Purpose
The purpose of this research study is to determine if a magnetic resonance imaging (MRI) technique can be used to detect subtle changes in the brain of young children who have been found to have a low level of an enzyme that is associated with Krabbe disease. As newborn screening for Krabbe disease becomes widespread, this tool can aid physicians and families with decisions about treatment and follow-up care.

Procedures
Participants will have a comprehensive developmental evaluation and an MRI scan three times over a two-year period. During the visit, the developmental evaluation will take two to three hours, depending on the child’s age, and the MRI will take about one hour.

Reimbursement
Travel and accommodations will be provided.
Investigators

Principal Investigator
Maria L. Escolar, MD, MS

Co-Investigators
Michele Poe, PhD
Martin Styner, PhD

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If you would like your child to participate in this study, please contact our study coordinator.
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For further information, visit www.chp.edu/ndrd.

This research study is being conducted by the Program for the Study of Neurodevelopment in Rare Disorders at Children’s Hospital of Pittsburgh of UPMC.