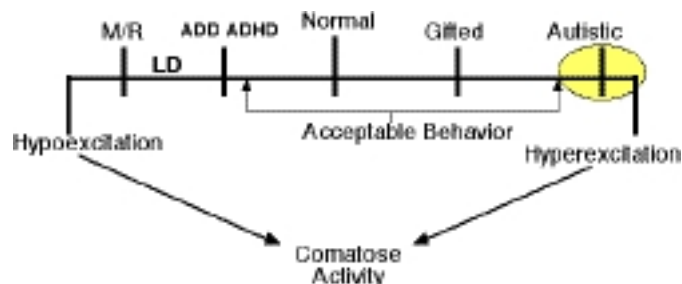


## Autism



Several contributing factors must be taken into account when looking at the typical child with autistic spectrum tendencies. These include neurodevelopment, biochemical imbalances, autoimmune inefficiencies, potential brain trauma, and other medical issues, such as allergies and metabolic function.

From a neurodevelopment point of view, Autism tends to be hyper-sensory related, as well as deficiencies in auditory and language processing. The cortex seems to be in a hyper-excited state where the brain becomes flooded with all incoming input. Filtering the input is sometimes distorted and at other times may be so flooded that it can appear to be absent.

The Parietal lobes, where sensory input function is located, are out of balance. Often, the sensory information that the brain receives is clouded or distorted, therefore, the individual will have a distortion of reality. It is this distortion that promotes the behavior related to autism.

In order to clearly understand the impact of neurological development, Crossroads Institute conducts a complete NeuroGeniSys Procedure which includes a brain map, cognitive abilities assessment, neurodevelopment assessment, auditory processing and visual processing assessment and when indicated a speech evaluation to indicate which regions of the brain may be adversely effected.

After the collection of data, a Report of Findings is put together by our team of specialists. Based on those findings, a specific program that targets the imbalances and deficiencies is recommended.

This typically includes our neurodevelopment program, which targets the most fundamental brain-based underpinnings. In addition, if appropriate, we combine auditory, visual, speech/language, sensory-motor planning and cognitive function. One of our many tools that may be used in conjunction with other neurodevelopment tools is neurotherapy. It is often indicated for children with autism spectrum disorder. When properly applied to the proper locations, based on a QEEG, neurotherapy assists in the elimination of inhibitors that can create the flooding effect and in turn, cause the hypersensory issues.

Once the brain receives "distortion-free" input, the inner-feedback loops located within the brain have an opportunity of "re-setting" and re-establishing neural connections. This then allows the child to begin receiving input appropriately. During these therapy session, clients may receive neurodevelopment exercises which can include reflex therapy.

The Neurodevelopment Program and 1-2-3 Grow Program ensures that any missed stages of

neurological development can be corrected so that the child can engage completely within their learning and social environment. Auditory processing therapy works with hyper- and hypo-acoustic issues (over-sensitivity to sound or apparent lack of hearing certain sounds). Social and behavioral issues are addressed if needed.

A home based program is also outlined so that parents may work with their child at home and in between sessions with Crossroads Institute. It is imperative that the home based program take place simultaneously for the best results. It is the consistency of the entire program that leads to best results. Our results have shown if the child is properly stimulated, neuro-developmental maturing can take place. These children typically begin to communicate appropriately, show emotional expression, stemming stops, and the child is able to regulate control with regard to life's demands.

Health of the body is as important as health of the brain. If one area remains out of balance the other will be adversely affected and both will be limited.

Crossroads Institute believes in a truly integrated approach to autism. If our NeuroGeniSys Procedure indicates biomarkers that are affected we may recommend one of our medical professionals work with you and your child. Across the country, each of our facilities is affiliated with licensed, medical professionals who work with our various populations effectively and efficiently. These medical professionals are familiar with the Crossroads Program and are pleased to be affiliated with our programs.

This program is not a quick fix, nor do we know of any programs that are. However, we have discovered over the past decades, if the care that is provided combines neurodevelopment with cognitive and behavioral therapies along with medical balance, then the chances for success are much greater.

For frequently asked questions, please [click here](#).

For articles of interest about Autism please [click here](#).