



مركز الكويت لمكافحة السرطان  
Kuwait Cancer Control Center

## Nuclear Medicine Department DMSA Scan (Renal Cortical Study)



Patient Education



Developed in partnership with





Your physician has referred you for renal scan to access the number, the shape, and the positions of the kidneys and also the function of the renal cortex. This scan is commonly used to diagnose renal infection (pyelonephritis) or renal scars.

### Preparation

- There is no special preparation for these studies. You can eat & drink fluids as usual.
- There are no medication restrictions for this test.
- No special clothes are needed and there will be no change of clothes for the scan.

### Procedure

- For the test, please make sure to put your valuable things aside in a safe place including your cell phone. Also, please make sure to remove all metals and objects (i.e. gold) that may interfere with the imaging and interpretation of the scan.
- On the day of the test, please proceed to the Nuclear Medicine Department reception to complete administrative paper work.
- You will be asked to go to the injection room so that the nuclear medicine physician will inject you with a small amount of radioactive material into the vein.
- It is recommended that you be well hydrated before and after the injection.
- After about two hours, you will be asked to lie on a flat table and a nuclear medicine technician will take multiple images of your kidneys for 30-45 minutes.
- At the end of the study, a special computer will process the information of your study that helps nuclear medicine physician analyze your results.

### Important Information for the Patient

- You should not move while you are under the camera.
- The amount of radiation used is small and safe.



- You can be around other people and use a bathroom normally without risk to others.
- If you are pregnant or think you could be pregnant, please notify your doctor and nuclear medicine physician so that this can be discussed.

If you have any questions, please speak to your health care provider or a nuclear medicine specialist at the following number:  
2484-9100 ext. 3026 or 3014.

- هذا الفحص آمن ولا خطر منه عليك ولا على أسرتك أو مرافقك. كما يمكنك استعمال الحمام (دورة المياه) بصورة اعتيادية بدون أي ضرر على الآخرين.
- في حال الحمل أو احتمال الحمل، الرجاء إبلاغ طبيبك، حتى يتمكن من مناقشة الأمر مع طبيب الطب النووي.

وفي حال وجود أي أسئلة أو استفسارات لا تتردد في مناقشتها مع المتخصص في قسم الطب النووي على الأرقام التالية:  
البدالة 24849100 داخلي 3014 او 3026.



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