Genetic Disorder Prediction Report

Patient Age: 4

Gender: Male

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 changes (mutations) 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 milestones (like sitting or walking)
- Weak muscle tone (hypotonia)
- Breathing problems
- Seizures
- Difficulty swallowing
- Poor appetite
- Irritability or unusual behavior

These symptoms can progress over time and may lead to more serious complications.

Diagnosis
To diagnose Leigh syndrome, doctors typically use a combination of methods:
- **Medical history and physical examination**: Looking for symptoms and family history.
- **Genetic testing**: This can identify specific gene mutations associated with Leigh syndrome.
- **Imaging tests**: MRI scans of the brain can show characteristic changes that help confirm the diagnos

Treatment
There is currently no cure for Leigh syndrome, but treatment focuses on managing symptoms and improv
- Physical therapy to help with movement and strength
- Medications to control seizures
- Nutritional support if swallowing is difficult
- Regular check-ups with specialists to monitor health and development

Follow-up Advice
If your child has been diagnosed with Leigh syndrome, it’s important to have regular follow-up appointme

Always feel free to ask your healthcare team any questions or express concerns you may have about you