



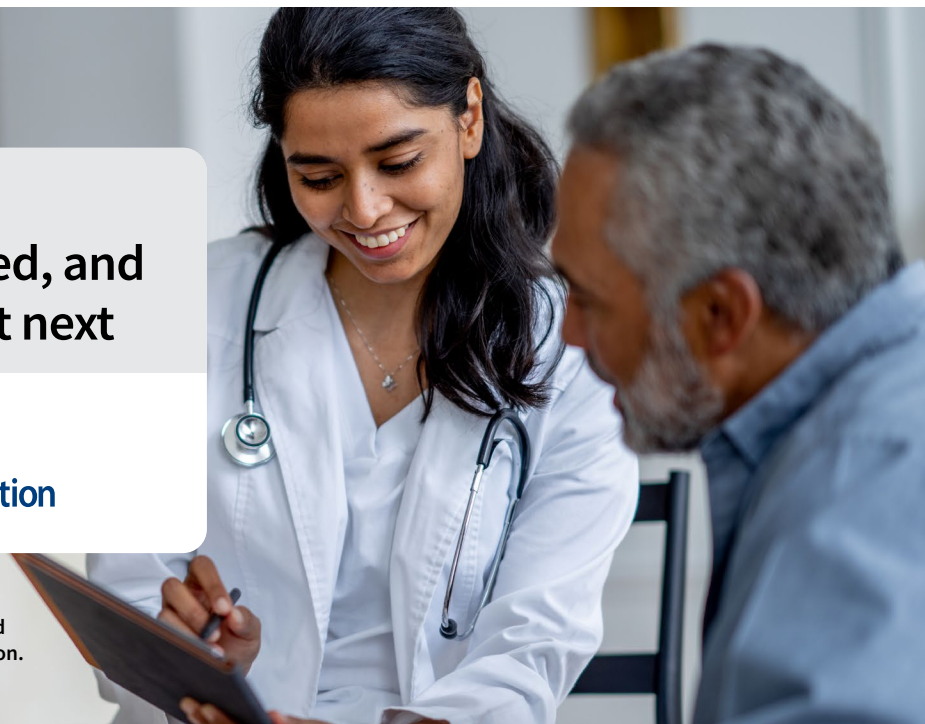
GE HealthCare

Understanding imaging with DaTscan: Information for patients, families, and caregivers

What it is,
why it's ordered, and
what to expect next

DaTscan[™]
Ioflupane I123 Injection

Please see last page for DaTscan
Important Safety Information and
link for full Prescribing Information.



Why we're talking about DaTscan

You've shared that you have symptoms such as cognitive impairment, tremors, stiffness, or movement changes.

.....

There are a few possible causes for these symptoms.

.....

DaTscan helps your doctor gather more information about dopamine transporter function in the striatum, a region in your brain.



Symptoms



Possible Causes



DaTscan



Next Steps

What DaTscan does (and how it works)

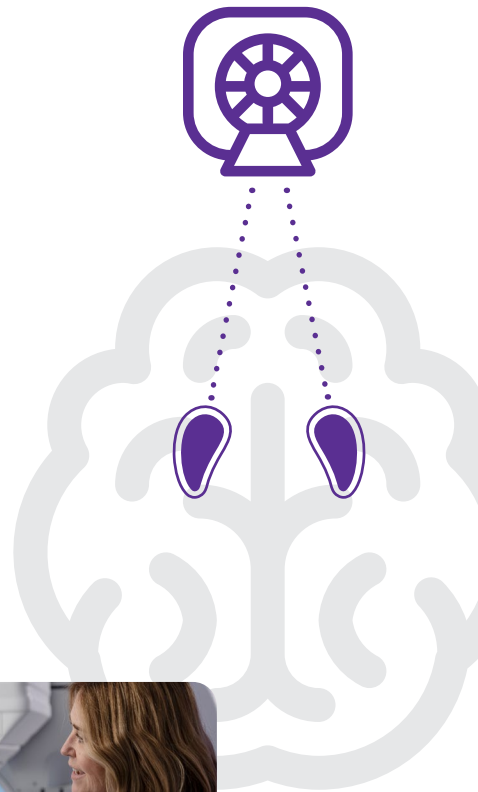
DaTscan is a small injection that enables a picture to be taken of your brain.

.....

After the injection, a special camera (SPECT scanner) takes pictures showing where dopamine transporter binding of DaTscan is in the striatum, a region in the brain.

.....

It shows patterns of activity, which may be useful in diagnosis and treatment planning.

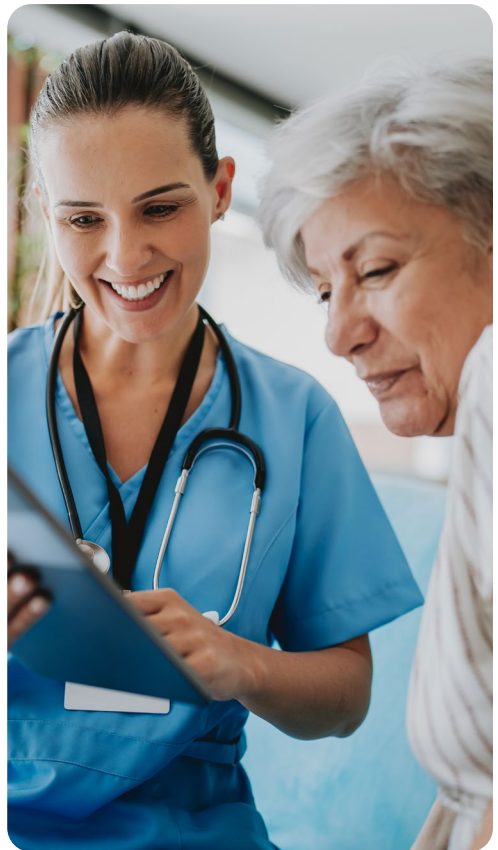


- A SPECT scanner is a gamma camera that uses special imaging techniques to take photos of DaTscan localization in the brain.
- The DaTscan highlights dopamine transporter activity in the striatum, and the SPECT scanner takes pictures of the brain where the striatum is located.



What this information can tell us

- ✓ Some movement or cognitive changes are linked to changes in dopamine transporter function.
- ✓ Conditions that can cause this may include **Parkinsonian syndromes or dementia with Lewy bodies**.
- ✓ The Parkinsonian syndrome group includes: Parkinson's disease, Multiple System Atrophy (MSA), Progressive Supranuclear Palsy (PSP), and a few others.
- ✓ Imaging with DaTscan shows whether dopamine transporter activity looks **typical** or **not**.
- ✓ It doesn't specify which condition a person has, but it helps answer the question of whether degeneration of the dopamine transporters in the striatum may be contributing to your symptoms.



How DaTscan fits into your care plan

DaTscan is one piece of the diagnostic process.

.....

The scan aids what your neurologist sees in your exam.

.....

Images are reviewed by a radiologist and a report provided to your doctor.

.....

Together, these pieces may help to guide the next step in your treatment plan.



Exam

+



History

+



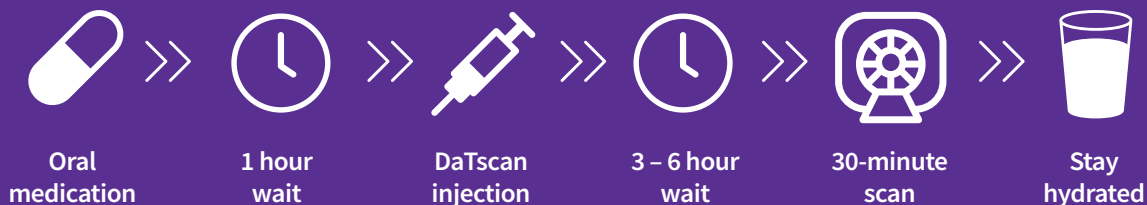
DaTscan
Results

=

Next steps in care

What to expect during the scan

1. You'll take a thyroid-blocking medication by mouth about 1 hour before DaTscan is administered through a vein in your arm.
2. Pictures of your brain will be collected 3 – 6 hours after DaTscan is administered.
3. The scan itself lasts about 30 minutes.
4. The camera comes close to your head but doesn't touch you.
5. You can eat and drink normally unless told otherwise.



Note: Imaging technologists will help you stay comfortable throughout the process.

This brochure summarizes key points from the Prescribing Information. It is for educational purposes only and is not a substitute for professional medical advice. Patients should consult their physician for personalized recommendations and follow their doctor's guidance at all times.

Safety snapshot



Tell your doctor if you're pregnant, breastfeeding, or have kidney/liver problems.



A thyroid-blocking medication take by mouth one hour before the DaTscan injection protects your thyroid.



Allergic or injection-site reactions are rare.

Note: For complete safety details, see back cover.

Details about DaTscan (Ioflupane I 123 Injection)

DaTscan is a radioactive drug that is injected into your bloodstream so that images can be taken with a single-photon emission computed tomography (SPECT) camera. If you are an adult with a tremor, your doctor may decide to order this imaging test, along with other medical tests and clinical exams, to help decide if your symptoms are due to a Parkinsonian syndrome or another condition, such as essential tremor.

Clinicians use the results of DaTscan imaging to inform clinical diagnosis.

DaTscan is available only by prescription and may be ordered by your doctor.



Important Safety Information About DaTscan

You should not be given DaTscan if:

- You are sensitive to any of the ingredients of DaTscan. Talk with your doctor; he or she can help you understand what the drug ingredients are

What is the most important information you should know about DaTscan?

- **Allergic and injection-site reactions** could occur following a DaTscan injection. If you have any symptoms of an allergic nature, including low blood pressure; trouble breathing; throat tightness; swelling of your face, lips, or tongue; or rash and itching, inform your doctor or go to your nearest emergency room right away
- **To help decrease the amount of thyroid exposure to radiation:** Your doctor will give you a medication at least one hour before you receive DaTscan. The purpose of this medication is to minimize the amount of radioactive iodine going into your thyroid gland
- **Pregnancy:** Clinical studies have not been conducted with DaTscan on pregnant women. Any radioactive drug, including DaTscan, may cause harm to the fetus. If you are pregnant or think you may be pregnant, talk to your doctor about whether receiving DaTscan is appropriate
- **If you are a nursing mother,** talk to your doctor about interrupting nursing after receiving DaTscan or not to receive DaTscan at all. If you receive DaTscan, pumping, and discarding breast milk for at least six days after receiving DaTscan can reduce the risks of radiation exposure to your nursing infant
- **If you have kidney and/or liver problems:** The effects of kidney and or liver damage from the use of DaTscan are not certain. DaTscan is removed by the kidney, and patients with severe kidney problems may have increased radiation exposure. Tell your doctor if you have reduced kidney or liver function
- **Children:** DaTscan is not approved for use in children

The most common side effects of DaTscan:

- The most commonly reported side effects include injection-site pain, headache, nausea and upset stomach, dry mouth, skin rash, hives, or dizziness

What you should know about taking DaTscan with other medications:

- Be sure to tell your doctor what drugs, including any over-the-counter medications, you are taking so that he or she can decide whether you should stop taking any of them for a period of time before using DaTscan

Questions about the procedure:

- Always talk with your doctor if you have any questions about the SPECT imaging procedure or the use of DaTscan

Your doctor should advise you to:

- Drink plenty of water prior to and after receiving DaTscan, and go to the bathroom frequently for the first 48 hours after receiving DaTscan

The safety information included here is not comprehensive. If you have any questions, please be sure to discuss them with your doctor.

For more information about DaTscan, call GE Healthcare Customer Service at 800 292 8514.

To report SUSPECTED ADVERSE REACTIONS, contact GE Healthcare at 800 654 0118 (option 2, then option 1), or the FDA at 800 FDA 1088 or www.fda.gov/medwatch.

Please scan QR code for Full Prescribing Information for DaTscan.



DaTscan[™]
Ioflupane I123 Injection