Genetic Disorder Prediction Report

Patient Age: 2

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
The symptoms of Leigh syndrome can vary, but they often include:
- Delayed development or loss of motor skills (like sitting or walking)
- Weakness in muscles
- Difficulty with breathing or swallowing
- Seizures
- Poor feeding or growth
- Abnormal movements or posture

Symptoms can worsen over time, and the severity can differ from one child to another.

Diagnosis
To diagnose Leigh syndrome, doctors typically:
- Review the child’s medical history and symptoms.
- Perform a physical examination.
- Order genetic testing to identify specific mutations.
- Conduct imaging tests, like MRI scans, to look for changes in the brain.

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

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

Additionally, support groups and resources for families can provide valuable information and emotional su

If you have any questions or concerns about your child’s health, don’t hesitate to reach out to your health