

# Genetic Disorder Prediction Report

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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. Here

- **\*\*Stay in Touch with Your Healthcare Team\*\***: Regular check-ups can help manage symptoms and adj
- **\*\*Monitor Development\*\***: Keep track of your child's progress in terms of motor skills and behavior. Sha
- **\*\*Support Groups\*\***: Consider joining support groups for families affected by Leigh syndrome. Connecti
- **\*\*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