

<b>Name</b>	Sample Sam	<b>ImPACT Passport ID</b>	XXXX-XXXX-XXXX
<b>Date of birth</b>	Jan 01, 1990	<b>Gender</b>	Male
<b>Organization</b>	CC demo testing		
<b>Native Country/Region</b>	United States		
<b>Native Language</b>	English		
<b>Second Language</b>			
<b>Years of education completed (excluding kindergarden)</b>	15	<b>Repeated one or more years of school</b>	No
<b>Received speech therapy</b>	Yes	<b>Diagnosed learning disability</b>	No
<b>Attended special education classes</b>	No	<b>Diagnosed with ADD/ADHD</b>	No
<b>Current sport</b>	Football		
<b>Primary position/event/class</b>			
<b>Current level of participation</b>	Collegiate		
<b>Years of experience at this level</b>	3		

## CONCUSSION HISTORY

<b>Number of times diagnosed with a concussion (excluding current injury)</b>	3	<b>Treatment for:</b>	
		- Headaches by physician	Yes
		- Migraine headaches by physician	No
<b>Number of concussions resulting in:</b>		- Epilepsy/seizures	No
- Loss of consciousness	1	- Brain surgery	No
- Confusion	2	- Meningitis	No
- Difficulty remembering events that occurred immediately after injury	2	- Substance or alcohol abuse	No
- Difficulty remembering events that occurred immediately before injury	0	- Psychiatric condition (depression/anxiety)	No
<b>Total games missed as a result of all concussions combined</b>	3	<b>Diagnosed with dyslexia</b>	No
		<b>Diagnosed with autism</b>	No
		<b>Strenuous exercise in the last 3 hours</b>	No

Exam Type	Baseline	Post-Injury 1	Post-Injury 2	Post-Injury 3	Post-Injury 4
Age When Tested	35	35	35	35	35
Date Tested	Apr 07, 2015	Apr 08, 2015	Apr 08, 2015	Apr 09, 2015	Apr 10, 2015
Concussion In Last 6 Months	No	Yes	Yes	Yes	Yes
Exam Language	English	English	English	English	English
Test Version	2.1	2.1	2.1	2.1	2.1

## COMPOSITE SCORE

Memory composite (verbal)	89	79%	<b>70</b>	12%	99	97%	95	89%	94	87%
Memory composite (visual)	82	73%	<b>63</b>	21%	94	97%	79	69%	89	89%
Visual motor speed composite	44.15	82%	<b>38.45</b>	52%	46.85	91%	44.6	84%	46.72	91%
Reaction time composite	0.55	74%	0.61	42%	<b>0.62</b>	38%	<b>0.65</b>	26%	<b>0.68</b>	17%
Impulse control composite	4		3		3		2		6	
Total Symptom Score	29		<b>55</b>		19		21		8	
Cognitive Efficiency Index	0.44		0.42		0.26		0.14		0.11	

The Cognitive Efficiency Index measures the interaction between accuracy (percentage correct) and speed (reaction time) in seconds on the Symbol Match test. This score was not developed to make return to activity decisions but can be helpful in determining the extent to which the test taker tried to work very fast on symbol match (decreasing accuracy) or attempted to improve their accuracy by taking a more deliberate and slow approach (jeopardizing speed). Low scores (0 to .20) may in some cases suggest a very poor performance on this subtest.

Scores in **bold red** type exceed the Reliable Change Index (RCI) when compared to the baseline score. However, scores that do not exceed the RCI index may still be clinically significant. Percentile scores if available are listed in small type.

Hours slept last night	6.5	6	6	7	6
Medication				none	none

ImPACT Applications clinical reports are not intended to provide a diagnosis or decision about the Test Taker. Testing results should be interpreted only by qualified healthcare professionals.

### WORD MEMORY

Hits (immediate)	11	11	12	11	12
Correct distractors (immed.)	10	12	12	11	11
Learning percent correct	88%	96%	100%	92%	96%
Hits (delay)	8	8	11	11	12
Correct distractors (delay)	9	5	12	8	11
Delayed memory % correct	71%	54%	96%	79%	96%
Total percent correct	79.5%	75%	98%	85.5%	96%

### DESIGN MEMORY

Hits (immediate)	11	11	10	10	12
Correct distractors (immed.)	11	6	12	11	11
Learning percent correct	92%	71%	92%	88%	96%
Hits (delay)	12	11	10	10	12
Correct distractors (delay)	9	4	10	9	10
Delayed memory % correct	88%	63%	83%	79%	92%
Total percent correct	90%	67%	87.5%	83.5%	94%

### X's AND O's

Total correct (memory)	9	7	12	9	10
Total correct (interference)	118	118	118	124	117
Average correct RT (interference)	0.48	0.48	0.47	0.45	0.48
Total incorrect (interference)	3	2	3	0	5
Average incorrect RT (interference)	0.49	0.44	0.39	0	0.38

### SYMBOL MATCH

Total correct (visible)	27	27	27	27	27
Average correct RT (visible)	1.52	1.59	2.22	2.58	2.67
Total correct (hidden)	8	8	9	9	9
Average correct RT (hidden)	3.42	2.74	2.06	2.37	2.73

### COLOR MATCH

Total correct	9	9	9	9	9
Average correct RT	0.65	0.83	0.66	0.64	0.68
Total commissions	1	1	0	2	1
Average commissions RT	0.71	1.03	0	0.51	1.15

### THREE LETTERS

Total sequence correct	5	1	5	5	4
Total letters correct	15	7	15	15	13
% of total letters correct	100%	46.67%	100%	100%	86.67%
Average time to first click	2.27	3.24	1.44	2.06	2.29
Average counted	19.6	15.8	21.4	20.2	21.8
Average counted correctly	19.6	15.8	21.4	19.4	21.4

## SYMPTOM SCORE

Headache	1	2	<b>4</b>	1	1	0
Nausea	1	2	<b>2</b>	1	0	0
Vomiting	0	0	<b>1</b>	0	0	0
Balance Problems	2	3	<b>3</b>	1	1	0
Dizziness	1	2	<b>3</b>	0	0	0
Fatigue	2	4	<b>4</b>	2	1	1
Trouble falling asleep	1	5	<b>N/A</b>	2	1	1
Sleeping more than usual	2	4	<b>N/A</b>	0	1	0
Sleeping less than usual	0	0	<b>N/A</b>	0	0	1
Drowsiness	0	2	<b>2</b>	1	0	0
Sensitivity to light	1	3	<b>2</b>	1	1	1
Sensitivity to noise	1	3	<b>2</b>	1	1	0
Irritability	2	3	<b>4</b>	1	2	1
Sadness	1	1	<b>1</b>	0	0	0
Nervousness	3	3	<b>3</b>	2	2	1
Feeling more emotional	3	2	<b>2</b>	1	1	1
Numbness or tingling	0	0	<b>0</b>	0	0	0
Feeling slowed down	1	3	<b>4</b>	2	2	0
Feeling mentally foggy	1	4	<b>4</b>	1	1	0
Difficulty concentrating	3	4	<b>3</b>	1	3	1
Difficulty remembering	2	3	<b>4</b>	1	2	0
Visual problems	1	2	<b>2</b>	0	1	0
<b>Total Symptom Score</b>	<b>29</b>	<b>55</b>	<b>50</b>	<b>19</b>	<b>21</b>	<b>8</b>

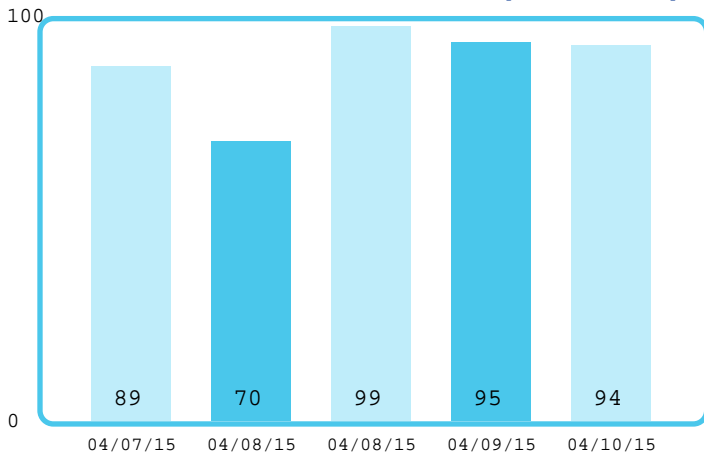
First column displays symptoms immediately before test.

**The ImPACT Symptom Increase Score.**

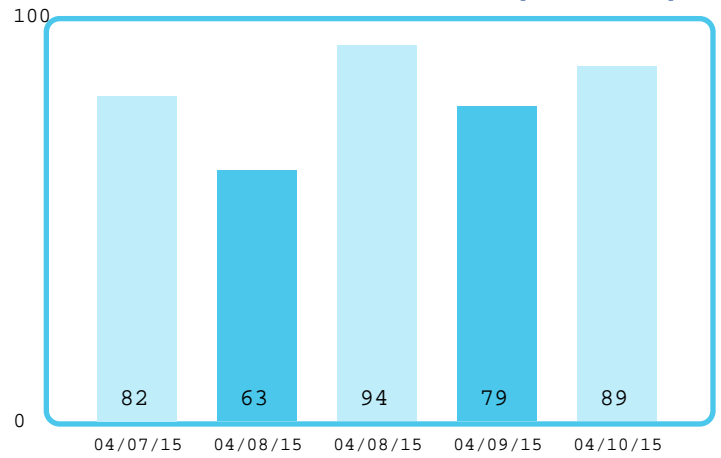
## 2019 TOTAL NF RVU VALUES

CPT Code	Descriptor	NF RVU Value
96116	Neurobehavioral status exam (clinical assessment of thinking, reasoning and judgement, e.g., acquired knowledge, attention, language, memory, planning and problem solving, and visual spatial abilities), by physician or other qualified health care professional, both face-to-face time with the patient and time interpreting test results and preparing the report; first hour	2.70
+96121	Each additional hour (List separately in addition to code for primary procedure)	2.32
96132	Neuropsychological testing evaluation services by physician or other qualified health care professional, including integration of patient data, interpretation of standardized test results and clinical data, clinical decision making, treatment planning and report and interactive feedback to the patient, family member(s) or caregiver(s), when performed; first hour	3.71
+96133	Each additional hour (List separately in addition to code for primary procedure)	2.83
96136	Psychological or neuropsychological test administration and scoring by physician or other qualified health care professional two or more tests, any method, first 30 minutes	1.33
+96137	Each additional 30 minutes (List separately in addition to code for primary procedure)	1.23
96138	Psychological or neuropsychological test administration and scoring by technician, two or more tests, any method; first 30 minutes	1.08
+96139	Each additional 30 minutes (List separately in addition to code for primary procedure)	1.08
96146	Psychological or neuropsychological test administration, with single automated instrument via electronic platform, with automated result only	0.06

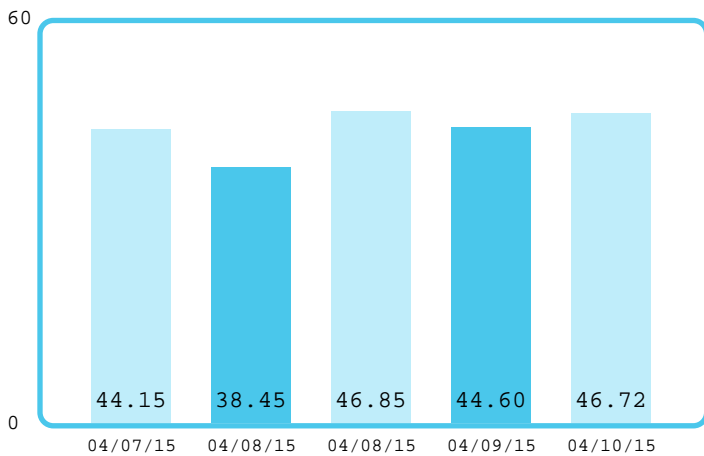
### MEMORY COMPOSITE (VERBAL)



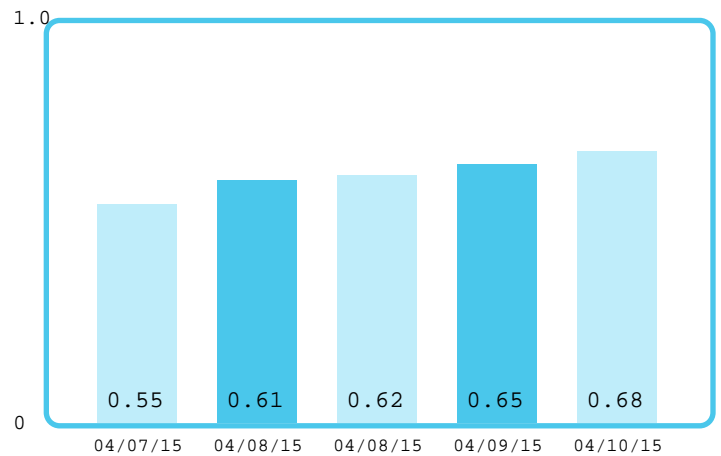
### MEMORY COMPOSITE (VISUAL)



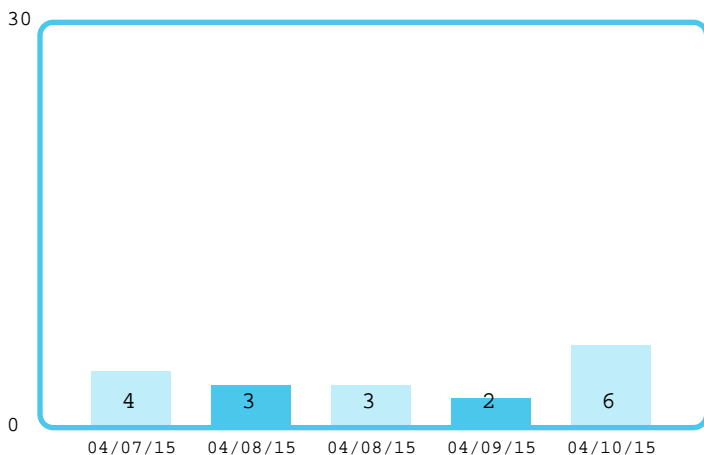
### VISUAL MOTOR COMPOSITE



### REACTION TIME COMPOSITE



### IMPULSE CONTROL COMPOSITE



### SYMPTOM SCORE

