

Clinic For  Special Children
TREATING THE WHOLE CHILD

Functional Medical Genomics
at Clinic for Special Children

The Clinic for Special Children is pleased to announce a new service, Functional Genomic Analysis™, now available for all ages, even our kids! Imagine a personalized reference guide to key health functions such as digestion, vitamin B cycles, immune function, cardiac function, the brain, and the ability to handle the toxins of our day.

- According to www.genome.gov, “**Genomic medicine** is an emerging **medical** discipline that involves using **genomic** information about an individual as part of their clinical care (e.g. for diagnostic or therapeutic decision-making) and the health outcomes and policy implications of that clinical use.”

This testing and follow-up analysis is now available at the Clinic in collaboration with FGA™, a respected platform that will analyze a wide array of genetic variants for the purpose of understanding your child’s unique metabolic differences and potential health weaknesses. With this knowledge you, as a parent, can predict at an early age your child’s potential for disease and gain the tools to reduce those vulnerabilities with common sense lifestyle changes and targeted nutrition.

We have been collaborating with the FGA™ platform for several years. They can now analyze many thousands of genetic data points and organize that information by metabolic system. With this advancement, our Providers now can bring this cutting-edge genetic information to our daily clinical care.

Using symptom analysis, family history, and other lab testing, our Providers now can further evaluate the interplay between genetic predispositions and symptom manifestations. With her strong background in the genetics of human development, Dr. Harum is uniquely able to take this form of advanced genetic sequencing information and work with all of our Providers in creating a clear and measured treatment plan for your child or wellness plan for your healthy infant. This type of genetic testing is a clever, practical, and efficient utilization of the new field of medical genomics.

What can this test do for my child if I have a strong family history of autoimmune disease?

With more detailed genetic information about the human leukocyte antigen (HLA) system, we may be able to predict autoimmune tendencies and recommend strategies to avoid them.

- The HLA system helps the immune system distinguish the body’s own proteins from proteins made by foreign invaders such as viruses and bacteria.

What can this test do for my child if I have a strong family history of mental health problems, ADHD, etc.?

With information about neurotransmitter (chemicals made by your brain and sent throughout your body) production and breakdown, we may be able to predict mental health predispositions and reduce those predispositions.

What can this test do for my child if I have a strong family history of cancer?

With information about the detoxification systems, we may be able to predict difficulties with toxin-related cancer and other toxin-related disorders, knowing then how to reduce those predispositions.