

CENTRAL DYSLEXIA (DYSGRAPHIA ACCORDINGLY)

	Deep dyslexia	Phonological dyslexia	Surface dyslexia	Direct dyslexia	Global dyslexia
Favoured route	Holistic: Lexical-semantic		Segmental route	Holistic: Lexical-phonological (without semantics)	No route available
	Semantics <u>disturbs</u>	Semantics <u>ok</u>			
Semantics	Impaired	Preserved	Impaired	Out of function	Out of function
Lexicon	Rather preserved	Preserved	Impaired	Preserved	Out of function
Grapheme to phoneme conversion (GPC)	Out of function	Impaired	Rather preserved (but: errors using compensatory strategy)	Out of function	Out of function
Reading words	Semantic, visual, morphological errors	Preserved	Regular better than irregular words; regularisation, phonological errors	Preserved	Impossible
Reading pseudowords	Null responses	Null responses, phonological errors, lexicalisations	Preserved	Null responses	Impossible
Effects	Concreteness, word type	Concreteness, word type, frequency/familiarity	Length, frequency; homophone allographs difficult	Semantics possibly via auditory input	
Syndrome aphasia/primary progressive aphasia (PPA)	Broca's aphasia	Non-fluent PPA	Wernicke's aphasia, semantic dementia	Alzheimer's dementia	Global aphasia
	Logopenic PPA				

Expanded and translated figure from: Bruehl, S. (2021). Schriftsprachstörungen und ihre Rückbildung bei Aphasie [Impairments of written language and their recovery in aphasia]. *Sprache, Stimme, Gehör*, 45(1), 13-15. <http://doi.org/10.1055/a-1256-2365>