Genetic Disorder Prediction Report

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Patient Age: 5

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 producing energy in ce

### Symptoms
The symptoms of Leigh syndrome can vary, but they often include:
- **Developmental delays**: Children may not reach milestones like sitting up or walking on time.
- **Loss of motor skills**: Skills that were previously learned may be lost.
- **Muscle weakness**: Children may have trouble moving their arms and legs.
- **Seizures**: Some children may experience seizures, which are sudden bursts of electrical activity in th
- **Breathing problems**: Difficulty in breathing can occur, especially during sleep.
- **Poor feeding**: Infants may have trouble feeding or gaining weight.

### Diagnosis
To diagnose Leigh syndrome, doctors will typically:
1. **Review medical history**: They will ask about symptoms and family history.
2. **Perform a physical examination**: This helps assess muscle tone and reflexes.
3. **Order tests**: Blood tests, MRI scans of the brain, and genetic testing can help confirm the diagnosis

### Treatment
Currently, there is no cure for Leigh syndrome, but treatment focuses on managing symptoms and improv
- **Physical therapy**: To help improve movement and strength.
- **Medications**: To control seizures or other specific symptoms.
- **Nutritional support**: Special diets or supplements may be recommended to ensure proper nutrition.
- **Supportive care**: This can include occupational therapy, speech therapy, and other supportive servic

### Follow-up Advice
If your child has been diagnosed with Leigh syndrome, regular follow-up appointments with a healthcare