

An Overview of Biomedical Treatment in Autism

Presenter: Jaquelyn McCandless, MD

Intended Audience: All Audiences

Session Description

Autism is an autoimmune disorder manifesting in social, verbal, and cognitive dysregulation in those afflicted, usually identified by three years of age. Previously thought to be primarily a genetic disorder, convincing studies now indicate that autism occurs predominantly in those with a genetic predisposition (family history showing autoimmune disorder) who also receive an environmental insult, or “trigger” of a toxic nature at a critical stage of development, especially in utero or early infancy. Adjuvants in infant and childhood vaccines are suspected as a factor in the now epidemic proportions of children on the autism spectrum. Medical disorders are found in the majority of autistic persons, and most of these conditions show a positive response to bio-medical/nutrient/detoxification treatments based on appropriate testing often with marked improvement. Medical abnormalities related to autism spectrum disorder are:

- 1) Food hypersensitivities, primarily gluten and casein
- 2) GI issues: Diarrhea, constipation, gut inflammation, pathogen invasion
- 3) Nutrient deficiencies and metabolic abnormalities
- 4) Toxic states with inflammation and oxidative stress due to inability to excrete toxins adequately
- 5) Immune disorders leading to viral, bacterial, and fungal infections

Educational and behavioral therapies are important and currently considered the more accepted treatment of autism, yet it has been shown in multiple cases that these therapies are more effective when medical issues are properly evaluated and treated. Naturally a healthy child learns more effectively. This overview presentation of bio-medical treatments presents a linear instructional “how-to” of effective strategies for testing and treating medical disorders frequently found in those with autism.