

Genetic Disorder Prediction Report

Patient Age: 45

Gender: Male

Predicted Disorder: Genetic Disorder

Subclass: Leigh syndrome

Date: 14-02-2026

Description:

Overview

Leigh syndrome is a rare genetic disorder that affects the brain and nervous system. It usually appears in

Causes

Leigh syndrome is caused by changes (mutations) in genes that are important for producing energy in ce

Symptoms

Symptoms of Leigh syndrome can vary widely but often include:

- Delayed development or loss of motor skills (like sitting or walking)
- Weakness in muscles
- Seizures
- Breathing problems
- Poor feeding
- Abnormal movements or coordination issues
- Changes in behavior or personality

Symptoms usually start in the first year of life, but they can sometimes appear later.

Diagnosis

To diagnose Leigh syndrome, doctors will typically:

1. **Take a Medical History**: Discuss the child's symptoms and family history.
2. **Perform a Physical Exam**: Look for signs of neurological problems.
3. **Order Tests**: This may include blood tests, MRI scans of the brain, and genetic testing to identify an

Treatment

Currently, there is no cure for Leigh syndrome, but treatment focuses on managing symptoms and improv

- Physical therapy to help with movement and coordination
- Medications to control seizures
- Nutritional support, sometimes through special diets or feeding tubes
- Regular monitoring by a team of healthcare providers, including neurologists and dietitians

Follow-up Advice

If your child has been diagnosed with Leigh syndrome, regular follow-up appointments are essential. Her

- **Stay in Touch with Your Healthcare Team**: Regular check-ups can help manage symptoms and adju
- **Monitor Development**: Keep track of your child's progress in terms of motor skills and behavior. Shar
- **Support Groups**: Consider joining support groups for families affected by Leigh syndrome. Connectin
- **Educate Yourself**: Learn as much as you can about the condition to better advocate for your child's r

Remember, every child is unique, and