DYSCALCULIA

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contents

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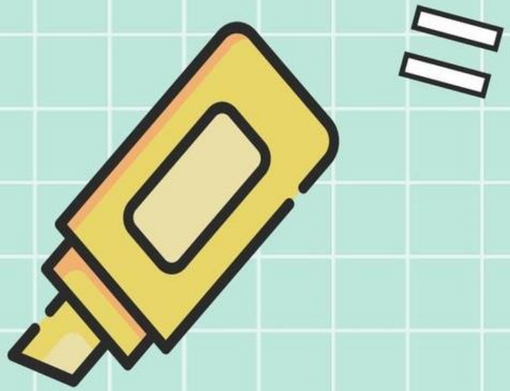

1. What is dyscalculia?

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Terminological clarifications

Educational perspective

Specific Support Needs Educational (NEAE)

- Specific learning difficulties in mathematics (DEAM)

Health Perspective

Specific Disorder of Learning

- Dyscalculia

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Specific learning disorders

With difficulty in reading

With difficulty in written expression

} With mathematical difficulty

§ Number sense

§ Memorization of arithmetic operations

§ Correct or fluid calculation

§ Mathematical reasoning

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Note

Dyscalculia is an alternative term used to refer to a pattern of difficulties characterized by problems processing numerical information, learning arithmetic operations, and correct or fluent calculation. If dyscalculia is used to specify this pattern of mathematical difficulties, it is also important to specify any additional difficulties present, such as difficulties with mathematical reasoning or correct word reasoning.

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Concept
Prevalence
Other associated factors

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What is ?

It is a condition, neurological disorder that makes it difficult to understand mathematics and tasks involving mathematics

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Types of dyscalculia

Dyscalculia Development (DD)

It appears during brain maturation.

Dyscalculia Acquired

- It is the result of some type of brain injury, trauma or sudden illness

- It manifests itself as the loss of a function that had already been acquired

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Developmental Dyscalculia

It is a deficit that causes moderate to extreme difficulties in elementary mathematical tasks, including both numerical processing and simple calculation, which cannot be attributed to sensory deficits, low intellectual level or academic deprivation. (Butterworth, B. 2005)

It is a specific learning difficulty (SLD), in which difficulties are observed in numerical processing and calculation, so the activities of daily living are affected. (Josep M. Serra Grabulosa)

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