

## Director's Report on Developmental Progress Assessment

Date of Visit: 20-04-2025

Child's Name: Hema Rasul

Date of Birth: 20-09-2020

### Overview:

Hema Rasul was reassessed in person at our center for a follow-up developmental evaluation. Since beginning the first step of the protocol, **Hema has shown great improvement**. The child continues to experience **information processing delays and developmental delays**, which are linked to **underlying genetic variants affecting autophagy and mitochondrial function**. These physiological factors have led to **acquired features of autism**, though Hema's case shows strong responsiveness to intervention and remains open to further developmental gains.

### Recommended Plan:

#### 1. Development Protocol for Information Processing

- Continue the personalized development protocol with focus on improving cognitive processing
- Maintain this plan for **4 months**, after which the child should be **reassessed in person**
- Adjust the protocol based on updated clinical observations and baseline progress

#### 2. Recommended Tests through Neurazon Canada:

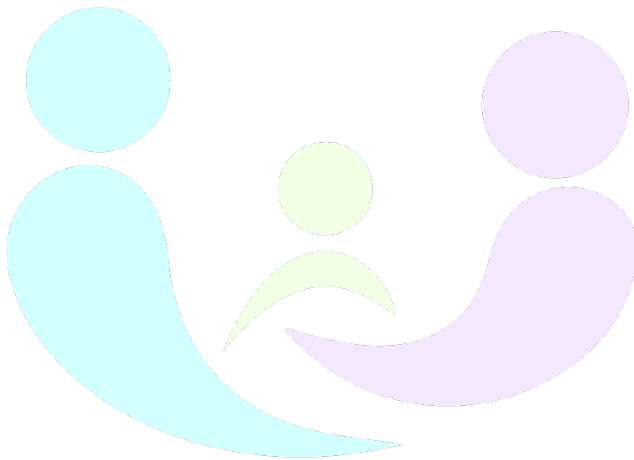
- **Neuronal Growth Factors Absorption Analysis**
  - **Sample Type:** Hair
  - **Estimated Result Time:** ~2 months (business days)
  - **Purpose:** To evaluate the child's ability to absorb and utilize key neurological and nutritional components critical for brain development
  - **Repetition:** Every 6–12 months, depending on progress
- **Functional Urine Analysis**
  - **Sample Type:** Urine
  - **Estimated Result Time:** ~2 months (business days)
  - **Purpose:** To analyze metabolic and mitochondrial pathway functionality, especially related to detoxification, oxidative stress, and nutrient metabolism
  - **Repetition:** Every 6–12 months as clinically indicated

### 3. Recommended Therapy:

- **Neuroplasticity Rehabilitation Therapy (Intensive Format)**
  - Aimed at strengthening neural communication, supporting executive function, and improving sensory-cognitive integration

### Conclusion:

Hema's progress on the initial intervention demonstrates high potential for continued improvement. The child's presentation does not reflect a fixed or classical autism diagnosis, but rather **acquired features driven by modifiable biochemical and neurological factors**. Ongoing monitoring and therapy remain essential, and the assessment is open to positive change based on developmental response.



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### Signature:

EICADD Center Director



Dr. Noraldin Al-Den