

General Patient Information – MRI Buscopan

A guide to Buscopan

This information leaflet will explain what Buscopan is and why your child may need it. Please read this leaflet carefully. If you have any questions or concerns not answered by this leaflet, please contact the RBHSC MRI department or speak to a Radiographer.

What is Buscopan?

Buscopan is an ‘antispasmodic’ medicine, that is used to reduce spasm in certain procedures where that may be a problem e.g. bowel or pelvis imaging.

The Buscopan will be administered by inserting a cannula (small needle) into a vein in your child’s arm or your hand.

Before your child’s scan, we will check whether they have any allergies.

What are the benefits of having Buscopan?

This makes it easier for us to make certain diagnoses and identify health conditions earlier and/or more accurately than an MRI study without using Buscopan.

What are the risks?

Please tell the MRI Radiographer if any of the following conditions apply to your child:

- They are allergic (hypersensitive) to Buscopan
- They have glaucoma (an eye problem)
- They have ‘myasthenia gravis’ (a very rare muscle wasting problem)
- They have a very fast heart rate
- They have difficulty passing water (urine)
- They have gut blockage problems or a totally inactive gut
- They are pregnant or breast-feeding

Side effects include blurred vision, dry mouth and a faster heart rate. If your child experiences any of these, they should pass quickly.

If they still feel any side effects when their scan is finished, please tell the MRI staff so they can remain in the department until they pass.

Are there any alternatives?

Not all MRI studies need to use Buscopan. If your child's MRI requires Buscopan, a doctor (Radiologist) who is specially trained in the safety of it will have reviewed their medical history and decided that their MRI study needs Buscopan.

Asking for your consent

During the pre-scan safety check, you will be asked to sign the form if you consent to your child being given Buscopan. Please ask the Radiographer if you have any questions.

Will your child feel any pain?

Your child will need to have an injection to place a cannula (small needle) into their arm. We can use magic cream or freeze spray so that your child will not feel the needle.

What happens after your child's Buscopan injection?

You and your child will be required to remain in the department for 30 minutes after their injection, with their cannula in place. If your child is feeling well after 30 minutes, the cannula will be removed and you can go home.

If you and your child have left the hospital and have any side effects, please contact your GP for advice. If symptoms occur out of hours, contact your local emergency department.

The results will be sent to the doctor who sent your child for the scan.