

CNS Vital Signs Report	Test Date: August 27, 2013 11:12:55
Subject Reference/ID: JillMackay	Administrator: Mark Squibb
Age: 55	Language: English (United States)
Total Test Time: 52:20 (min:secs)	Online Version 1.0

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	Subject Score	Standard Score	Percentile	Valid Score**	Above	Average	Low Average	Low	Very Low
Neurocognitive Index (NCI)	NA	66	1	Yes					X
Composite Memory	93	91	27	Yes		X			
Verbal Memory	47	84	14	Yes			X		
Visual Memory	46	103	58	Yes		X			
Psychomotor Speed	143	83	13	Yes			X		
Reaction Time*	1018	45	1	Yes					X
Complex Attention*	18	64	1	Yes					X
Cognitive Flexibility	7	49	1	Yes					X
Processing Speed	55	109	73	Yes		X			
Executive Function	7	48	1	Yes					X
Reasoning	8	111	77	Yes	X				
Sustained Attention	28	102	55	Yes		X			
Working Memory	8	98	45	Yes		X			
Simple Attention	38	77	6	Yes				X	
Motor Speed	87	72	3	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. Subject 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.

Verbal Memory Test (VBM)	Score	Standard	Percentile	
Correct Hits - Immediate	9	78	7	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	15	110	75	
Correct Hits - Delay	8	82	12	
Correct Passes - Delay	15	110	75	
Visual Memory Test (VSM)	Score	Standard	Percentile	
Correct Hits - Immediate	9	78	7	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	14	119	90	
Correct Hits - Delay	8	80	9	
Correct Passes - Delay	15	126	96	
Finger Tapping Test (FTT)	Score	Standard	Percentile	
Right Taps Average	46	78	7	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	41	70	2	

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Symbol Digit Coding (SDC)	Score	Standard	Percentile	
Correct Responses	56	109	73	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*	1	99	47	
Stroop Test (ST)	Score	Standard	Percentile	
Simple Reaction Time*	416	82	12	The ST measures simple and complex reaction time, inhibition / disinhibition, mental flexibility or directed attention. The ST helps assess how well a subject is able to adapt to rapidly changing and increasingly complex set of directions. Prolonged reaction times indicate cognitive slowing / impairment. Errors may be due to impulsive responding, misperception, or confusion.
Complex Reaction Time Correct*	931	47	1	
Stroop Reaction Time Correct*	1104	54	1	
Stroop Commission Errors*	0	110	75	
Shifting Attention Test (SAT)	Score	Standard	Percentile	
Correct Responses	23	48	1	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*	16	63	1	
Correct Reaction Time*	1519	61	1	
Continuous Performance Test (CPT)	Score	Standard	Percentile	
Correct Responses	38	24	1	The CPT measures sustained attention or vigilance and choice reaction time. Most normal subjects obtain near-perfect scores on this test. A long response time may suggest cognitive slowing and/or impairment. More than 2 errors (total) may be clinically significant. More than 4 errors (total) indicate attentional dysfunction.
Omission Errors*	2	24	1	
Commission Errors*	0	107	68	
Choice Reaction Time Correct*	589	58	1	
Reasoning Test (RT)	Score	Standard	Percentile	
Correct Responses	11	111	77	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*	5319	96	40	
Commission Errors*	3	110	75	
Omission Errors*	1	102	55	
Four Part Continuous Performance Test	Score	Standard	Percentile	
Part 1				The FPCPT test is a four part test that measures a subject's working memory and sustained attention. The FPCPT is a four part test: PART ONE - is a simple reaction time test, the subject must press the space bar when any stimulus is presented; PART TWO - is a variant of the continuous performance test, the subject is asked to respond to one stimulus, but not to any others. Discrimination is required, so the reaction times that are generated are "choice reaction times". PART THREE - is a "one back" CPT. The subject has to respond to a figure only if the figure immediately preceding was the same. PART FOUR - is a "two-back" CPT. It is a difficult task and is used to measure working memory. Parts two, three, and four of the tests are used to calculate sustained attention domain.
Average Correct Response Time*	483	82	12	
Part 2				
Correct Responses	5	78	7	
Average Correct Response Time*	619	44	1	
Incorrect Responses*	0	104	61	
Average Incorrect Response Time*	0			
Omission Errors*	1	78	7	
Part 3				
Correct Responses	16	113	81	
Average Correct Response Time*	1130	30	1	
Incorrect Responses*	1	96	40	
Average Incorrect Response Time*	893	66	1	
Omission Errors*	0	113	81	
Part 4				
Correct Responses	9	95	37	
Average Correct Response Time*	791	90	25	
Incorrect Responses*	1	103	58	
Average Incorrect Response Time*	1284	80	9	
Omission Errors*	7	95	37	

NeuroPsych Questionnaire (NPQ) LF-207

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Domain	Score	Severity	Description
Attention	282	Severe	The Neuropsych Questionnaire asks patients (or an appropriate observer) a series of questions about their clinical state. The questions are about the symptoms of various neuropsychiatric disorders. The terminology is similar to that used in the diagnostic manuals, and in many familiar clinical questionnaires and rating scales; but it has been simplified, and all symptoms are scored on the same metric. Scores are reported on a scale of 0 (not a problem) to 300 (severe). As a rule, scores above 225 indicate a severe problem; scores from 150-224 indicate a moderate problem; and scores from 75-149, a mild problem. A high score on the Neuropsych Questionnaire means that the patient is reporting more symptoms of greater intensity. It doesn't necessarily mean that the patient has a particular condition; just that he or she (or their spouse, parent or caregiver) is saying that they have a lot of intense symptoms. Conversely, a low score simply means that the patient (or caregiver) is not reporting symptoms associated with a particular condition, at least during the period of time specified. It does not mean that the patient does not have the condition. Just as some people over-state their problems, others tend to under-state their problems. The Neuropsych Questionnaire is not a diagnostic instrument. The results it generates are only meant to be interpreted by an experienced clinician in the course of a clinical examination.
Impulsive	167	Moderate	
Learning	192	Moderate	
Memory	236	Severe	
Anxiety	170	Moderate	
Panic	117	Mild	
Agoraphobia	117	Mild	
Obsessions & Compulsions	63	Not a problem	
Social Anxiety	75	Mild	
Depression	171	Moderate	
Mood Stability	115	Mild	
Mania	38	Not a problem	
Aggression	20	Not a problem	
Psychotic	79	Mild	
Somatic	67	Not a problem	
Fatigue	300	Severe	
Sleep	125	Mild	
Suicide	167	Moderate	
Pain	163	Moderate	
Substance Abuse	67	Not a problem	
Average Symptom Score	137	Mild	
PTSD	161	Moderate	
Bipolar	124	Mild	
Autism	67	Not a problem	
Asperger's	93	Mild	
ADHD	260	Severe	
MCI	271	Severe	
Concussion	250	Severe	
Anxiety/Depression	191	Moderate	

Attention Questions		
1	Difficulty concentrating	3 - A severe problem
2	Difficulty paying attention	3 - A severe problem
3	Easily distracted	3 - A severe problem
4	Feeling scattered, disorganized	3 - A severe problem
5	Forgetful, I need constant reminding	3 - A severe problem
6	Leaving things behind and having to go back to get them.	3 - A severe problem
7	Losing things	3 - A severe problem
8	Making careless mistakes	2 - A moderate problem
9	Not finishing chores, homework or projects	3 - A severe problem
10	Short attention span	3 - A severe problem
11	When reading, losing track of what the story is about	2 - A moderate problem
Impulsive Questions		
1	Feeling restless	2 - A moderate problem
2	Fidgety, I can't sit still	2 - A moderate problem
3	High energy	0 - Not a problem
4	Impatient	3 - A severe problem
5	Impulsive, act without thinking	3 - A severe problem
6	Overly active	0 - Not a problem

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Learning Questions		
1	Bad handwriting	3 - A severe problem
2	Having to do things slowly to make sure it's right	3 - A severe problem
3	Learning a foreign language	0 - Not a problem
4	Learning math	3 - A severe problem
5	Learning new things	3 - A severe problem
6	I don't like to read	1 - A mild problem
7	I don't work up to my potential	3 - A severe problem
8	Organizing studies or projects	3 - A severe problem
9	Paying attention to lectures	1 - A mild problem
10	Remembering what you studied or read	3 - A severe problem
11	Taking notes	0 - Not a problem
12	Taking tests	0 - Not a problem
13	When reading, losing track of what the story is about	2 - A moderate problem
Memory Questions		
1	Failing to recognize places you have been before.	1 - A mild problem
2	Finding a television story or a movie hard to follow.	0 - Not a problem
3	Forgetful, I need constant reminding	3 - A severe problem
4	Forgetting appointments or social engagements.	3 - A severe problem
5	Forgetting if you have taken your medicine	2 - A moderate problem
6	Forgetting something cooking on the stove or in the toaster	1 - A mild problem
7	Forgetting to do something you said you would do	3 - A severe problem
8	Forgetting to give a message to someone	3 - A severe problem
9	Forgetting to tell somebody something that you meant to tell them	3 - A severe problem
10	Forgetting where things are kept; looking for them in the wrong place	3 - A severe problem
11	Forgetting where you parked the car	2 - A moderate problem
12	Going to the store but forgetting to get what you need	3 - A severe problem
13	I can't remember the names of close relatives or friends.	2 - A moderate problem
14	Learning new things	3 - A severe problem
15	Leaving things behind and having to go back to get them.	3 - A severe problem
16	My mind goes blank	3 - A severe problem
17	Problems with memory	3 - A severe problem
18	Putting something down and then forgetting where you put it.	3 - A severe problem
19	Reading something and then realizing you have read it before.	0 - Not a problem
20	Trouble thinking of the right word	3 - A severe problem
21	Unable to remember things as well as I used to	3 - A severe problem
22	When reading, losing track of what the story is about	2 - A moderate problem
Anxiety Questions		
1	Feeling anxious	0 - Not a problem
2	Feeling keyed up or on edge	2 - A moderate problem
3	Feeling nervous	3 - A severe problem
4	Feeling restless	2 - A moderate problem
5	Feeling tense	2 - A moderate problem
6	Fidgety, I can't sit still	2 - A moderate problem
7	Having nightmares or bad dreams	0 - Not a problem
8	High-strung or keyed up	2 - A moderate problem
9	I find it hard to relax	1 - A mild problem
10	Worrying too much	3 - A severe problem
Panic Questions		
1	Attacks of intense anxiety	2 - A moderate problem
2	Feeling so nervous it's hard to breathe	0 - Not a problem
3	Getting so nervous I feel like passing out	1 - A mild problem
4	Getting really scared for no reason at all	1 - A mild problem
5	Panic attacks	3 - A severe problem
6	Trouble catching my breath	0 - Not a problem

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Agoraphobia Questions		
1	Avoiding certain things or places	2 - A moderate problem
2	Feeling scared in open spaces or out in public	2 - A moderate problem
3	Feeling scared to use buses or trains	0 - Not a problem
4	Feeling uncomfortable in crowds	2 - A moderate problem
5	Feelings of being trapped	1 - A mild problem
6	Worrying about fainting in public	0 - Not a problem
Obsessions & Compulsions Questions		
1	I hate being touched or held	0 - Not a problem
2	Checking things several times	1 - A mild problem
3	Collecting things that you don't really need	1 - A mild problem
4	Counting things; numbers going through your mind	0 - Not a problem
5	Eating the same foods all the time	2 - A moderate problem
6	Feeling guilty over minor infractions	3 - A severe problem
7	Having bad thoughts that you can't get rid of	1 - A mild problem
8	Having thoughts or words that go over and over in your mind	0 - Not a problem
9	It bothers me when someone eats off my plate	0 - Not a problem
10	I have a special number that I count up to or do things just that number of times	0 - Not a problem
11	I have to do things a certain number of times before I'm satisfied	0 - Not a problem
12	Moving or talking in special ways to avoid bad luck	0 - Not a problem
13	Putting things away, and they have to be just right	0 - Not a problem
14	Repetitive behaviors like touching or counting	0 - Not a problem
15	Thoughts about sex that are troubling	0 - Not a problem
16	Trouble making up your mind	2 - A moderate problem
17	Washing your hands over and over	0 - Not a problem
18	Worrying about being clean	0 - Not a problem
19	Worrying about the germs that are on things	2 - A moderate problem
Social Anxiety Questions		
1	I am a shy person	0 - Not a problem
2	Difficulty developing friendships	0 - Not a problem
3	Feeling nervous around people I don't know	0 - Not a problem
4	Feeling nervous when I have to do something in front of people	3 - A severe problem
5	Feeling uneasy about eating or drinking in public	0 - Not a problem
6	Hard to go out in public	1 - A mild problem
7	Hard to relate to other people	2 - A moderate problem
8	Starting a conversation with people I don't know	0 - Not a problem
Depression Questions		
1	Crying spells	1 - A mild problem
2	Feeling depressed	2 - A moderate problem
3	Feeling discouraged about the future	3 - A severe problem
4	Feeling empty inside	3 - A severe problem
5	Feeling hopeless	2 - A moderate problem
6	Feeling irritable	1 - A mild problem
7	Feeling little or no interest in things	2 - A moderate problem
8	Feeling lonely	3 - A severe problem
9	Feeling sad	2 - A moderate problem
10	Feeling that doing anything is a real effort	2 - A moderate problem
11	Feelings of guilt or remorse	1 - A mild problem
12	Having nightmares or bad dreams	0 - Not a problem
13	I feel like a failure	3 - A severe problem
14	I feel like I'm being punished	0 - Not a problem
15	Loss of interest in sex	0 - Not a problem
16	Not enjoying things as much as before	3 - A severe problem
17	Withdrawn, isolated	1 - A mild problem

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Mood Stability Questions		
1	Anger	1 - A mild problem
2	Angry outbursts	0 - Not a problem
3	Crying spells	1 - A mild problem
4	Easily agitated	1 - A mild problem
5	Easily annoyed	3 - A severe problem
6	Easily frustrated	2 - A moderate problem
7	Elevated mood, euphoria	0 - Not a problem
8	Excitable	2 - A moderate problem
9	Explosive	2 - A moderate problem
10	Feeling irritable	1 - A mild problem
11	Feeling negative	2 - A moderate problem
12	My moods change quickly	0 - Not a problem
13	Temper tantrums	0 - Not a problem
Mania Questions		
1	Much more interested in sex than usual	0 - Not a problem
2	Being much more social or outgoing than usual	0 - Not a problem
3	Decreased need for sleep	0 - Not a problem
4	Feeling much more confident than usual	0 - Not a problem
5	Having much more energy than usual	3 - A severe problem
6	Increased or inappropriate sexual interest	0 - Not a problem
7	Pressured speech, uninterruptible and continuous	0 - Not a problem
8	Thoughts racing	0 - Not a problem
Aggression Questions		
1	Blaming other people for your own mistakes	0 - Not a problem
2	Defiant or argumentative	1 - A mild problem
3	Destructive to property or things	0 - Not a problem
4	Excessive yelling or screaming	0 - Not a problem
5	Getting into fights	0 - Not a problem
6	Having an urge to injure or to hurt someone	0 - Not a problem
7	Having the urge to destroy things	0 - Not a problem
8	Hostile	1 - A mild problem
9	In trouble with the law	0 - Not a problem
10	Physical aggression toward others	0 - Not a problem
Psychotic Questions		
1	I feel nervous when people watch me or talk about me	3 - A severe problem
2	Feeling paranoid	0 - Not a problem
3	I feel that other people are watching or talking about me	0 - Not a problem
4	I feel that someone else can control my mind	0 - Not a problem
5	I feel that I can't trust other people	2 - A moderate problem
6	I feel I am being watched	0 - Not a problem
7	I hear voices that no one else can hear	0 - Not a problem
8	I can't think straight	3 - A severe problem
9	My mind is full of terrifying thoughts or images	0 - Not a problem
10	Other people know my private thoughts	0 - Not a problem
11	Overly suspicious	1 - A mild problem
12	Peculiar or bizarre behavior	0 - Not a problem
13	Seeing things that other people don't see	0 - Not a problem
14	I can't feel close to another person	2 - A moderate problem

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Somatic Questions		
1	Blackout spells or seizures	0 - Not a problem
2	Difficulty breathing	0 - Not a problem
3	Difficulty swallowing	0 - Not a problem
4	Dizzy/unsteady/lightheaded	2 - A moderate problem
5	Feeling faint	0 - Not a problem
6	Heart racing	0 - Not a problem
7	Nausea	0 - Not a problem
8	Numbness/Tingling	2 - A moderate problem
9	Worrying that something bad is wrong with your body	2 - A moderate problem
Fatigue Questions		
1	Fatigue	3 - A severe problem
2	Feeling slower than usual	3 - A severe problem
3	Feeling tired	3 - A severe problem
4	Feeling weak	3 - A severe problem
5	Low energy	3 - A severe problem
6	Unable to exercise without getting really tired	3 - A severe problem
Sleep Questions		
1	Difficulty staying asleep	1 - A mild problem
2	Hard to fall asleep	2 - A moderate problem
3	I wake up too early in the morning and can't get back to sleep	1 - A mild problem
4	Restless or disturbed sleep	1 - A mild problem
Suicide Questions		
1	I feel like giving up on life	1 - A mild problem
2	I feel like I would be better off dead	1 - A mild problem
3	I feel that I have nothing left to live for	2 - A moderate problem
4	I feel that my family would be better off if I were gone	2 - A moderate problem
5	Thinking about death or dying	2 - A moderate problem
6	Thoughts about ending your life	2 - A moderate problem
Pain Questions		
1	A lot of aches and pains	3 - A severe problem
2	Abdominal pain or discomfort	1 - A mild problem
3	Back pain	2 - A moderate problem
4	Chest pain or discomfort	1 - A mild problem
5	Headache	2 - A moderate problem
6	Muscle soreness	2 - A moderate problem
7	Unable to exercise without a lot of pain	2 - A moderate problem
8	Unbearable pain	0 - Not a problem
Substance Abuse Questions		
1	Abusing drugs	0 - Not a problem
2	I drink too much	0 - Not a problem
3	I use too many drugs or medications	2 - A moderate problem
PTSD Questions		
1	Avoiding certain things or places	2 - A moderate problem
2	Difficulty concentrating	3 - A severe problem
3	Difficulty staying asleep	1 - A mild problem
4	Easily startled	3 - A severe problem
5	Emotionally numb	2 - A moderate problem
6	Feeling depressed	2 - A moderate problem
7	Feeling discouraged about the future	3 - A severe problem
8	I feel that I can't trust other people	2 - A moderate problem
9	Flashbacks to a traumatic event	1 - A mild problem
10	Hard to fall asleep	2 - A moderate problem
11	Hard to go out in public	1 - A mild problem
12	Hard to relate to other people	2 - A moderate problem
13	Having nightmares or bad dreams	0 - Not a problem
14	Having unpleasant thoughts that you can't get out of your mind	2 - A moderate problem
15	I feel like I'm being punished	0 - Not a problem
16	Reliving a traumatic event	0 - Not a problem
17	Restless or disturbed sleep	1 - A mild problem
18	I can't feel close to another person	2 - A moderate problem

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Bipolar Questions		
1	Anger	1 - A mild problem
2	Angry outbursts	0 - Not a problem
3	Much more interested in sex than usual	0 - Not a problem
4	Being much more social or outgoing than usual	0 - Not a problem
5	Crying spells	1 - A mild problem
6	Decreased need for sleep	0 - Not a problem
7	Difficulty concentrating	3 - A severe problem
8	Difficulty paying attention	3 - A severe problem
9	Easily agitated	1 - A mild problem
10	Easily annoyed	3 - A severe problem
11	Easily distracted	3 - A severe problem
12	Easily frustrated	2 - A moderate problem
13	Elevated mood, euphoria	0 - Not a problem
14	Excitable	2 - A moderate problem
15	Explosive	2 - A moderate problem
16	Feeling irritable	1 - A mild problem
17	Feeling much more confident than usual	0 - Not a problem
18	Feeling restless	2 - A moderate problem
19	Feeling scattered, disorganized	3 - A severe problem
20	Having much more energy than usual	3 - A severe problem
21	High energy	0 - Not a problem
22	Impulsive, act without thinking	3 - A severe problem
23	Increased or inappropriate sexual interest	0 - Not a problem
24	My moods change quickly	0 - Not a problem
25	Overly active	0 - Not a problem
26	Pressured speech, uninterruptible and continuous	0 - Not a problem
27	Short attention span	3 - A severe problem
28	Temper tantrums	0 - Not a problem
29	Thoughts racing	0 - Not a problem
Autism Questions		
1	Avoiding eye contact	0 - Not a problem
2	I can't relate to other people, socially or emotionally	2 - A moderate problem
3	I don't attend to social signals	0 - Not a problem
4	I don't respond to other people's expressions or body language	0 - Not a problem
5	Not able to begin or to sustain a conversation with other people	0 - Not a problem
6	Not responsive to other people's feelings	0 - Not a problem
7	Odd preoccupations or interests	0 - Not a problem
8	Peculiar or bizarre behavior	0 - Not a problem
9	Preoccupied by a particular interest to the exclusion of other things	2 - A moderate problem
10	Repetitive behaviors like touching or counting	0 - Not a problem
11	Rigid, inflexible, resistant to change	1 - A mild problem
12	Strongly attached to routines or sameness in the environment	3 - A severe problem

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Asperger's Questions		
1	Avoiding eye contact	0 - Not a problem
2	Difficulty developing friendships	0 - Not a problem
3	Difficulty understanding sarcasm, metaphors or jokes	1 - A mild problem
4	Hard to relate to other people	2 - A moderate problem
5	I can't relate to other people, socially or emotionally	2 - A moderate problem
6	I don't attend to social signals	0 - Not a problem
7	I don't respond to other people's expressions or body language	0 - Not a problem
8	Not able to begin or to sustain a conversation with other people	0 - Not a problem
9	Not responsive to other people's feelings	0 - Not a problem
10	Odd preoccupations or interests	0 - Not a problem
11	Preoccupied by a particular interest to the exclusion of other things	2 - A moderate problem
12	Rigid, inflexible, resistant to change	1 - A mild problem
13	Strongly attached to routines or sameness in the environment	3 - A severe problem
14	I can't feel close to another person	2 - A moderate problem
15	Withdrawn, isolated	1 - A mild problem
ADHD Questions		
1	Difficulty concentrating	3 - A severe problem
2	Difficulty paying attention	3 - A severe problem
3	Easily distracted	3 - A severe problem
4	Feeling restless	2 - A moderate problem
5	Feeling scattered, disorganized	3 - A severe problem
6	Fidgety, I can't sit still	2 - A moderate problem
7	Forgetful, I need constant reminding	3 - A severe problem
8	Impatient	3 - A severe problem
9	Impulsive, act without thinking	3 - A severe problem
10	Leaving things behind and having to go back to get them.	3 - A severe problem
11	Losing things	3 - A severe problem
12	Making careless mistakes	2 - A moderate problem
13	Not finishing chores, homework or projects	3 - A severe problem
14	Overly active	0 - Not a problem
15	Short attention span	3 - A severe problem
MCI Questions		
1	Difficulty concentrating	3 - A severe problem
2	Difficulty paying attention	3 - A severe problem
3	Easily distracted	3 - A severe problem
4	Feeling scattered, disorganized	3 - A severe problem
5	Forgetful, I need constant reminding	3 - A severe problem
6	Forgetting appointments or social engagements.	3 - A severe problem
7	Forgetting if you have taken your medicine	2 - A moderate problem
8	Forgetting to do something you said you would do	3 - A severe problem
9	Forgetting to give a message to someone	3 - A severe problem
10	Forgetting to tell somebody something that you meant to tell them	3 - A severe problem
11	Forgetting where things are kept; looking for them in the wrong place	3 - A severe problem
12	Going to the store but forgetting to get what you need	3 - A severe problem
13	Having to do things slowly to make sure it's right	3 - A severe problem
14	I can't remember the names of close relatives or friends.	2 - A moderate problem
15	Learning new things	3 - A severe problem
16	Leaving things behind and having to go back to get them.	3 - A severe problem
17	Losing things	3 - A severe problem
18	Making careless mistakes	2 - A moderate problem
19	My mind goes blank	3 - A severe problem
20	Not finishing chores, homework or projects	3 - A severe problem
21	Putting something down and then forgetting where you put it.	3 - A severe problem
22	Reading something and then realizing you have read it before.	0 - Not a problem
23	Short attention span	3 - A severe problem
24	When reading, losing track of what the story is about	2 - A moderate problem

NeuroPsych Questionnaire (NPQ) LF-207

Subject Reference/ID: JillMackay	Test Date: August 27, 2013 11:12:55
Age: 55	Administrator: Mark Squibb
Total Test Time: 52:20 (min:secs)	Language: English (United States)
Administered using CNS Vital Signs Online Version 1.0	

Concussion Questions		
1	Difficulty concentrating	3 - A severe problem
2	Difficulty paying attention	3 - A severe problem
3	Dizzy/unsteady/lightheaded	2 - A moderate problem
4	Easily distracted	3 - A severe problem
5	Easily frustrated	2 - A moderate problem
6	Fatigue	3 - A severe problem
7	Feeling irritable	1 - A mild problem
8	Feeling scattered, disorganized	3 - A severe problem
9	Feeling slower than usual	3 - A severe problem
10	Hard to fall asleep	2 - A moderate problem
11	Headache	2 - A moderate problem
12	I can't think straight	3 - A severe problem
13	Low energy	3 - A severe problem
14	My mind goes blank	3 - A severe problem
15	My moods change quickly	0 - Not a problem
16	Problems with memory	3 - A severe problem
17	Short attention span	3 - A severe problem
18	Unable to exercise without getting really tired	3 - A severe problem
Anxiety/Depression Questions		
1	Crying spells	1 - A mild problem
2	Easily agitated	1 - A mild problem
3	Fatigue	3 - A severe problem
4	Feeling anxious	0 - Not a problem
5	Feeling depressed	2 - A moderate problem
6	Feeling discouraged about the future	3 - A severe problem
7	Feeling empty inside	3 - A severe problem
8	Feeling hopeless	2 - A moderate problem
9	Feeling irritable	1 - A mild problem
10	Feeling keyed up or on edge	2 - A moderate problem
11	Feeling little or no interest in things	2 - A moderate problem
12	Feeling lonely	3 - A severe problem
13	Feeling nervous	3 - A severe problem
14	Feeling restless	2 - A moderate problem
15	Feeling sad	2 - A moderate problem
16	Feeling scattered, disorganized	3 - A severe problem
17	Feeling so nervous it's hard to breathe	0 - Not a problem
18	Feeling tense	2 - A moderate problem
19	Feeling that doing anything is a real effort	2 - A moderate problem
20	Feeling tired	3 - A severe problem
21	Feelings of guilt or remorse	1 - A mild problem
22	Fidgety, I can't sit still	2 - A moderate problem
23	Hard to fall asleep	2 - A moderate problem
24	Having nightmares or bad dreams	0 - Not a problem
25	High-strung or keyed up	2 - A moderate problem
26	I feel like a failure	3 - A severe problem
27	I feel like I'm being punished	0 - Not a problem
28	I find it hard to relax	1 - A mild problem
29	Low energy	3 - A severe problem
30	My mind goes blank	3 - A severe problem
31	Not enjoying things as much as before	3 - A severe problem
32	Restless or disturbed sleep	1 - A mild problem
33	Thinking about death or dying	2 - A moderate problem
34	Withdrawn, isolated	1 - A mild problem
35	Worrying too much	3 - A severe problem

Head Injury Questionnaire (HIQ) LF-90

Subject Reference/ID: JillMackay	Test Date: August 27, 2013 11:12:55
Age: 55	Administrator: Mark Squibb
Total Test Time: 52:20 (min:secs)	Language: English (United States)
Administered using CNS Vital Signs Online Version 1.0	

The Head Injury Questionnaire asks patients (or an appropriate observer) a series of questions about symptoms that may occur after a head injury. HIQ Mean Score is reported on a scale of 0 (not a problem) to 300 (severe). As a rule, scores above 225 indicate a severe problem; scores from 150-224 indicate a moderate problem; and scores from 75-149, a mild problem. A high score means that the patient is reporting more symptoms of greater intensity. It doesn't necessarily mean that the patient has a particular condition; just that he or she (or their spouse, parent or caregiver) is saying that they have a lot of intense symptoms. Conversely, a low score simply means that the patient (or caregiver) is not reporting symptoms associated with a particular condition, at least during the period of time specified. It does not mean that the patient does not have the condition. Just as some people over-state their problems, others tend to under-state their problems. The Head Injury Questionnaire is not a diagnostic instrument. The results it generates are only meant to be interpreted by an experienced clinician in the course of a clinical examination.

	Total Score	115		HIQ Mean Score	128 (Mild)
1	Headache			2	A moderate problem
2	Neck pain			2	A moderate problem
3	Back pain			2	A moderate problem
4	Insomnia			1	A mild problem
5	Fatigue			3	A severe problem
6	Low energy			3	A severe problem
7	Lack of initiative			3	A severe problem
8	Low motivation			3	A severe problem
9	Problems with memory			3	A severe problem
10	Forgetting where you've put things			3	A severe problem
11	Finding a television story hard to follow			0	Not a problem
12	Forgetting when something happened			2	A moderate problem
13	Forgetting names			3	A severe problem
14	Problems remembering what you've read			1	A mild problem
15	Getting lost while driving or walking			1	A mild problem
16	Difficulty concentrating			3	A severe problem
17	Short attention span			3	A severe problem
18	Distractibility			3	A severe problem
19	Letter reversals			3	A severe problem
20	Number reversals			3	A severe problem
21	Word-finding difficulty			0	Not a problem
22	Alcohol intolerance			2	A moderate problem
23	Problems starting projects			2	A moderate problem
24	Problems planning activities			2	A moderate problem
25	Problems getting things done			3	A severe problem
26	Blurred vision			0	Not a problem
27	Nausea, vomiting			0	Not a problem
28	Drowsiness			1	A mild problem
29	Forgetting things that happened long ago			3	A severe problem
30	Not recognizing people you know very well			0	Not a problem
31	Feeling confused, disoriented			0	Not a problem
32	Depression			3	A severe problem
33	Disinterest in your usual activities			3	A severe problem
34	Crying spells			1	A mild problem
35	Extreme emotional reaction			1	A mild problem
36	Poor appetite/weight loss			0	Not a problem
37	Sleeping too much			0	Not a problem
38	Thoughts of ending your life			1	A mild problem
39	Feeling worthless			3	A severe problem
40	Feeling bored			0	Not a problem
41	Loss of affection for people close to you			1	A mild problem
42	Mood swings			1	A mild problem
43	Less control over your anger			1	A mild problem
44	Angry outbursts			1	A mild problem
45	Irritability			3	A severe problem

Head Injury Questionnaire (HIQ) LF-90

Subject Reference/ID: JillMackay	Test Date: August 27, 2013 11:12:55
Age: 55	Administrator: Mark Squibb
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47	Impulsiveness	1 - A mild problem
48	Low frustration tolerance	3 - A severe problem
49	Verbal aggression	0 - Not a problem
50	Physical aggression	0 - Not a problem
51	Impatience	3 - A severe problem
52	Restlessness	3 - A severe problem
53	Suspiciousness	1 - A mild problem
54	Mistrust of others	3 - A severe problem
55	Thoughts that people are talking about you	0 - Not a problem
56	Hearing things that aren't really there	0 - Not a problem
57	Seeing things that aren't really there	0 - Not a problem
58	Loss of your sense of taste	0 - Not a problem
59	Loss of your sense of smell	0 - Not a problem
60	Feeling dizzy	1 - A mild problem
61	Seeing double	0 - Not a problem
62	Hearing loss	0 - Not a problem
63	ringing in your ears	2 - A moderate problem
64	Sensitivity to bright light	3 - A severe problem
65	Sensitivity to loud noise	3 - A severe problem
66	Anxiety	3 - A severe problem
67	Nightmares	0 - Not a problem
68	Recurrent dreams of the accident	0 - Not a problem
69	Recurrent thoughts of the accident	0 - Not a problem
70	Lapses of attention	2 - A moderate problem
71	Spells, blackouts	0 - Not a problem
72	Increased activity levels	0 - Not a problem
73	Increased talkativeness	0 - Not a problem
74	Racing thoughts	0 - Not a problem
75	Increased self esteem	0 - Not a problem
76	Decreased need for sleep	0 - Not a problem
77	Reckless behavior	0 - Not a problem
78	Socially inappropriate behavior	0 - Not a problem
79	Less interest in sex	0 - Not a problem
80	More interest in sex	0 - Not a problem
81	More likely to talk about sex	0 - Not a problem
82	Weakness	3 - A severe problem
83	Tremors	3 - A severe problem
84	Poor coordination	2 - A moderate problem
85	Poor balance	0 - Not a problem
86	Feelings of deja vu	0 - Not a problem
87	Feeling strange	0 - Not a problem
88	Things look larger than they are	0 - Not a problem
89	Things look smaller than they are	0 - Not a problem
90	Extremely vivid memories	0 - Not a problem