</b>	If the patient has specific questions they should contact their physician. This examination is helpful in evaluation of renal function, renal masses, pyelonephritis, renal blood supply and renal transplant.
<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 (48hrs) had a technetium based nuclear scan performed. The table weight limit is 350-400lbs.
<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 4hrs 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>	Patient should discontinue the use of ACE (angiotensin converting enzyme) inhibitors.
<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, they 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 physicians order.</li> <li>- If the patient is pre-registered, they will go pass the waterfall, down the hall, pass the second tan circle on the floor, to the imaging comfort area. They will report in to register and review insurance. The patient should have a copy of the orders as a precaution.</li> </ul> <p>The patient will be brought back to the department where the procedure will be explained, confirm the patient's identity and review their history. An IV will be started. The patient will be placed on the imaging table with a gamma camera located underneath. An injection of DMSA (radio-isotope) will be given through the IV. A series of images will be taken for the next 3 hours. The study is completed after the images have been taken. At this time they will be allowed to leave. No precautions need to be taken other than limiting contact with children under 3yrs of age for the next 24 hours.</p> <p>NOTE. This material will be out of their systems within 24hrs. The material will not cause any side effects. The report will typically be available to the Doctor's office within 24hrs on the transcription line. A written report will be sent and usually takes 3 to 5 working days.</p>