

Cognition

Cognition is the set of all mental abilities and processes related to [knowledge](#): [attention](#), [memory](#) & [working memory](#), [judgement](#) & [evaluation](#), [reasoning](#) & “computation”, problem solving & decision making, comprehension & production of language, etc. Cognition is by humans conscious and unconscious, concrete or abstract, as well as intuitive (like knowledge of a language) and conceptual (like a model of a language). Cognitive processes use existing knowledge and generate new knowledge.

see [Cognitive function](#).

[Idiopathic normal pressure hydrocephalus](#) (iNPH) is a progressive [neurodegenerative disease](#) in the [elderly](#) with enlarged [ventricles](#) and normal or slightly elevated cerebrospinal fluid pressure, clinically characterized by an insidious onset and gradual progression of impairments of [gait](#), [balance](#), [cognition](#), with [urinary incontinence](#) ¹⁾.

Altered [cognition](#) or [hemiparesis](#) can occur in neurocritical but conscious patients, and recognizing [pain](#) is challenging.

Indications

Neurocognitive performance is used to assess multiple cognitive domains, including motor coordination, before and after [carotid endarterectomy](#) (CEA).

¹⁾

Hakim S, Adams RD. The special clinical problem of symptomatic hydrocephalus with normal cerebrospinal fluid pressure. Observations on cerebrospinal fluid hydrodynamics. J Neurol Sci. 1965 Jul-Aug;2(4):307-27. PubMed PMID: 5889177.

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