**طاهر محسن**

**Learning disorders**

* A learning disorder is neurologically-based processing problems.
* diagnosed when a child’s achievement in **reading**, **mathematics**, or **written expression** is below that expected for age, formal education , and intelligence**.**

**Types of learning disorders:**

**1- Dyslexia**

* defined as **difficulty in reading and spelling**
* It is separate and different from reading resulting from other difficulties, **such as** problems with vision or hearing
* Dyslexia is a result from **neurological disturbance** but it is not an intellectual disability

**2**-**Dysgraphia**

* psychological disorders **characterized by** problem in expressing oneself with written language

**3-Dyscalculia**

* psychological disorders **characterized by** problems dealing with number and basic mathematic functioning

**Etiology**

* **Heredity**
* **Physiological factors :**
* Cell development & cell migration
* Blood flow abnormalities

**management**

* Provide an environment for learning assistant
* Motivate students who suffer from learning difficulties
* Writing and speaking in a clearance
* Special educational schools
* Family education

**Other learning disorders:**

1. **Mental Retardation(MR)**:

The essential feature of mental retardation is below-average intellectual functioning (intelligence quotient [IQ] less than 70)

* **Degree of MR**:
* Mild retardation: IQ 50 to 70
* Moderate retardation: IQ 35 to 50
* Severe retardation: IQ 20 to 35
* Profound retardation: IQ less than 20
* **Signs & symptoms :**

**significant limitations** in areas of adaptive functioning such as:

* Communication, social or interpersonal skills
* self-care & home living
* academic educational skills
* work and health and safety
* **Causes of mental retardation:**
* **Hereditary**
* **early alterations** in embryonic development) maternal alcohol intake)
* **pregnancy** or **perinatal** problems (hypoxia, infections, and trauma )
* **environmental** (deprivation of nurturing)

1. **Attention deficit hyperactivity disorder (ADHD)**

is **characterized by** inattentiveness, overactivity, and impulsiveness

* **Nursing intervention**
* Ensuring the child’s safety and that of others Stop unsafe behavior
* Provide close supervision and directions
* Improved role performance
* Manage the environment (e.g., provide a quiet place)
* Client/family education and support

**T.M.H**