



Development of innovative training solutions in
the field of functional evaluation aimed
at updating of the curricula of health sciences
schools



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Module Functional evaluation: concept and methodology

Didactic Unit E

Importance of cognitive abilities in the performance of motor task and why it is important to include biomechanical analysis in cognitive impairments

Self-Questionnaire

Question 1

Cognition is traditionally defined as:

- A People's ability to form ideas and representations of reality in their mind, relating to each other
- B **The mental process of acquiring knowledge and understanding through experience and the senses**
- C The psychological phenomenon that appears when our focus is on a real or imaginary element
- D The process of analysing, understanding and evaluating the organization of knowledge

Question 2

Upon suspicion of a cognitive deficit, the doctor shows the patient four photographs related to the use of a toothbrush to choose the one that corresponds to the correct use: a) the correct image, b) the bristles of the toothbrush are oriented outwards, c) the hand holds the handle improperly and d) the brush is used as a pen. What kind of cognitive dysfunction the doctor is trying to assess?

- A Agnosia
- B **Apraxia**
- C Amnesia
- D Ataxia

Question 3

When a child frequently makes mistakes in homework, even when he does them at home, alone and without interruptions. What type of attention is failing?

- A **Sustained attention**
- B Selective attention
- C Divided attention
- D Disattention

Question 4

Organize cognitive functions in an order of relevance of their involvement in the executive function of multitasking (Organize from 1 to 8, 1 being the least involved and 8 the most involved):

- _3_ Orientation
- _7_ Gnosis
- _6_ Praxis
- _8_ Attention
- _5_ Memory
- _4_ Processing speed
- _2_ Language
- _1_ Social cognition

Question 5

Working or operational memory is:

- A **The capacity for temporary storage of information and its processing**
- B The ability to encode, store and retrieve learned information
- C The ability to store, maintain and retrieve a certain amount of information for a short time
- D It is the ability to recall the meaning of words and ideas

