Genetic Disorder Prediction Report

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Patient Age: 13

Gender: Female

Predicted Disorder: Genetic Disorder

Subclass: Leigh syndrome

Date: 26-12-2025

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 mutations (changes) in genes that are important for energy production in ce

### Symptoms
Symptoms of Leigh syndrome can vary widely but often include:
- Delayed development or loss of previously acquired skills (like walking or talking)
- Muscle weakness or stiffness
- Difficulty with coordination and balance
- Breathing problems
- Seizures
- Poor feeding or growth issues

Symptoms usually start in the first year of life, but the severity and progression can differ from child to chi

### Diagnosis
To diagnose Leigh syndrome, doctors will typically:
- Review the child's medical history and symptoms
- Perform a physical examination
- Order imaging tests, like an MRI, to look at the brain
- Conduct genetic testing to identify specific gene mutations

### Treatment
Currently, there is no cure for Leigh syndrome, but treatment focuses on managing symptoms and suppo
- Physical therapy to improve movement and strength
- Occupational therapy to help with daily activities
- Medications to control seizures or other symptoms
- Nutritional support to ensure proper growth and feeding

### Follow-up Advice
If your child has been diagnosed with Leigh syndrome, regular follow-ups with a healthcare team are imp
- Keep track of your child’s development and any changes in symptoms.
- Stay informed about new treatments or therapies that may help.
- Connect with support groups or organizations for families affected by Leigh syndrome for additional reso

Remember, every child is unique, and their needs may change over time. It’s important to work closely w