

¹⁸FDG PET SCAN OF THE BRAIN – INFORMATION SHEET

Sir, Madam,

With your consent, you are to undergo a Positron Emission Tomography (PET) brain scan using 18-Fluorodeoxyglucose (FDG).

FDG (known as a radiotracer), which is very slightly radioactive (7.6 mSv), is injected into a vein in the arm. The FDG is taken up by the brain, allowing images to be taken.

The radiotracer will be ordered specifically for you in advance. It is very expensive (around 300 euros), but covered by health insurance. However, **if you are unable to make your appointment, you MUST contact us four days beforehand** to enable us to cancel the order, as this product cannot be stored.

Please bring any previous exam results relating to your illness.

- Women who could potentially be pregnant and are not on effective contraception must take a pregnancy test if in the second part of their cycle, or make an appointment to undergo the exam immediately after the onset of their period.
- You **must not eat or drink for 6 hours before the exam**. Only pure, unsweetened still water is permitted. The quantity of 18-Fluorodeoxyglucose that will be injected is tiny, and so the scan results will be completely unreliable if you consume even a small amount of sugar or carbohydrate (bread, starchy foods, etc.).

It is therefore essential not to eat or drink before the exam.

- If you are on medication, you may take it with a little water (unsweetened). However, be aware that some medications may contain sugar (syrups, certain painkillers), and must not be taken until after the exam.
- If you are **diabetic**, please tell us when making your appointment.

You will be asked to lie down and remain still in a quiet, darkened room for around 30 minutes after the radiotracer is injected. The images will then be taken over a period of around 10 minutes. You will need to spend around one and a half hours at the hospital.

Your doctors will be available to provide additional information if you wish.

REFERENCE:
MN - APRIL 2018