

CNS Vital Signs Report			Test Date: January 26, 2020 14:24:15		
Patient ID: 007			Administrator: [REDACTED]		
Age: 73			Language: English (United States)		
Total Test Time: 24:02 (min:secs)		CNSVS Duration: 19:40 (min:secs)		Online Version 1.1.9	

Patient Profile	Percentile Range				> 74	25 - 74	9 - 24	2 - 8	< 2
	Standard Score Range				> 109	90 - 109	80 - 89	70 - 79	< 70
Domain Scores	Patient Score	Standard Score	Percentile	Valid Score**	Above	Average	Low Average	Low	Very Low
Composite Memory	99	115	84	Yes	X				
Verbal Memory	55	118	88	Yes	X				
Visual Memory	44	106	66	Yes		X			
Psychomotor Speed	196	148	99	Yes	X				
Processing Speed	61	131	98	Yes	X				
Executive Function	47	113	81	Yes	X				
Social Acuity	8	105	63	Yes		X			
Reasoning	7	116	86	Yes	X				
Motor Speed	135	140	99	Yes	X				

Domain Dashboard: Above average domain scores indicate a standard score (SS) greater than 109 or a Percentile Rank (PR) greater than 74, indicating a high functioning test subject. Average is a SS 90-109 or PR 25-74, indicating normal function. Low Average is a SS 80-89 or PR 9-24 indicating a slight deficit or impairment. Below Average is a SS 70-79 or PR 2-8, indicating a moderate level of deficit or impairment. Very Low is a SS less than 70 or a PR less than 2, indicating a deficit and impairment. Reaction times are in milliseconds. An \* denotes that "lower is better", otherwise higher scores are better. Patient Scores are raw scores calculations generated from data values of the individual subtests.

VI\*\* - Validity Indicator: Denotes a guideline for representing the possibility of an invalid test or domain score. "No" means a clinician should evaluate whether or not the test subject understood the test, put forth their best effort, or has a clinical condition requiring further evaluation.

Finger Tapping Test (FTT)	Score	Standard	Percentile	
Right Taps Average	68	135	99	The FTT is a test of motor speed and fine motor control ability. There are three rounds of tapping with each hand. The FTT test measures the speed and the number of finger-taps with each hand. Low scores indicate motor slowing. Speed of manual motor activity varies with handedness. Most people are faster with their preferred hand but not always.
Left Taps Average	67	139	99	
Verbal Memory Test (VBM)	Score	Standard	Percentile	
Correct Hits - Immediate	15	122	93	Verbal Memory test: Subjects have to remember 15 words and recognize them in a field of 15 distractors. The test is repeated at the end of the battery. The VBM test measures how well a subject can recognize, remember, and retrieve words e.g. exploit or attend literal representations or attribute. "Correct Hits" refers to the number of target words recognized. Low scores indicate verbal memory impairment.
Correct Passes - Immediate	12	78	7	
Correct Hits - Delay	15	128	97	
Correct Passes - Delay	13	90	25	
Visual Memory Test (VSM)	Score	Standard	Percentile	
Correct Hits - Immediate	12	104	61	Visual Memory test: Subjects have to remember 15 geometric figures, and recognize them in a field of 15 distractors. The test is repeated at the end of the battery. The VIM test measures how well a subject can recognize, remember, and retrieve geometric figures e.g. exploit or attend symbolic or spatial representations. "Correct Hits" refers to the number of target figures recognized. Low scores indicate visual memory impairment.
Correct Passes - Immediate	11	103	58	
Correct Hits - Delay	11	103	58	
Correct Passes - Delay	10	101	53	
Symbol Digit Coding (SDC)	Score	Standard	Percentile	
Correct Responses	61	132	98	The SDC test measures speed of processing and draw upon several cognitive processes simultaneously, such as visual scanning, visual perception, visual memory, and motor functions. Errors may be due to impulsive responding, misperception, or confusion.
Errors*	0	112	79	

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Shifting Attention Test (SAT)	Score	Standard	Percentile	
Correct Responses	51	113	81	The SAT measures executive function or how well a subject recognizes set shifting (mental flexibility) and abstraction (rules, categories) and manages multiple tasks simultaneously. Subjects have to adjust their responses to randomly changing rules. The best scores are high correct responses, few errors and a short reaction time. Normal subjects may be slow but accurate, or fast but not so accurate. Attention deficit may be apparent.
Errors*	4	111	77	
Correct Reaction Time*	1035	117	87	
Perception Of Emotions Test (POET)	Score	Standard	Percentile	
Correct Responses	11	101	53	The POET measures how well a subject can perceive and identify specific emotions. The POET is an identification test of the positive emotions "happy" and "calm" and the negative emotions "angry" and "sad". "Social cognition" or "emotional acuity" has been defined as "the way in which people make sense of other people and themselves". It is the ability to perceive and understand social information. The reaction times in POET are much longer than in the other tests, indicating the complexity of central processes governing emotional acuity.
Average Correct Reaction Time*	1019	117	87	
Omission Errors*	1	101	53	
Commission Errors*	3	104	61	
Positive Emotions				
Correct Hits	6	109	73	
Reaction Time*	935	120	91	
Negative Emotions				
Correct Hits	5	86	18	
Reaction Time*	1120	111	77	
Reasoning Test (RT)	Score	Standard	Percentile	
Correct Responses	11	120	91	The NVRT measures how well a subject can perceive and understand the meaning of visual or abstract information and recognizing relationships between visual-abstract concepts. The NVRT is comprised of 15 matrices, or visual analogies. The matrices are progressively more difficult. Each is presented for 14.5 seconds. Non-verbal or visual-abstract reasoning is the process of perceiving issues and reaching conclusions through the use of symbols or generalizations rather than concrete factual information.
Average Correct Reaction Time*	4793	110	75	
Commission Errors*	4	111	77	
Omission Errors*	0	118	88	