You are going to perform a Magnetic Resonance Imaging (MRI) test. It is a diagnostic method that captures images from the human body without using x-ray or other types of ionizing radiation.

How is it done?
During the test, the patient remains lying down on a stretcher that slides into the opening to the device center. The tunnel will remain open on its extremities, with appropriate lighting and ventilation. The patient should stand still during imaging acquisition to ensure the appropriate test quality. As the patient is going to be placed in a magnetic field, some questions about metallic objects are asked before the test (such as heart pacemakers, aneurysm clips, neurostimulators, etc.).

Clothes are changed to avoid interaction with the magnetic field. Your clothes and personal objects, including brassiere, shoes, jewelry, personal belongings, purse, wallet, etc. should be stored in the lockers available in the department, as they are not allowed into the test room. The magnetic field may wipe out credit cards, damage mobile phones, watches, etc. Such instructions are also applicable for accompanying people that choose to remain in the test room during its execution.

MRI study uses coils that release radiofrequency pulses (RF), necessary for imaging acquisition. These RF pulses release energy, which may lead to increase in body temperature and occasionally to burns. Appropriate care before the test results in nearly no complications, even though minor burns may rarely occur (less than 0.1%). Many MRI tests will require fasting for a couple of hours. In these cases, continuous use of medication should not be suspended.

Will I take contrast agent or medication?
Depending on the pathology and the region to be studied, intravenous MRI-specific contrast agent - gadolinium - may be required. Contrast enhances the efficacy of MRI in detecting and characterizing different structures and/or lesions. It is contraindicated in those that have already had some moderate or severe previous reaction to these agents and in pregnant women. In patients with severe acute and/or chronic renal failure (under dialysis or not) the risks and benefits should be analyzed. Adverse reactions are infrequent and include nausea, vomiting, headache, dizziness, injection site reaction such as cold or warm sensation. Patients with asthma or mild previous reactions to gadolinium, or previous severe reactions to other contrast media or other substances, are more likely to have adverse reactions, so inform the healthcare professional if you have any of these conditions (they may administer anti-allergic medication before the contrast dye or choose to perform the test without contrast). In very rare occasions (less than 0.1%) there may be extravasation of the contrast or thrombophlebitis (inflammation and/or vein thrombosis) related to venous puncture and contrast injection. Even by adopting strict quality and safety protocols, these complications may not be completely prevented.

In patients who are undergoing abdominal or pelvic MRI, an intravenous antispasmodic injection (Buscopan®) will be administered to avoid degradation of images by bowel movement. Its use is contraindicated only in people who already have allergy to this medication, in patients with closed-angle glaucoma, prostate hypertrophy with urinary retention, narrowing of gastrointestinal tract, tachycardia, megacolon, myasthenia gravis, and acute or persistent diarrhea in children.

In urinary tract studies, intravenous diuretic injection (Lasix®) may be administered. The medication is contraindicated during pregnancy or breastfeeding, in patients with renal failure, pre-coma, hepatic coma associated with hepatic encephalopathy, hypovolemia, dehydration, and hypersensitivity to furosemide or sulfonamidase and the remaining components of the formula.

In female pelvic studies, vaginal gel may be used, which is water-soluble, non-greasy, colorless, odorless, non-irritating, hypoallergenic, non-abrasive, moisturizing and easy to remove. Transvaginal administration is contraindicated in patients who had never had sexual intercourse and its use may be restricted in severe cases of vaginal bleeding.

If you have restrictions to any of the substances listed above, please inform the biomedical specialist or the nursing
staff. We would like to inform you that our center frequently uses these substances, favoring the test quality. Medications which may be used in your MRI test may cause unpredictable and random adverse events in different subjects (as described in the package insert of products), as is the case of any other medication. Moreover, we are prepared to treat occasional adverse reactions of any nature. If such adverse effects need treatment such as phlebitis, the financial coverage should be made by the healthcare plan or paid out of pocket. These amounts will be confirmed and billed at the end of the procedure. Women who may be pregnant should inform the team, as there are additional restrictions.

Is there more than one contrast agent used by Magnetic Resonance Imaging?
MRI uses more than one type of gadolinium-based contrast media (Gadovist®, Pro Hance® and Primovist®). They differ by the molecules that bind to gadolinium and have specific indications. The contrast dye to be administered will be defined based on medical order and clinical history, which may lead to billing differences.

After the test: The patient may resume his/her regular routine, no rest or additional care is required, except in cases of anesthesia.

Why might there be delays in the test scheduled time?
Even though we do our best to stick to scheduled times, there might be unexpected events, such as: Device break down, problems with computers, power shortage, medical urgencies and clients who need more support or do not collaborate. If your test is delayed, we will find alternatives to serve you as best as we can.

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**Refusal to Take**

I have been informed that the substances below were recommended to perform the test because they enhance efficacy. Even though I understand the importance of its utilization, **I DO NOT** authorize the use of:

- □ Gadolinium (contrast)
- □ Buscopan®
- □ Lasix®
- □ Vaginal Gel
- □ Not applicable

**Informed Consent**

I herein state that I have received information, read, understood and agreed with the items described above, and even though I have understood the explanations given to me, my questions have been answered and I am fully satisfied with the information provided, I may revoke the present consent at any time before the procedure object of this document is started:

- □ Patient
- □ Responsible person (next of kin)

Legible name: __________________________

Signature: __________________________ Identification document: __________________________

São Paulo ______/_____/______ Time: ______:______

**For internal use only**

I have explained the procedure, test, treatment and/or surgery that the patient above will undergo to the patient and/or the responsible person, including benefits, risks, alternatives, and I have answered all their questions. To my knowledge, the patient and/or responsible person was capable to understand what was informed to him/her.

Name of staff member: __________________________

Signature: __________________________ CRM/COREN/CRBM: __________________________

São Paulo ______/_____/______ Time: ______:______
Read carefully and answer the questions below.
These questions intend to make the procedure even safer, so answer the questions as candidly as possible. If you have questions, please ask the biomedical specialist or radiologist in the test room.

1 - Do you have or have you undergone
- Heart pacemaker or implantable defibrillator
- Brain aneurysm clip
- Intracranial pressure monitor
- Neurostimulator
- Ocular prosthesis with metallic material on the orbit
- Brain aneurysm clip
- Intracranial pressure monitor
- Neurostimulator
- Ocular prosthesis with metallic material on the orbit
- Orthopedic prosthesis or internal or external orthopedic metallic fixation material
- Plates, metallic sutures, needles or any other type of acupuncture material
- Breast implants or breast expanders
- Internal metallic ear prosthesis or hearing aid
- Metallic dental material (implants, prosthesis, orthodontic braces)
- A tattoo design or definitive make-up procedure in the past 15 days
- Piercing, false eyelashes extension or magnetic eyelashes
- Digestive endoscopy or colonoscopy with clip placing in the past 7 days
- Previous wound caused by metal fragment or firearm
- Do you have any other metallic/electronic device in the body?
- Any surgery before?

2 - If you have marked Yes for any of the questions above, please provide the details.

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3 - Clinical Safety
- Have you ever experienced allergic reactions to MRI contrast (gadolinium)?
- Do you have renal failure?
- Do you have severe asthma?
- Do you have previous allergies to medications or other substances?
- Have you been prescribed pre-medication before the test?
  If yes, have you taken the premedication as instructed? Yes No

4 - If you have marked Yes for any of the questions above, please provide the details

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5 - Female patients only
- Are you pregnant?
- Are you breastfeeding?

Patient’s signature:______________________________

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INTERNAL USE ONLY