Infant MRI Visit
MRI imaging during baby’s naptime
4-6 weeks old

Center for Investigating Healthy Minds
Baby Brain and Behavior Project
Where will the visit take place?
Park in the blue stalls with your visitor permit, and meet us in the main lobby entrance.
Who will be there?
Meet our Friendly Research Team

- Beth
- Corrina
- Cory
- Diane
- Doug
- Maria
Meet our MRI Technicians

Michael

Ron

Scott
What should I bring?
Remember to bring...

- A warm layer for yourself
- Diapering supplies
- Whatever you need to feed your baby, including a burp cloth
- A special toy or item to help baby fall asleep
How long is the visit?
MRI visit and scan duration

- The entire visit is 2-3 hours, often depending on how long it takes for your baby to fall asleep
- The MRI scan should last between 30-45 minutes if baby stays asleep, or a bit longer if baby wakes up
In the prep room, prior to the MRI scan we will:

- Review study forms and visit schedule
- Answer your questions
- Ask you to diaper and swaddle your baby
- Provide privacy for you to feed and rock your baby to sleep
- Ask that you hold your baby for 5 minutes after she/he falls asleep
In the MRI suite as baby remains asleep

- Baby will sleep for 10 minutes in the “Super Swaddle”
- Head coil will be slid over baby’s head
- Scanner bed will be slid into scanner core
- During the scan, a researcher will have a hand placed on baby
- Parent can rest hand on baby during the scan, or sit nearby and rest
Will my baby be comfortable?
Making sure baby is comfortable …

- Full belly
- Fresh diaper
- Quiet ear protection
- Cozy swaddling
In the MRI suite, while baby naps in a parent’s arms

- Earplugs will be quietly placed inside baby’s ears
- Minimuffs will be placed over earplugs

Once baby’s ears have been protected, the noise level baby will hear should be similar to that of a refrigerator.
In the MRI suite, once baby has been asleep for a few minutes

- You will be asked to gently lay sleeping baby on a specialized pad, our “super swaddle”
- The “super swaddle” will be wrapped around baby to provide extra comfort and reduce movement
Is MRI safe?
Facts about MRI scans

- MRI uses a magnetic field and radio waves to acquire images
- MRI scans do not involve radiation and are non-invasive
- Researchers at the Waisman Center have safely run over 12,000 scans since 2003
- Our researchers take all measures to ensure the health and safety of subjects
We look forward to meeting you!

Please contact us if you have any further questions
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