Who are we?

We are the Sheryl and Daniel R. Tishman Cognitive Neurophysiology Lab (CNL), a part of the Children’s Evaluation and Rehabilitation Center (CERC) at Albert Einstein College of Medicine. Our child-friendly team is composed of highly trained clinical psychologists, research scientists, post-doctoral fellows, and Ph.D. students who are bridging the gap between the clinical and research worlds with the ultimate goal of developing optimized and targeted intervention programs.

Does your child have 22q11.2 deletion syndrome?

Is he/she between the ages of 6 and 18 years old? … if so, your child may qualify for a research study on the neurogenetics of 22q11.2 deletion syndrome.

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What is this study about?

We use genetic information, cognitive neuropsychological testing and electroencephalography (EEG) to characterize 22q11.2 deletion syndrome. This will help us uncover ties between genetics, phenotypic biomarkers and disease, providing the potential to better understand the neural and mechanistic basis of the syndrome.

What is EEG?

EEG is a simple, painless way to read brainwaves. Electrodes are plugged into a cap, which is like a swim cap. These electrodes act like tiny microphones that detect and record the electrical activity taking place in the brain. EEG does not affect or impact brain functioning in any way.

What does it feel like?

Your child will wear a cap while being presented with sounds and pictures. A small amount of gel is placed in each hole in the cap. This enables the electrode to pick up the brain electrical activity. The gel washes out easily with water. Our lab is equipped with a hair-wash sink, shampoo, and a blow-dryer.

Who can participate?

Children ages 6 and up with a diagnosis of 22q11.2 deletion syndrome are eligible to participate in this study.

When is the study?

The study consists of up to four visits, each of which will be 2-6 hours long.

Where is the study?

The study takes place at the Cognitive Neurophysiology Laboratory in the Van Etten building at Albert Einstein College of Medicine in the Bronx. The lab is easily accessible by subway, bus, and car.

You will be compensated $15/hour for the neuropsychological testing and the EEG recordings up to the point that your child either completes or withdraws from the study.