

MECP2 Related Syndromes: Research Opportunity

Auditory Assessment of Language and Learning

Vocabulary Assessment

We will use the Peabody Picture Vocabulary Test (IV addition) to assess your child's current language level. This test was chosen because it does not require a verbal response.

Auditory Processing* – Language and Learning

Your child will listen to several different “sets” of words and nonwords, and to a “set” of names (some familiar to them). This task only requires your child to sit and listen while wearing modified EEG electrodes. These electrodes are part of a cap that is placed on the child's head. The cap uses salt water to transfer brainwaves and is very easy to place on the child's head and remove.

We are recruiting, 15 patients with genetically confirmed RTT, 15 with genetically confirmed *MECP2* duplication syndrome, and 30 typically developing children (for comparison). Participants will need to be between the ages of 4 and 12 years old.

*Because of the auditory tasks, we will conduct a quick hearing screen on each participant.

If you are interested or would like more information regarding our study, **please contact: Dorita Jones, Study Coordinator 615-343-1961**
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