

## Radiologie - Questionnaire à l'intention des personnes effectuant un examen IRM - Anglais

*To be completed before the examination and submitted to the MRI staff*

Name ..... First Name .....

Date of Birth ..... Height (cm) ..... Weight (kg) .....

	YES	NO
Have you ever had an MRI examination before ?		
Are you carrying any of the following devices :		
Pacemaker / Defibrillator		
Cochlear implant		
Stimulator (spinal, cerebral, bladder, etc.)		
Medication pump (insulin, morphine, etc.)		
Glucose sensor		
Shunt valve (VP shunt)		
Are you wearing any of the following items :		
Dental prostheses		
Hearing aid		
Medication patch (nicotine, contraceptive, hormonal, etc.)		
Piercing, earrings		
Permanent makeup, magnetic false eyelashes		
Tattoo		
Other implant(s) or prosthesis(es) ? If yes, which ones ?		
Have you ever had heart surgery (stent, bypass, valve, etc.) ? If yes, which one ?		
Have you ever had brain surgery ? If yes, which one ?		
Have you ever had a metal fragment in your eyes or somewhere else in your body ?		
Do you have any allergies ? If yes, which ones ?		
Do you suffer from kidney disease (kidney failure, etc.) ?		
Do you have asthma ?		
Do you suffer from glaucoma (high eye pressure) ?		
For women: Are you pregnant?		
If the examination requires, do you consent to the placement of an IV line and the injection of a contrast agent?		

Date..... Patient's or legal representative's signature .....

*Do not fill out - Reserved for MRI staff*

Créat. (μmol/l) ..... Date (refaire si > 7 jours) .....

Clearance CKD-EPI (si créat >80 ♀ >106 ♂) ..... Visa TRM .....

Dear Sir or Madam,

Your doctor has prescribed an examination called Magnetic Resonance Imaging, also known as MRI. Below is some information about this examination.

Using a strong magnetic field combined with electromagnetic waves (radio waves), MRI allows visualization of body organs in a way that is different from other techniques like X-rays, CT scans, and ultrasounds.

### Before the examination

**Please fill out the safety questionnaire carefully on the back of this sheet.** Due to the strength of the magnetic field, MRI is contraindicated in some cases. It is also possible that an implanted medical device may only allow MRI under certain conditions (pacemaker, defibrillator, etc.).

The radiographer will guide you to a changing room where you will undress. You will keep only your underwear and socks and put on a hospital gown.

Due to the very strong magnetic field in the MRI room, no metallic, electronic, or magnetically sensitive items can enter the examination room. Please leave all these items in the changing room (jewelry, coins, hairpins, phone, hearing aids, watch, belt, etc.).



### Examination Procedure

- The examination is not painful and will last between 20 minutes and 1 hour depending on the indications and the body part.
- To obtain good quality images, it is important to remain perfectly still during the examination. You will be positioned as comfortably as possible for this purpose.
- The examination is noisy, and you will wear headphones and/or earplugs to protect your ears. You will receive an alarm button to call the radiographer if needed.
- Depending on the indication, a contrast media based on Gadolinium will be injected into a vein in your arm. This agent allows for better visualization of certain abnormalities and their vascularization. The agent is eliminated through urine within hours after the examination.

### A bit of technique for the curious

MRI utilizes the physical properties of the proton, which constitutes the nucleus of hydrogen atoms. Hydrogen is abundant in the human body in the form of water. Images are obtained by exciting protons with electromagnetic waves. MRI measures the time it takes for protons to return to their original state. This time varies depending on the different tissues (fat, muscle, tendon, etc.). These data are then translated into grayscale (from black to white) and used to form an image.