

## #1 Genetic Cause of Cerebral Palsy

### What is CTNNB1 Syndrome?

A rare disease caused by variants of the CTNNB1 gene that result in decreased levels and/or function of the beta-catenin protein.

### Estimated Prevalence:

**3 in 100,000**



### Symptoms Can Include



- Cognitive impairment
- Microcephaly
- Behavioral challenges
- Sleep disturbances
- Limited speech / nonspeaking
- Epilepsy



- Truncal hypotonia
- Peripheral spasticity
- Dystonia



- Exudative vitreoretinopathy
- Strabismus
- Refractive errors



- Tethered spinal cord
- Congenital heart defects
- Osteopenia
- Scoliosis
- Feeding difficulties
- Gastrointestinal problems

