



GSU/GT Center for Advanced Brain Imaging
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Magnetic Resonance Imaging Contraindication Screening Form - Child Version

MRI can be dangerous for people with certain conditions. MRI uses a very strong magnet that may cause metal objects in your child's body to move around and cause injury.

Please carefully read the following statements and *let us know if any apply to your child.*

This information will help us determine whether your child can safely enroll in the study.

MRI EXPERIENCE

Has your child ever had an MRI? If so, why?

If yes, did they experience any complications during MRI? If yes, please explain.

SAFETY QUESTIONS

If the answer is YES to any of these questions about your child, IT IS NOT SAFE for them to be in this study.

Does your child have any of the following: cardiac pacemaker, ferromagnetic aneurysm clip, neurostimulator, joint replacement, blood clot filter, hearing aids, cochlear implant, prosthetic, insulin pump or any other implant? *{The high magnetic field interferes with the proper functioning of pacemakers. Metal implants may be bent, pulled out of place, and may cause internal damage.}*

Does your child have any metal in their body or eyes? This includes pins, screws, shrapnel, plates, and braces on their teeth, dentures, dental bridges, dental implants, and IUD. *{Metal implants may be bent or pulled out of place. For instance, shrapnel from an old car wreck wound left lodged near vital organs may be pulled by the magnet. These effects could cause internal damage.}*

Is your child claustrophobic? *{The MRI scanner is a very narrow enclosed space. It has been compared to a tanning bed or torpedo tube. The coil [or helmet like device your head is placed in] will be mere centimeters—possibly less—from the tip of your nose. Your head is placed in padding to help you hold it as still as possible. Although you can get out of the magnet at any time during the experiment if you feel seriously uncomfortable, you should be aware that this is an extremely confined space, and you will need to lie still for an hour or more.}*

Does your child have a large frame? *{The Magnetic Resonance Imaging table can support up to 440 pounds. Because the space is so narrow, people who are extremely large or obese cannot participate.}*

HEALTH QUESTIONS

Certain medical conditions may not be eligible for some studies.

The experimenter will tell you whether you need to answer the following four questions.

Has your child ever had brain surgery? *{Note that un-retrieved device fragments may become dislodged and cause internal damage.}*

Has your child had any type of surgery in the last 3 months?

Does your child have any of the following conditions? Sickle cell anemia, Bipolar Disorder, Schizophrenia, Multiple Sclerosis, Motion Disorder (i.e. ataxia, tremors, Parkinson's)?

Does your child have a history of stroke or heart attack?

If the answer is YES to any of the following questions about your child, IT MAY NOT BE SAFE for your child to be in this study. You will need to discuss these points with the experimenter.

Does your child wear a medicated adhesive patch? *{Medicated adhesive patches with metal backing may heat up and burn the skin during MRI. If so, the experimenter may ask whether the patch can be removed during MRI.}*

Does your child have any non-removable jewelry, facial piercing, or artificial cosmetics enhancements (i.e. hair extensions, magnetic eyelashes, etc.)? *{Some materials used in jewelry and artificial cosmetic enhancements like surgical steel may heat up and become uncomfortably warm. Some materials used in hair extensions may cause images to be blurry.}*

Does your child have any tattoos or permanent makeup? *{Some tattoo and permanent makeup dyes contain metal fragments that may heat up and become uncomfortably warm or cause swelling.}*

Does your child have now (or ever had) any of the following? ADD/ADHD or any other neurological or psychological disorder?

Does your child have now (or ever had) any of the following? Epilepsy, a seizure, loss of consciousness for more than a few seconds, or brain damage? *{If so, the completion of a special seizure protocol by your doctor may be required before you can be in this study.}*

Has your child ever been seen by a neurologist, psychiatrist, or psychologist (not counselor)?

Does your child take tranquilizers, sleeping pills, anxiety or depression medication, or other psychological medications?

Does your child have now (or ever had) any of the following? Heart disease, anemia, diabetes, or high or low blood pressure?

Does your child use prescription or recreational drugs?

Does your child now or have they ever used or abused alcohol?

Does your child have now (or ever had) untreated respiratory problems (e.g., severe asthma, emphysema)?

Does your child have now (or ever had) any of the following vision conditions? Untreated cataracts, untreated glaucoma or macular degeneration?

Does your child need glasses and cannot wear contact lenses? *{Most studies require responses to visual cues or instructions, so normal vision is usually required. In these studies, contact lens corrected vision is considered the same as normal vision.}*

Does your child have any hearing difficulties? *{If so, you might be asked about your hearing in each ear.}*

Does your child have any orthopedic issues such as arthritis or back pain that would make it difficult for them to sit or lie still for at least an hour or to use a keyboard?

Does your child have any other physical or mental concerns that you have not mentioned so far?

Is your child pregnant or breastfeeding? *{WOMEN OF CHILDBEARING POTENTIAL WHO ARE CONSIDERING BEING IN THIS STUDY SHOULD ESPECIALLY NOTE: THE RISK TO FETUSES FROM EXPOSURE TO MRI ARE CURRENTLY UNKNOWN.}*

Please tell the experimenter about any safety concerns that you may have.

THANK YOU FOR YOUR INTEREST