FACTSHEET: FRAGILE X SYNDROME

What is Fragile X Syndrome?

Fragile X Syndrome is a genetic disorder that causes intellectual disability and learning challenges. Most males are affected and fall within the range of moderate and mild intellectual disabilities. Features include long and narrow faces, large ears and a prominent jaw and forehead.

Prevalence

- Males are more affected than females
- Seizures occur in about 15% of males and 5% of females
- 1/3 individuals have similar characteristics of autism
- Fragile X occurs in approximately 1 in 4,000 males and 1 in 8,000 females

What Causes?

Fragile X Syndrome results from a change or mutation found on the X chromosome. Research shows that not everyone with he mutated gene displays symptoms of Fragile X Syndrome. This may be due to the size of the Mutation. , the number of cells that have the mutation.

What are the Signs and Symptoms?

- Dislikes being touched
- Difficulty in changed routines
- Good Memory
- Good mimicking skills
- Hand biting
- Gastrointestinal issues
- Impulsivity
- Long Face
- Prominent ears
- Flat feet
- Poor abstract thinking
- Weak fine motor skills
- Shyness
- Perseveration

Co-Occurring Disorders

- ADHD
- Autism Spectrum Disorder
- Intellectual Disability
- Learning Disability
- Seizures