

68 Ga-PSMA PET SCAN - INFORMATION SHEET

Sir,

You are to undergo a PET scan using ^{68}Ga -PSMA (Prostate-Specific Membrane Antigen). This exam is usually carried out in addition to an ^{18}F -Choline PET scan.

The substance used (called a radiotracer) is not an allergen. ^{68}Ga -PSMA, which is very slightly radioactive (3 mSv for an injected activity of 150 MBq - equivalent to the dose from naturally occurring radioactivity for one year - plus the dose of around 6 mSv from the X-ray scanner), is injected into a vein in the arm.

You will need to spend around two hours at the hospital. After the exam is over, the doctor will see you and hand you the images taken. The results will be faxed directly to your own doctor.

- You may eat and drink as normal before the exam. You should preferably be well hydrated, by drinking half a litre of water in the two hours before the exam. If you are on medication, you may continue to take it. However, if you are due to begin hormone therapy, you should undergo the ^{68}Ga -PSMA PET scan before starting the hormone therapy.
- You must **CONFIRM your APPOINTMENT 48 HOURS** before the exam by calling the following number: +377 97 98 96 59. **If you do not confirm your appointment, it will be cancelled.** The radiotracer will be synthesised specifically for you in advance and cannot be stored. It is very expensive (over 600 euros), but covered by health insurance.
- Please bring your prescription and your social security card (CCSS, Carte Vitale).
- You should also bring the dose of PSA, a list of the medications you are taking, and your most recent scan results.
- You must under no circumstances be accompanied by a pregnant woman or young children, nor have any contact with them at any time during the day of your scan.

PLEASE NOTE:

Synthesising the radiotracer is a complex process, which may be subject to delays, and in some cases may even be unsuccessful. **Your examination may be cancelled at the last minute.** If this happens, your exam will be postponed and rescheduled as soon as possible.

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

REFERENCE:
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