



**RADIOLOGY DEPARTMENT
MRI SAFETY SCREENING QUESTIONNAIRE
CONTRAST**

Revised: 12/13/18

Exam Date: _____
Status: _____
DOB: _____ Age: _____
Name: _____
Ref Phys: _____
Att Phys: _____
Prim Care Phys: _____
Register/Admit Date: _____



Weight _____ Chief Complaint _____

Have you had recent imaging relating to this problem? Yes No if yes, where taken? _____

Have you had a recent MRI with gadolinium? Yes No if yes, Date: _____

Have you had repeat scans with gadolinium Yes No

Do you have kidney problems Yes No

Is it difficult for you to lie still? Yes No

Do you have a history of cancer? Yes No if yes, what type _____

Have you had any Iron therapy in the last 3 months? Yes No if yes, when? _____

Have you had any surgeries? Yes No if yes, please specify _____

Have you had a reaction to MRI contrast before? Yes No if yes, what reaction? _____

Are you claustrophobic? Yes No

The following item may be harmful to you during your MR scan or may interfere with the MR examination.

Please provide a "yes" or "no" answer for every item.

	YES	NO
Cardiac pacemaker or implanted cardioverter defibrillator/ICD?		
Internal electrodes or wires (pacing wires, DBS, or VNS wires)?		
Artificial heart valve, coil, filter, and/or stent (Gianturco coil, IVC filter)?		
Neurostimulator-TENS Unit, biostimulator, bone growth stimulator, DBS, VNS?		
Implanted drug pump (for chemotherapy medicine, pain medicine)?		
External drug pump (for insulin or any other medications)?		
IV access port (Port-a-Cath, Brobiac, PICC line, Swan-Gantz, Thermodilution)?		
Implanted post-surgical hardware (pins, rods, screws, plates)?		
Artificial joint and or limb?		
Artificial eye and/or eye lid spring?		
Eye injury from metal object (metal shavings, metal slivers)?		
Ear (Cochlear) implants, middle ear implant?		
Hearing aids?		
False teeth, dentures, metallic removable dental work, braces, retainers?		
Any type implant held in place by a magnet?		
Injured by a metal object (shrapnel, bullet, BB)?		
Medication patch (nitroglycerine, nicotine, contraceptive, estrogen)?		
Shunt or Sophy adjustable and programmable valve?		
Spinal fixation device, spinal fusion and/or halo vest, spinal cord stimulator?		
Surgical clips, staples, or surgical mesh?		
Tissue expander (breast)?		
Penile implant?		
Pessary, IUD, diaphragm?		
Radiation seeds (cancer Treatment)?		
Body piercing, tattoo, permanent makeup?		
Wig, hair implants?		
Are you pregnant and/or breast feeding?		



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If you answered yes to any of the questions on the front page, please discuss any concerns with the MRI technologist.

Instructions for the Patient, Parent, Guardian:

Please remove **ALL** jewelry, hair pins, ALL body piercing.

Please remove all dental work (false teeth, partial dental plates, retainers).

The MRI exam will take from 25 minutes to an hour, it will be very important that you hold as still as possible. There will be some acoustic noise and you will be provided with ear phones or ear plugs.

You will be provided with a locker to lock up all your belongings and the key will be brought with you into the scan room.

I attest the above information is correct to the best of my knowledge. I have read and understand the entire contents of this form and I have the opportunity to ask questions regarding the information on this form.

 Date Time Patient/Parent/Guardian Signature

 Date Time MR Technologist Signature

FOR MRI STAFF USE ONLY

CONTRAST ORDER/SIGNATURE

Contrast type: _____ Injection Amount: _____

Creatinine Value: _____ GFR Value: _____ Date Acquired: _____

Catheter size: _____ IV site: _____ Time started: _____ Time discontinued: _____

Today's date: _____ Technologist Signature: _____



NAME:

DOB:



Exam Date: _____

Status: _____

DOB: _____ Age: _____

Name: _____

Ref Phys: _____

Att Phys: _____

Prim Care Phys: _____

Register/Admit Date: _____



MRI Contrast (Gadolinium) Education Revised: 12/13/18

MEDICATION GUIDE

MULTIHANCE[®] (mə-l-tē-han(t)s) (gadobenate dimeglumine) Injection for intravenous use

What is MULTIHANCE?

- MULTIHANCE is a prescription medicine called a gadolinium-based contrast agent (GBCA). MULTIHANCE, like other GBCAs, is injected into your vein and used with a magnetic resonance imaging (MRI) scanner.
- An MRI exam with a GBCA, including MULTIHANCE, helps your doctor to see problems better than an MRI exam without a GBCA.
- Your doctor has reviewed your medical records and has determined that you would benefit from using a GBCA with your MRI exam.

What is the most important information I should know about MULTIHANCE?

MULTIHANCE contains a metal called gadolinium. Small amounts of gadolinium can stay in your body including the brain, bones, skin and other parts of your body for a long time (several months to years).

- It is not known how gadolinium may affect you, but so far, studies have not found harmful effects in patients with normal kidneys.
- Rarely, patients have reported pains, tiredness, and skin, muscle or bone ailments for a long time, but these symptoms have not been directly linked to gadolinium.
- There are different GBCAs that can be used for your MRI exam. The amount of gadolinium that stays in the body is different for different gadolinium medicines. Gadolinium stays in the body more after Omniscan or Optimark than after Eovist, Magnevist, or MultiHance. Gadolinium stays in the body the least after Dotarem, Gadavist, or ProHance.
- People who get many doses of gadolinium medicines, women who are pregnant and young children may be at increased risk from gadolinium staying in the body.
- Some people with kidney problems who get gadolinium medicines can develop a condition with severe thickening of the skin, muscles and other organs in the body (nephrogenic systemic fibrosis). Your healthcare provider should screen you to see how well your kidneys are working before you receive MULTIHANCE.

Do not receive MULTIHANCE if you have had a severe allergic reaction to GBCAs including gadobenate dimeglumine, or any of the ingredients in MULTIHANCE.

Before receiving MULTIHANCE, tell your healthcare provider about all your medical conditions, including if you:

- have had any MRI procedures in the past where you received a GBCA. Your healthcare provider may ask you for more information including the dates of these MRI procedures.
- are pregnant or plan to become pregnant. It is not known if MULTIHANCE can harm your unborn baby. Talk to your healthcare provider about the possible risks to an unborn baby if a GBCA such as MULTIHANCE is received during pregnancy
- have kidney problems, diabetes, or high blood pressure.
- have had an allergic reaction to dyes (contrast agents) including GBCAs

What are the possible side effects of MULTIHANCE?

- See "What Is the most Important Information I should know about MULTIHANCE?"
- **Allergic reactions. MULTIHANCE can cause allergic reactions that can sometimes be serious. Your healthcare provider will monitor you closely for symptoms of an allergic reaction.**
The most common side effects of MULTIHANCE include: **nausea, headache, feeling hot, or burning at the injection site.**
These are not all the possible side effects of MULTIHANCE. Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

General information about the safe and effective use of MULTIHANCE.

Medicines are sometimes prescribed for purposes other than those listed in a Medication Guide. You can ask your healthcare provider for information about MULTIHANCE that is written for health professionals.

What are the ingredients in MULTIHANCE?

Active ingredient: gadobenate dimeglumine

Inactive ingredients: water

Manufactured by: BIPSO GmbH-78224 Singen (Germany)

Manufactured for: Bracco Diagnostics Inc., Monroe Township, NJ 08831

US Patent No. 4,916,246

For more information, go to www.imaging.bracco.com or call 1-800-257-5181. This Medication Guide has been approved by the U.S. Food and Drug Administration

Issued: 04/2018 COEB403



NAME:

DOB: