

DTPA Renogram

PATIENT INFORMATION



Also known as: MAG3, Renal scan, DTPA, Captopril Challenge, DTPA with Ace Inhibitor, DTPA with GFR.

A renogram can be performed to assess relative renal function, evaluate possible urinary obstruction, or assess narrowing of the renal artery in patients with high blood pressure.

WHAT HAPPENS DURING A DTPA RENOGRAM?

Part 1: You will be positioned under the Gamma Camera and given a small injection of a radioactive tracer. This injection shouldn't make you feel any different and allows images to be taken of the kidneys. Images are commenced at the time of injection and are taken continuously for between 20-40 minutes. During this time a diuretic (Lasix) may be administered to assess for possible obstruction.

Part 2: If a Glomerular Filtration Rate (GFR) assessment is required you will be asked to return at specific intervals over the next 2 hours.

Duration: The scan usually takes between 45-90 minutes. This time will change if Captopril challenge or GFR is required.

ANY PREPARATION REQUIRED?

- ✓ Inform staff at the time of booking if your referral includes the terms "Lasix, Captopril, Cystogram or GFR" as this can alter the instructions for the test.
- ✓ Drink 1-1.5 litres of water within the hour prior to the test. You may go to the toilet during this time.
- ✓ You may be asked to fast and/or cease certain medications prior to the test depending on the clinical history.
- ✓ Please make staff aware if you are (or think you could be) pregnant, breast-feeding, claustrophobic and/or if you are the primary/sole carer for small children when you book your appointment.
- ✓ Bring any previous Nuclear Medicine scans or any other scans relating to the area of interest and/or any recent blood tests measuring creatinine/kidney function.



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