

Table 1: A.B.'s performance on the naming, visual processing, semantic and gesturing tasks

Tasks	normal	mild deficit	severe deficit
Naming			
naming real objects			
visual			
tactile	+		
naming to definition	+		
naming line drawings			
Early visual processing			
Poppelreuter-Ghent	+		
copying of geometrical drawings	+		
Access to structural description			
object decision	+		
drawing from memory		+/-	
Spoken word-to-picture matching			
	+		
Access to semantics			
picture-to-picture matching			
word-to-word matching	+		
selecting pictures belonging to the same category	+		
sorting pictures into categories			
a) without name of categories			
b) with name of categories	+		
Word and letter naming			
word naming			
letter naming			
letter name-to-letter matching		+/-	
Apraxia			
reproduction of gestures			
use of objects		+/-	

Table 2: Dyslexia +/- implicit processing (patient P.V.)*Visual and auditory lexical decision: % of correct responses.*

	n=	free visual presentation	tachistoscopic presentation	oral presentation
function words	18	44	78	100
abstract nouns	18	44	100	100
concrete nouns (nat. obj.)	18	78	94	100
concrete nouns (artifacts)	18	56	89	100
illegal nonwords	18	83	67	100
legal nonwords	18	83	22	100
improperly suffixed words	18	67	33	100
suffixed nonwords	18	67	17	100
Total hits	144	65	63	100

Semantic judgements ("is it a coarse word or not?")

	n=	response	written (% hits)	oral (% hits)
coarse words	14	yes	100	100
neutral words	12	no	14	100

Table 3: Dyslexia +/- implicit processing (patient D.M.)

Repetition and Naming of words and nonwords:

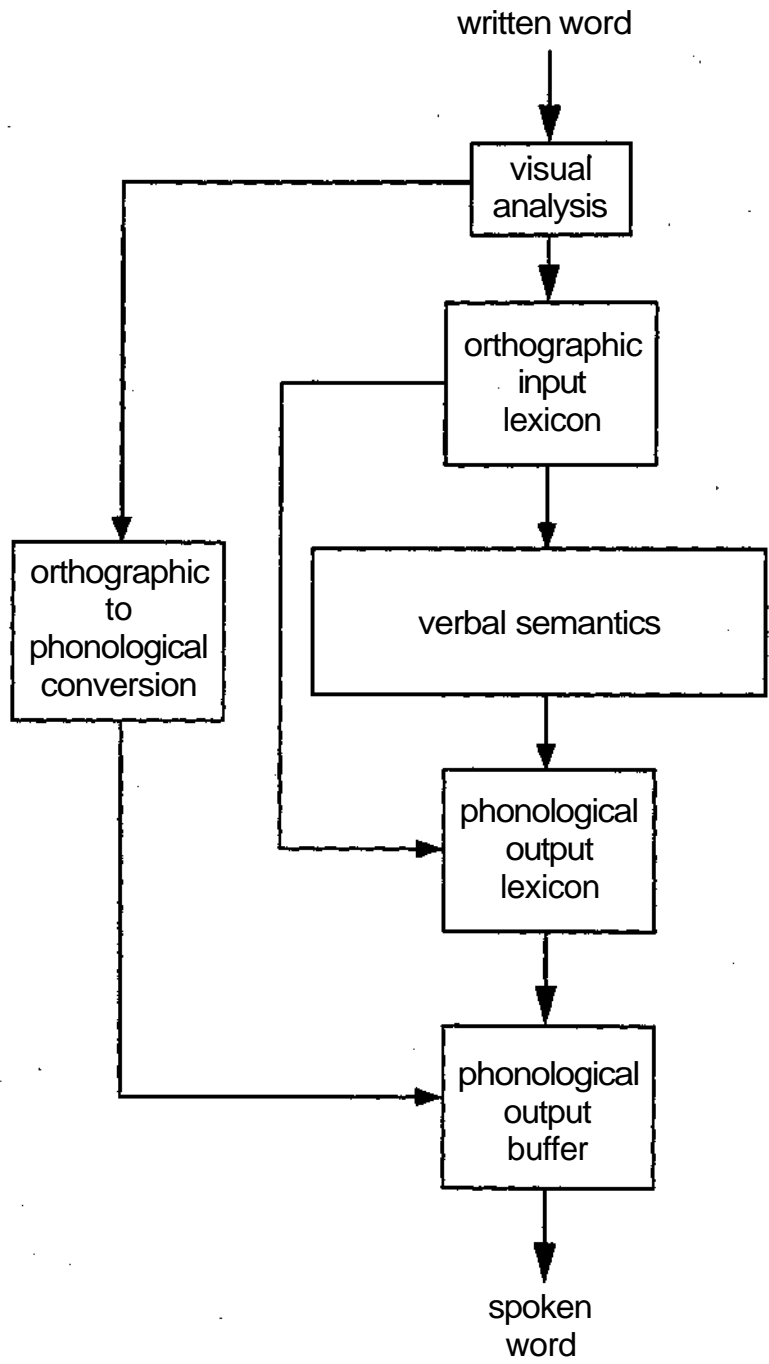
	n=	Repetition %	Word naming %
function words	16	88	0
natural concrete objects	15	93	0
artefacts	15	93	0
abstract nouns	15	80	0
simple nonwords	15	73	0
pseudo-derived nonwords	15	93	0

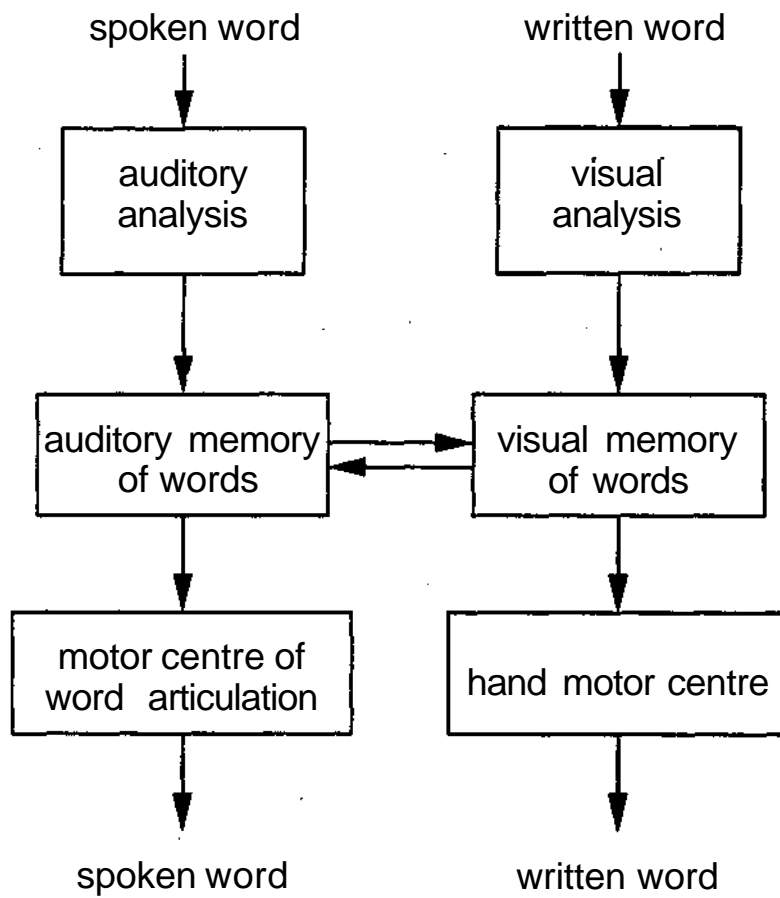
Visual and auditory lexical decision (% of correct responses):

		tachistoscopic presentation	oral presentation
function words	18	44	72
abstract nouns	18	61	83
concrete nouns (natural objects)	18	78	100
concrete nouns (artefacts)	18	67	100
illegal nonwords	18	94	100
legal nonwords	18	61	78
improperly suffixed words	18	44	94
suffixed nonwords	18	56	83
Total hits	144	63	89

Semantic judgements (% of hits): coarse word identification ("is it a coarse word or not?"); edible item discrimination ("is it edible or not?")

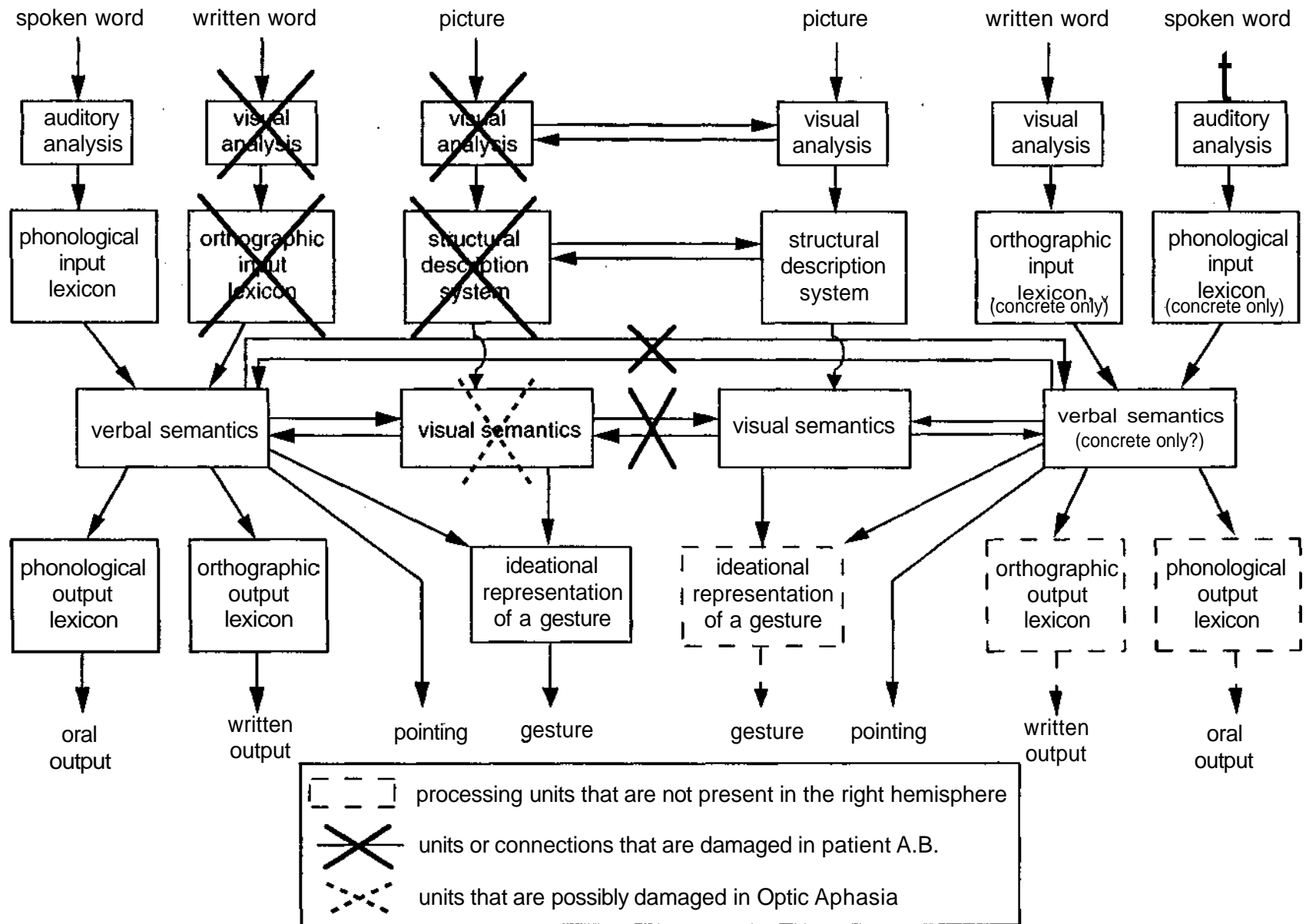
	n=	coarse-words (% hits)	edible items (% hits)
YES	14	92	77
NO	12	93	77

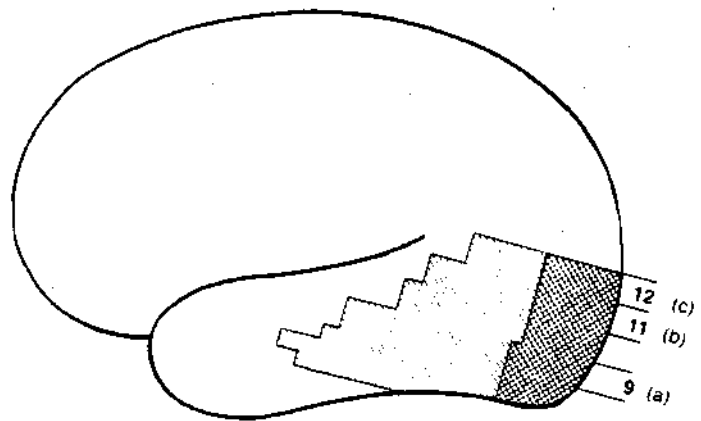
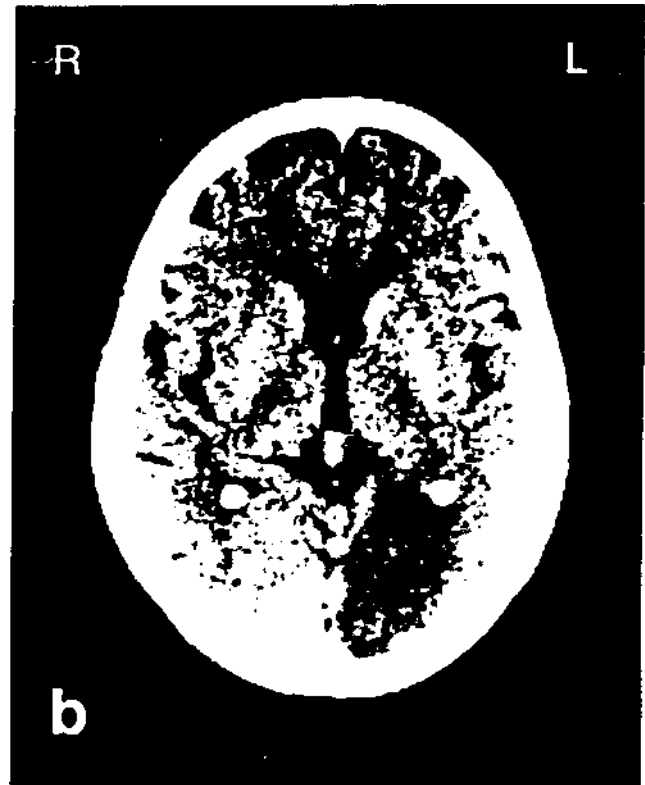
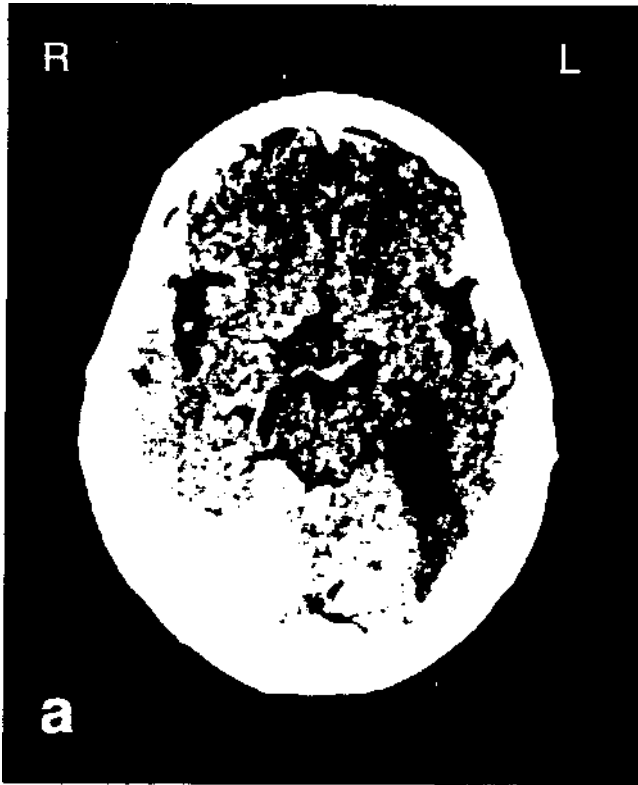




LEFT HEMISPHERE

RIGHT HEMISPHERE





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