

Study: MRI Study of Fetuses with Down Syndrome

Tufts Medical Center approved study # 10214

Call for Participation

The Mother Infant Research Institute at Tufts Medical Center is conducting a fetal brain imaging study to help us understand more about brain development in fetuses with Down syndrome in ongoing pregnancies. We hope to develop prenatal treatment for Down syndrome, and this information in untreated fetuses is needed for a baseline. This study uses a **safe**, non-invasive MRI scan to look at the fetal brain. MRI studies make high-resolution pictures of the fetal brain.

You may be eligible to participate in the study if you have:

- A pregnancy in which your fetus has been diagnosed with Down syndrome, or you have had a fetal DNA test result that is strongly suspicious of Down syndrome

When you participate in this study, we will ask your permission to obtain:

- 2 fetal MRI studies at 22~24 and/or 28~32 weeks of pregnancy

When participating in our study:

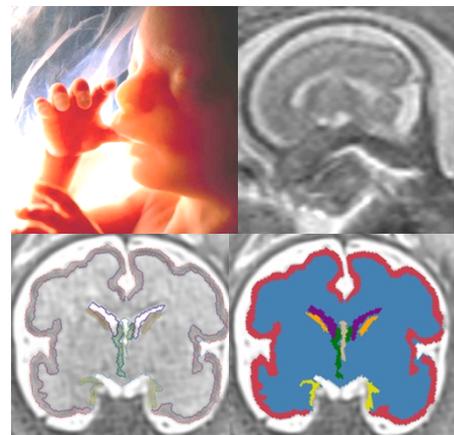
- The fetal MRI scan(s) will be performed at no cost to you or your insurer. Please note that there is no radiation involved. MRIs are safe for you and your baby. This study has been approved by Tufts Medical Center.
- You will receive an in-person explanation and written report of the findings of the MRI scan.
- If any unexpected findings are seen in you or your fetus, the research team will refer you to the appropriate specialists at Tufts Medical Center or at the institution where you are receiving medical care.
- You will receive free parking ticket(s) for MRI scan(s) at Tufts Medical Center.
- You will help families who are having babies who have Down syndrome.

If you would like to learn more about our study, please contact:

Dr. Tomo Tarui

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Phone: 617-636-5729



This is a joint multidisciplinary research project of Tufts Medical Center, Brigham and Women's Hospital, Women and Infants' Hospital, Departments of Pediatrics, OB/GYN, and Radiology. Principal Investigator: Tomo Tarui, MD, Tufts Medical Center approved study (#10214)