RESEARCH

EINSTEIN
Albert Einstein College of Medicine

WHO ARE WE?

We are researchers at Albert Einstein College of Medicine. Our child friendly team is composed of highly trained geneticists, clinical psychologists, research scientists, and trainees who are bridging the gap between the clinical and research worlds with the ultimate goal of developing optimized and targeted intervention for 22q11.2DS (velo-cardio-facial syndrome/DiGeorge syndrome).

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Do You or Your Child Have 22q11.2 Deletion Syndrome (22q11.2DS)?

Are you interested in participating in research?

. . . Help us understand genetic contributions to differences in how your brain works in 22q11.2DS.

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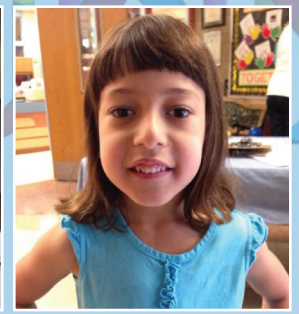

WHAT IS THIS STUDY ABOUT?

We use genetic information, cognitive neuropsychological testing and electroencephalography (EEG) to characterize 22q11.2DS. 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. We also are interested in differences in medical symptoms and genetics.

WHAT DOES IT INVOLVE?

- Drawing a small portion of blood and/or collecting a saliva sample
- Testing cognitive functions
- Recording EEG
- Obtaining existing medical chart records

HOW MUCH TIME WILL THIS TAKE?

The study consists of up to four visits, each of which will be 2-6 hours long. We will do our best to accommodate your schedule.

WHAT IS EEG?

EEG is a simple, painless way to read brainwaves to understand how the brain works. Sensors are plugged into a cap, which is like a swim cap. These sensors are 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. A small amount of gel is placed in each hole in the cap. This enables the sensor 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.

WHAT ABOUT GENETICS?

We want to find out why some individuals with 22q11.2DS have medical or behavioral problems and others don't.

WHO CAN PARTICIPATE?

Individuals ages 6 and up with a diagnosis of 22q11.2DS are eligible to participate in this study.

WHERE IS THE STUDY?

The study takes place at The Sheryl and Daniel R. Tishman 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 you either complete or withdraw from the study.