



مركز الكويت لمكافحة السرطان
Kuwait Cancer Control Center

Nuclear Medicine Department

Renal Function Evaluation

Patient Education

FAISAL SULTAN BEN ESSA CENTRE
NMD, CAMERA 1

Study Name: Renal Scan

Table of Result Summary

Parameters	Left	Right	Total
Split Function (%)	46.6	53.4	
Kidney Counts (cpm)	145780	168954	312734
Kidney Depth (cm)	11.5	11.4	15.0
Time of Laxix (min)			
Time of 1/2 Laxix (min)			

Table of Patient Parameters

Parameters	Values
Renal Protocol	Generic (None)
Kidney Depth Method	Elmore
Patient Name	Sania Younes, Abu Nadi
Patient ID	P48701
Sex	Female
Age	68
Height	144.0 cm
Weight	84.0 kg
Laxix Injection Time	09:58
Body Surface Area	1.82 m ²
Reference BSA	1.72 m ²
Split Intake Interval (min)	2.0 - 3.0
RadioPharmaceutical	11.0 mCi 99m Technetium MA03
Method	Adult
Hematocrit	0.00

99m Technetium 370.0 MBq (10.00 mCi) MA03

Perfusion and Function (Results) 8/5/2008

Phase 1

Perfusion and Function (Composite) 8/5/2008

All Images

Kidney

Flow





Your physician has referred you for a kidney scan that is useful to assess the kidney functions & to diagnose renal diseases such as renal obstruction, complications of kidney transplantation & renal artery stenosis, which causes high blood pressure.

Preparation

- There are no food restrictions but you should be well hydrated & continue to drink fluids.
- If you are having high blood pressure, you may be asked to discontinue certain drugs.
- 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 the admission paper work.
- If you are referred because of high blood pressure possibly caused by a narrowing of the renal artery, a capsule will be given 1 hour before the test. During this hour, your blood pressure will be measured every 15 minutes.
- You will be taken to the camera room where you will lie down on your back and the nuclear medicine physician will inject a small amount of radioactive material into the vein.
- The nuclear medicine technologist will perform the study by using a special camera to take a series of images of your kidneys which will take around 30-45 minutes.



- You will be asked to empty your bladder and come back for another scan that will take 5 minutes.
- When the scan is finished all the information will be analyzed using a special computer that helps the nuclear medicine physician to 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 & use a bathroom 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

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- لا تقلق من المادة المشعة التي تم حقنها لأنها كمية صغيرة وسوف يتخلص منها الجسم خلال فترة قصيرة.
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- 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 الطب النووي على الأرقام التالية: البدالة 24849100 داخلي 3014 أو 3026.



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