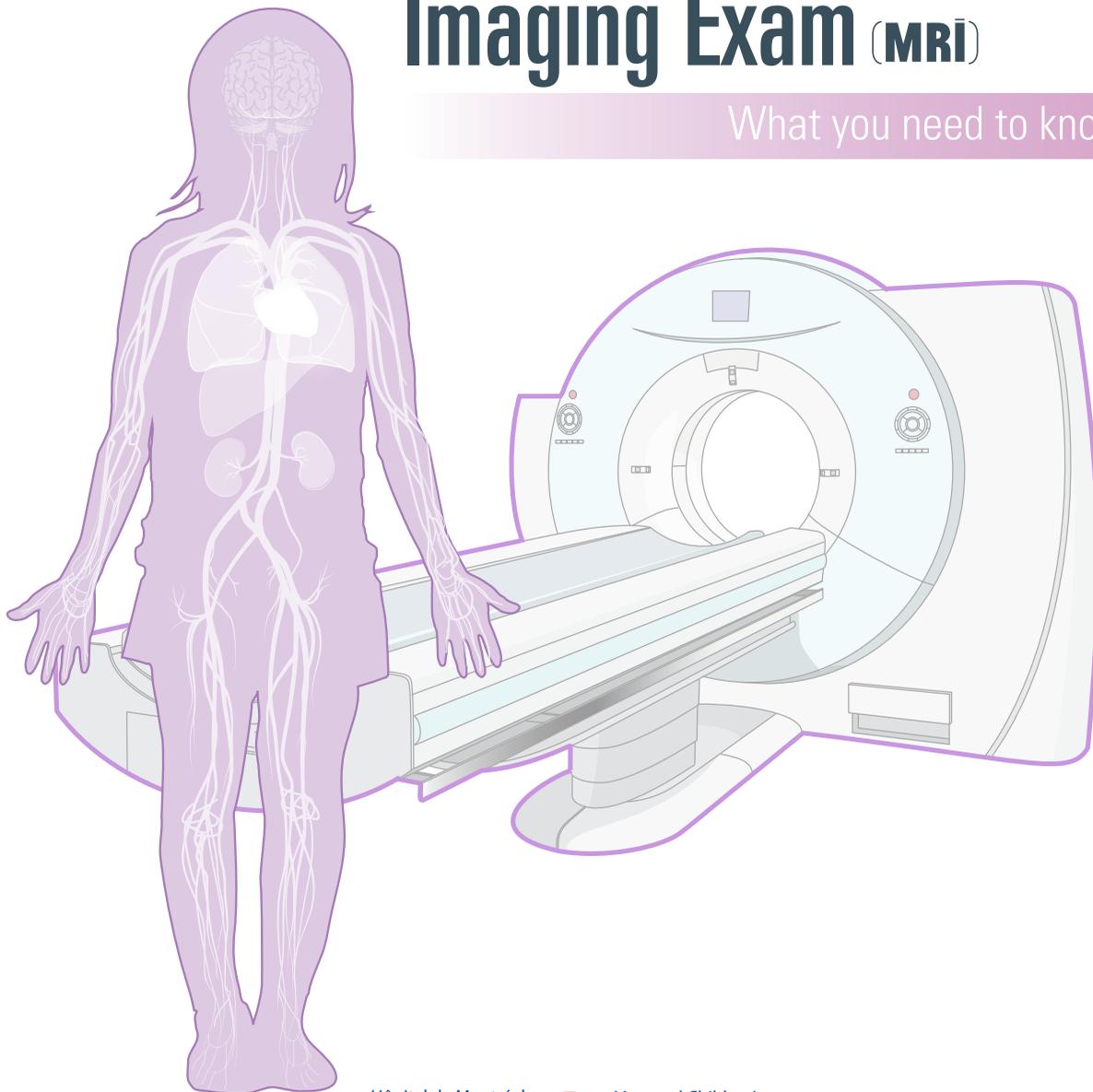


YOUR CHILD NEEDS A

Magnetic Resonance Imaging Exam (MRI)

What you need to know



Hôpital de Montréal
pour enfants
Centre universitaire
de santé McGill



Montreal Children's
Hospital
McGill University
Health Centre

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IMPORTANT: PLEASE READ

Information provided by this booklet is for educational purposes. It is not intended to replace the advice or instruction of a professional healthcare practitioner, or to substitute medical care. Contact a qualified healthcare practitioner if you have any questions concerning your care.

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Patient Education Office



This material is also available at:
MUHC Patient Education Portal
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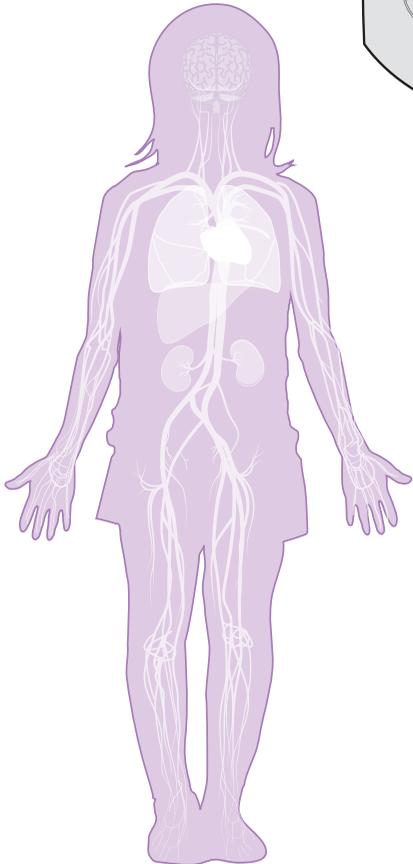
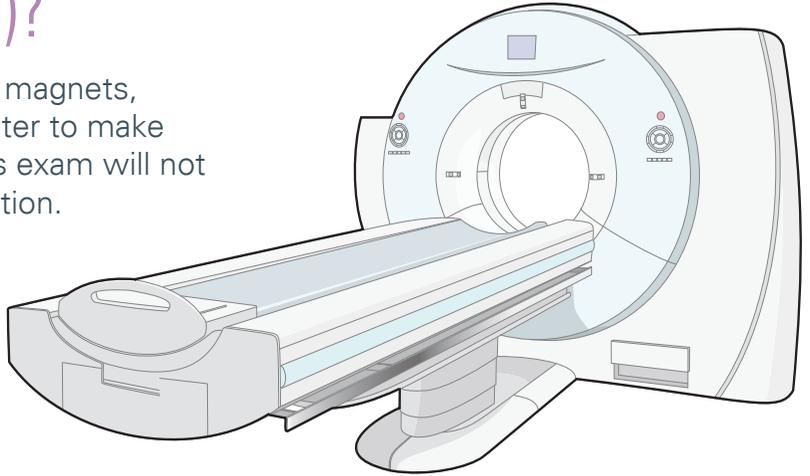
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About the MRI exam

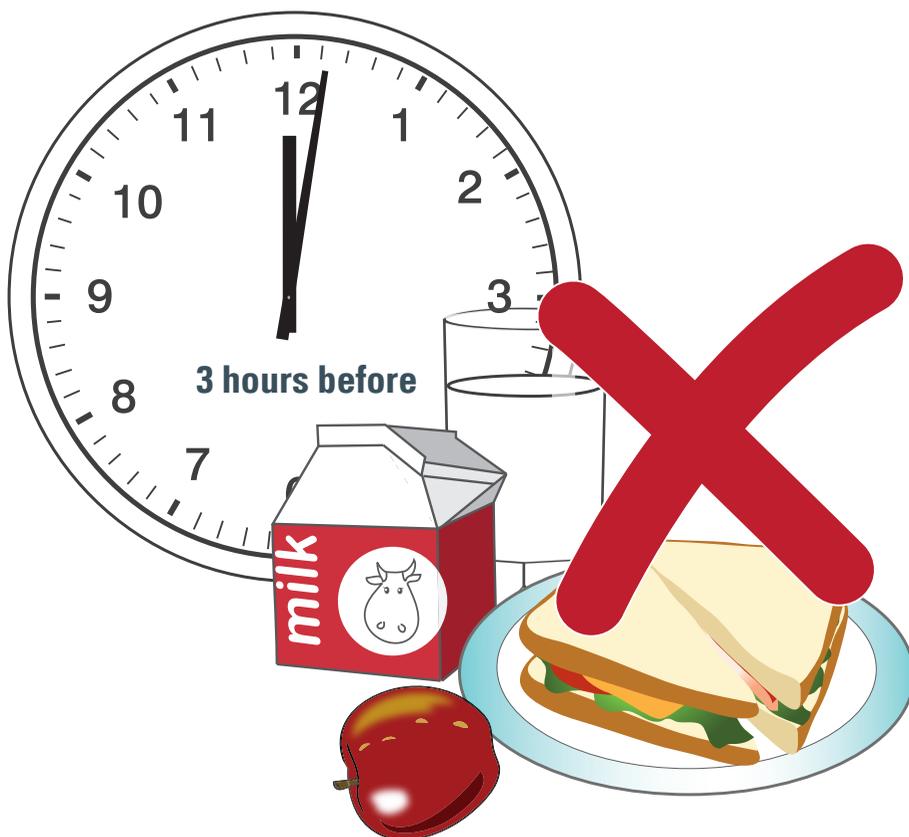
What is Magnetic Resonance Imaging (MRI)?

An MRI is an exam using magnets, radio waves and a computer to make very detailed images. This exam will not expose your child to radiation.



Your child may need to have an intravenous line (i.v.) placed in a vein for a short period of time so that we can give a contrast agent. A contrast agent is a liquid that helps us to get more information. This may be done just before or during the images.

Can my child eat and drink before the exam?



Your child cannot eat any solid food or have any liquid food or drink for 3 hours before the exam. He or she will need to fast. They also can't have any candy or gum before the exam.

Medications to take or stop taking before the exam:

If my child takes medication, can he or she take these as usual?

Yes, your child can continue to take his/her medication as usual (with sips of water). If you are unsure, please call us at: **(514) 412-4400, ext. 22448.**



Will my child need sedation?

This will be decided based on your child's age and ability to follow instructions. Find the age of your child to see what is usually done:



0 - 2 months old (newborn)
Natural sleep for exam.



6 weeks - 4 years old
Sedation for exam.



4 years - 6 years
No sedation or simulator for exam.



Older than 6 years
No sedation for exam.

Simulator

Watch a video of the simulator:

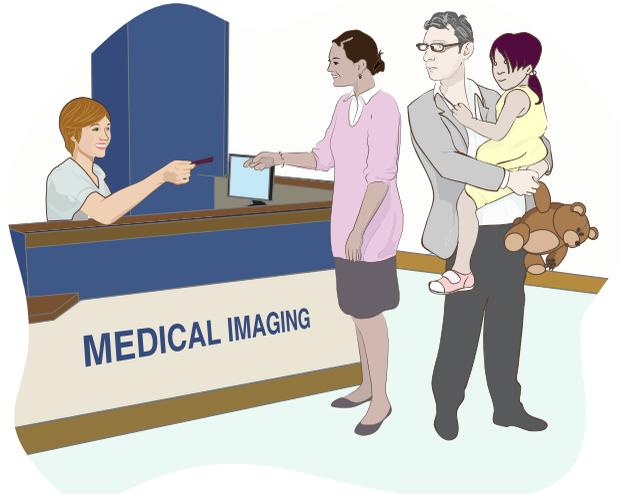
<https://montreal.ctvnews.ca/video?clipId=1369971>

On the day of this exam:

What happens on the morning of this exam?

1. Registration

- Make sure your child has his or her valid hospital card and Medicare card. If not, go to Block C, Ground level, room RC.C0036 and ask for a new card. The administrative agent will use this card to register your child.
- Go to the medical imaging registration desk, Block B, 2nd floor, room B, 02-2018 at the time scheduled for your appointment.

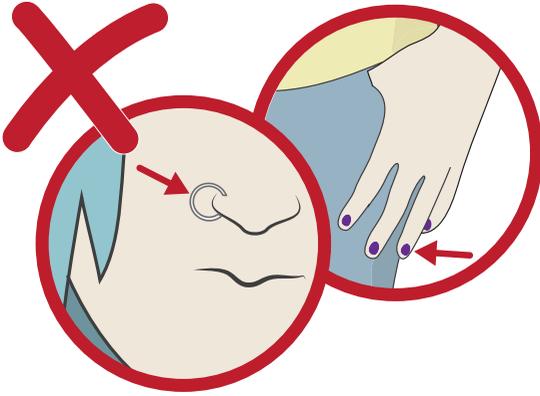


2. Wait

- The administrative agent will direct you and your child to the MRI waiting area. Wait there until you are called. The waiting area is directly across the hall from the Preparation and Recovery area.

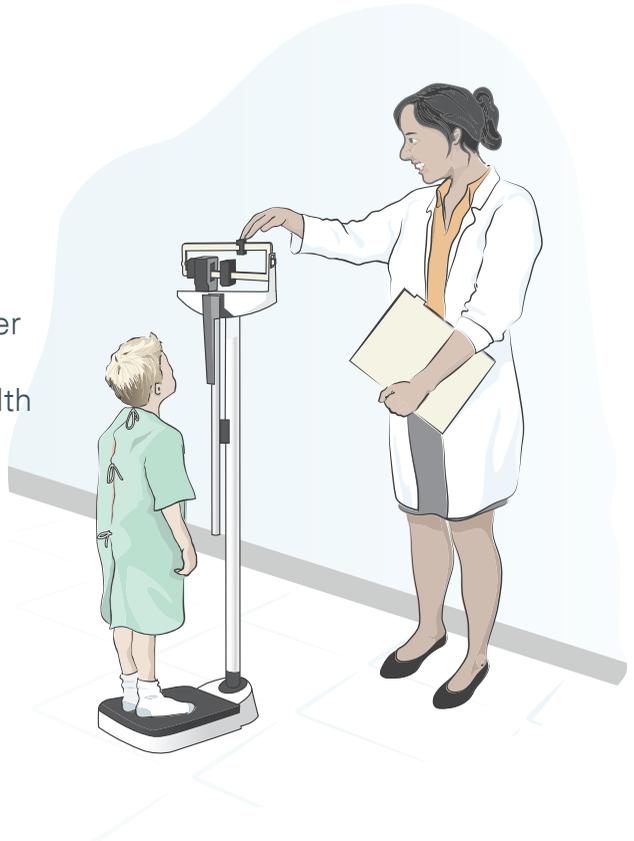


3. Prepare for the exam

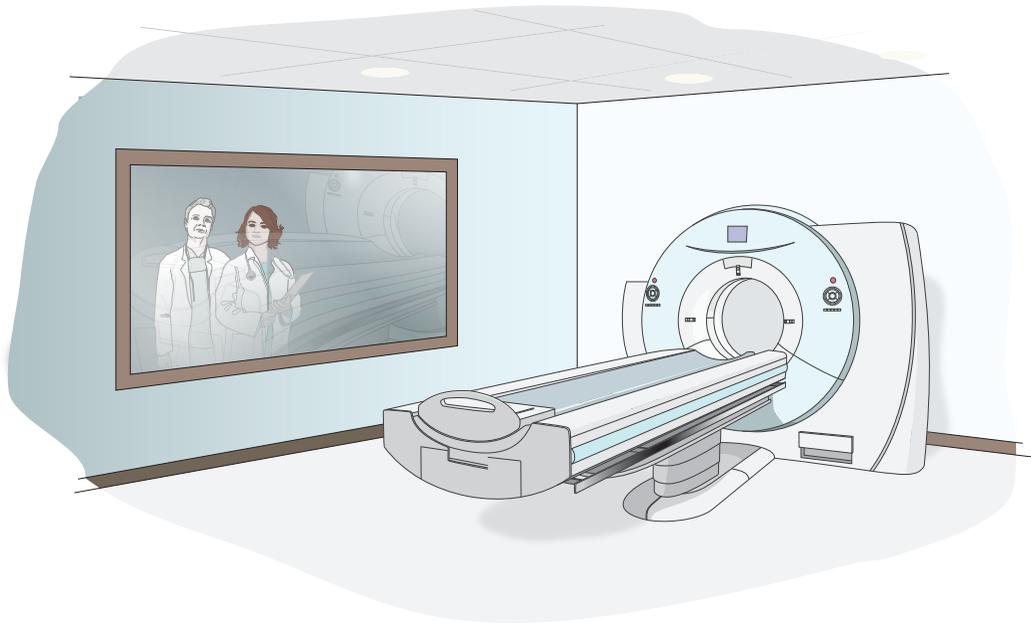


- A nurse or technologist will start the preparation steps and will bring you and your child to the MRI exam room.
- The nurse or technologist will ask your child to change into a gown and remove all jewelry (including piercings), nail polish and make up.

- The nurse or the technologist will weigh your child.
- Questions will be asked about your child's health (e.g. whether your child has allergies, takes medication, has any health problems).



4. Go to the MRI suite



- When it is time for the exam, the MRI technologist will bring you to the MRI suite. You may accompany your child into this room if it is safe for you to be in a magnetic environment (the technologists will ask you some questions to be absolutely sure). You will be asked to leave all metal items outside the MRI room (e.g. cell phone, money, watch).
- Please bring your own lock to keep your personal things safe.
- Siblings will not be permitted to enter the MRI suite during the exam. Please arrange supervision for them so you can be with your child during their MRI.



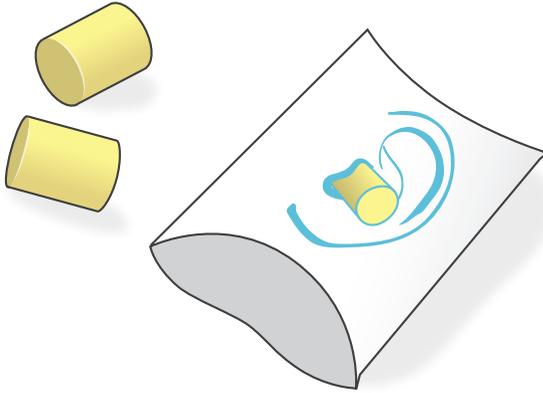
During the exam:

Will my child need any special preparation before the MRI?

One of the nurses or the technologists will insert an i.v. (intravenous line) if needed. This is to inject a contrast agent. This contrast agent will help us get more information from the images.



What should you and your child expect during the exam?



When the MRI is working, it makes a loud banging noise. We will give you and your child earplugs to wear, to reduce the noise. Your child can listen to music while they are being imaged and for some exams they can watch a DVD, so please bring in a CD or a DVD of your choice.

You can also bring a favorite teddy bear (which has no metal on or in it) to go into the MRI machine with your child. We will then ask your child to lie on the exam table. Once your child is comfortable, the exam will start.



How long does the MRI take?

It usually takes 15 to 60 minutes to take all the images. During this time, your child will need to stay completely still and follow the technologist's instructions through the speaker system. Your child will be able to answer them back.



After the MRI:

What happens after the exam?



As soon as the exam is finished you can go home, or back to the ward if your child is staying in the hospital. If your child received sedation, he/she will need to stay until fully awake.

Your child can eat and drink as normal and continue his/her usual activities.

Who can I call if I'm concerned or have questions once home?

If you have any questions or concerns, we are here to help. You can reach the Medical Imaging department at:

**514-412-4400, ext. 23966
or ext. 23663**

We are available from 07:30 until 16:30
Monday to Friday.

This part of the medical imaging department is not open on the weekend or after 16:30 during the week. If you need any help during these time periods, please call Info-Santé (phone number # 811).



Looking for information on

YOUR CHILD'S HEALTH?

Sickle Cell Disease A Family Handbook

This handbook is for:

This handbook is to help you and your family understand sickle cell disease and manage your child's care.

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ANESTHESIA for KIDS

Your child is scheduled for surgery at the Montreal Children's Hospital, we understand how important this is to both you and your child. Knowing more about the procedure and hospital stay will help you prepare. This booklet offers suggestions on how you can prepare and provide support to you child for surgery.

Name: _____ Arrival time: _____
Surgery date: _____ Surgery time: _____

TAKING CARE OF YOUR CHILD'S PAIN AFTER SURGERY

patient friendly book for:

Centre universitaire de santé McGill | McGill University Health Centre | Montréal

Pediatric Diabetes

SCHOOL PROTOCOL

This guidebook is for:

The guidebook is to help you and your child's school or daycare provider manage your child's care.

Leclay | Centre universitaire de santé McGill | McGill University Health Centre | Québec | PÉRIEUX

YOUR CHILD'S DAY SURGERY

patient friendly book for:

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Pediatric Diabetes: A family guidebook

The guidebook is for:

This guidebook is to help you and your family understand diabetes and manage your child's care.

Leclay | Centre universitaire de santé McGill | McGill University Health Centre | Québec | PÉRIEUX

How to bath your child

Once or twice a day, completely remove the entire barrier cream layer and reapply your child's barrier and softens their skin.

1. Gather your supplies
2. Put lubricant under towel to keep it from sticking to baby's bottom.
3. Use a soft washcloth and warm water to gently wash your child's skin.
4. Pat to dry with a towel. Do not rub.
5. With your fingers, gently rub a thin layer of barrier cream on your child's skin.
6. Put a diaper on.

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Going Home With Baby

Congratulations on the birth of your baby! This booklet contains important information that will help you return home safely. It includes topics that most mothers and partners have questions about after the birth of their baby.

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