

## › RESULTS

The doctor who performed the examination will only be able to provide information when the images have been saved and fully reconstructed.

The final results will be sent to the prescribing doctor two to three days after your examination.

## › POST-EXAMINATION PRECAUTIONS

After the examination, a small amount of the radioactive tracer will remain in your body. Drinking plenty of fluid will help to eliminate the substance.

Although the risks associated with radioactivity are minimal, we advise you to avoid any contact with young children and pregnant women until the evening of the examination.

For optimal image quality, it is important to **respect the schedule of your appointment.**

If you cannot make it to your appointment, please contact us **as soon as possible by phoning 4411 6810 or by e-mail at [sec.petscan@chl.lu](mailto:sec.petscan@chl.lu).**

We will be happy to answer any questions you may still have about your PET scan examination. We hope you found this information helpful.

## NATIONAL PET CENTRE (CHL)

### Secretariat of the National PET Centre

Making an appointment/cancelling an appointment:

Tel.: 4411 6810

Fax: 4411 6811

From 8.00 to 16.00:

E-mail: [sec.petscan@chl.lu](mailto:sec.petscan@chl.lu)

Your PET scan appointment is scheduled for:

..... at .....

**on an empty stomach** (except water and medication)



Flyer A4 FR Pet Scan Sept 2018



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Centre Hospitalier de Luxembourg  
**CENTRE**



# WHAT IS A PET SCAN?

A PET scan is an imaging technique that tests the **metabolic activity** of tissues by injecting a glucose-based radioactive substance.

This examination complements X-ray, ultrasound, MRI and CT scans, which are anatomical imaging techniques.



## › PREPARING FOR THE EXAMINATION

Make sure that you **do not eat** or **smoke** 5 to 6 hours before the examination (drinking water is permitted):

- › If you have an appointment before 12.00: do not to eat anything after midnight; drinking water is permitted.
- › If you have an appointment after 12.00: a light un-sweetened breakfast is permitted early in the morning (before 7.00).

You can continue to take your regular medication unless we inform you otherwise. (In case of doubt, please contact our department).

Please also inform us if you are pregnant (or if you think you might be pregnant) or breastfeeding.

## › PRECAUTIONS FOR DIABETIC PATIENTS

If you are taking oral diabetes medicine, you can continue with your regular treatment as usual. However, if you are injecting insulin, please contact our department and follow the instructions given to you.

## › UPON ARRIVAL

On the day of your appointment, you must go to the annexe of the Centre Hospitalier de Luxembourg (on the basement level).

A receptionist will welcome you and direct you to the National PET Centre.

## › DURATION OF THE EXAMINATION

The entire PET scan procedure will take about two hours.

## › PROCEDURE

You will be taken to a rest room where you will receive an intravenous drip and we will measure your blood sugar.

A radioactive substance will then be injected via this venous route. This substance will not cause **any side effects** and will take 60 minutes to settle in your body.

During this period, it is **essential that you remain relaxed and completely at rest**.

To take the images, the drip will be removed and you will be lying comfortably on the examination table for a period of 10 to 20 minutes.

During the examination, you will be asked to remain **completely still**.

