

Director's Report on Developmental Progress Assessment

Date of Visit: 28-04-2025

Case Name: Abdulrahman Eid Abu Omar

Date of Birth: 04-06-2017

Gender: Male

Guardian: Eid

Assessment

Abdulrahman was assessed in person at our center on 28-04-2025.

The evaluation findings revealed:

- **Information Processing Delays**
- **Intellectual Developmental Delays**

These findings correlate with **potential white matter (myelination) delays** and **brain abnormalities** as previously identified through an **MRI study performed by the child's neurologist**.

This assessment is provided for developmental and functional planning purposes and does not represent a final medical diagnosis.

Abdulrahman shows potential for improvement with structured, multidisciplinary interventions focused on cognitive, behavioral, and adaptive skills development.

Recommended Plan

1) Development Protocol for Information Processing

- Initiate structured therapy interventions targeting cognitive flexibility, processing speed, sensory regulation, and adaptive functioning.
- **Duration:** 3–4 months
- **Reevaluation:** Preferably in person after completion of the therapy protocol to reassess developmental progress and establish an updated baseline.
- **Goal:** Strengthen brain network connectivity, improve cognitive efficiency, and support learning and behavioral adaptation.

2) Recommended Tests (Through Neurazon – Canada)

- **Precision Health Analysis:**
A detailed comprehensive analysis to uncover potential genetic, metabolic, or functional contributors to the child's developmental profile.
Sample: Saliva
Turnaround Time: 4 months business days.

- **Neuronal Growth Factors Absorption Analysis:**
Screening to assess the absorption efficiency of essential neuronal nutrients critical for brain development and white matter formation.
Sample: Hair
Turnaround Time: 2 months business days.
Frequency: Recommended to be repeated every 6–12 months depending on clinical findings and therapy outcomes.

3) Recommended Therapy

- **Occupational Therapy (OT) Sessions:**
2 sessions per week focusing on:
 - Sensory integration
 - Motor coordination
 - Functional skill development
- **Speech Therapy (ST) Sessions:**
2 sessions per week focusing on:
 - Language comprehension and expressive communication
 - Social interaction development
- **Light Therapy Sessions:**
2 sessions per week after 2–4 months to:
 - Support neuronal activation
 - Enhance cognitive flexibility and attention span.

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Follow-Up Plan

- **Reassessment:**
After 3–4 months to evaluate cognitive, behavioral, language, and adaptive functioning progress and modify the therapy plan accordingly.
- **Continuous Monitoring:**
Ongoing therapy documentation, therapist session reports, and parental feedback will guide adaptations to the intervention plan.
- **Important Note:**
This evaluation is a developmental therapy planning report and is not intended as a final medical diagnosis. Continued structured multidisciplinary interventions are critical to maximize developmental potential.

Signature:
EICADD Center Director

A handwritten signature in blue ink, reading "Dr. Noraddin Al-Hadi", is written over a circular stamp that contains the EICADD logo and text in Arabic and English.