

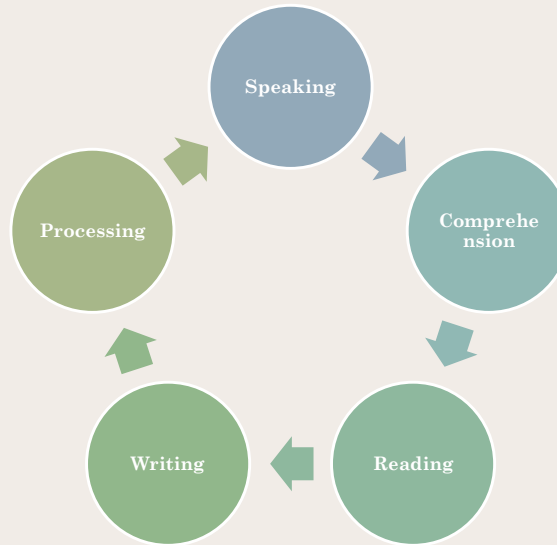
# APHASIA



Aphasia is an acquired neurogenic disorder affecting a person's ability to communicate.

It is caused by a damage to the brain's language centers, typically resulting from a stroke, brain injury, or neurodegenerative conditions.

## APHASIA SYMPTOMS



It impairs speech, language, and communication:

- Language comprehension
- Language production of spoken and written language
- Using language effectively for communication.
- It involves deficits in one or more language modalities,

including phonetics, phonology, morphology, syntax, semantics, and pragmatics.

- It can also impair aspects of functional communication, e.g.,
  - Emotions self-monitoring
  - Theory of Mind

## APHASIA AND THE BRAIN

Aphasia symptoms depend on the specific areas of the brain affected and the severity of the impairment.

It can impact both expressive language skills (such as speaking and writing) and receptive language skills (such as understanding spoken and written language). The specific symptoms and severity of

aphasia can vary widely among individuals.

### LANGUAGE ASSESSMENT

Computational Language Assessment (CLA) informs the clinician and the patient by quantifying the symptoms of Aphasia and enabling monitoring of treatment efficacy over time.

### APHASIA TREATMENT

Treatment for aphasia typically involves a comprehensive approach that includes language therapy, communication strategies, and augmentative and alternative communication (AAC) techniques.

The goal is to improve communication abilities,

enhance quality of life, and help individuals with aphasia participate more fully in social, academic, and vocational activities.

### MORE INFORMATION

American Speech-Language-Hearing Association (ASHA):

[www.asha.org](http://www.asha.org)

National Aphasia Association:

[www.aphasia.org/](http://www.aphasia.org/)

Alzheimer's Association:

<https://www.alz.org>

*Sickness is an impediment that affects the body not what you choose to do (...) choose to follow this for all the things that happen to you: because you will realize that it impedes something else and not yourself.*

*Epictetus*

