

## Dynamic Renal Study



### **PREPARATION:**

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- Fasting is not necessary;
- Perform good hydration before and after the exam;
- Suspend the use of non-steroidal anti-inflammatory drugs on the day of the exam (e.g., diclofenac);
- This test is not recommended for pregnant and/or breastfeeding women.
- Abundant hydration is recommended before and after the exam.

### **HOW IS THE EXAM PERFORMED?**

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After filling out the registration form at the reception, the patient will undergo a brief clinical interview to check their data. Then you will be instructed to drink two to three glasses of water and empty your bladder. They will be sent to the examination room, where they must remain lying on the device's gurney for approximately 30 to 40 minutes.

Once positioned, a small amount of radioactive material will be injected into a vein, preferably into one from the forearm.

Image acquisition will begin immediately after tracer injection. If this material is retained in the urinary system, intravenous administration of a diuretic will be necessary to stimulate the elimination of the retained material. If the radioactive tracer persists in the urinary tract, even after urination, further imaging (up to 1 hour after injection) will be requested.

Note: 1) in children, the diuretic is injected alongside the radioactive tracer, to reduce the number of venipunctures and provide more comfort.

2) After the patient's discharge, it is recommended to maintain abundant hydration, in order to avoid hypotension.