

"H"

Organization: Sample High School
 Subject ID#: 111-11-1111

Date of birth:	12/01/90	Age:	15
Gender:	Male	Height:	71 inches
Handedness:	Right	Weight:	168 lbs

Native country / region:	United States of America	Second language:	(None)
Native language:	English	Years speaking:	0

Years of education completed excluding kindergarten:	8	Received speech therapy:	No
Diagnosed learning disability:	No	Problems with ADD/Hyperactivity:	No
Attended special education classes:	No	Repeated one or more years of school:	No

Current sport:	Ice Hockey	Current level of participation:	AAA midget minor
Primary position/event/class:	left wing	Years experience at this level:	4

Number of times diagnosed with a concussion (excluding current injury):	3
Concussions that resulted in loss of consciousness:	1
Concussions that resulted in confusion:	2
Concussions that resulted in difficulty remembering events that occurred immediately after injury:	0
Concussions that resulted in difficulty remembering events that occurred	0
Total games missed as a result of all concussions combined:	3

Concussion history: 01/01/2002, 02/01/2002, 02/01/2003, 01/22/2006, 01/24/2006

Treatment for headaches by physician:	No	Treatment for psychiatric condition (depression, anxiety):	No
Treatment for epilepsy / seizures:	No	Treatment for migraine headaches by physician:	No
History of brain surgery:	No	Treatment for substance/alcohol abuse:	No
History of meningitis:	No		

Exam Type		Post-concussion	Post-concussion	Post-concussion	Post-concussion	Post-concussion
Date Tested		01/26/2006	02/01/2006	02/10/2006	02/24/2006	03/10/2006
Last Concussion		01/24/2006	01/24/2006	01/24/2006	01/24/2006	01/24/2006
Exam Language		English	English	English	English	English
Test Version		4.5.805	4.5.805	4.5.805	4.5.805	4.5.805

Composite Scores *	
Memory composite (verbal)	54 <1% 67 2% 72 7% 79 18% 78 18%
Memory composite (visual)†	38 <1% 47 1% 72 34% 70 30% 70 30%
Visual motor speed composite	19.00 3% 24.88 9% 30.80 32% 32.63 40% 31.08 32%
Reaction time composite	1.19 <1% 0.80 1% 0.64 13% 0.58 40% 0.55 62%
Impulse control composite	13 5 4 5 9
Total Symptom Score	33 24 15 13 17

* Scores in bold type indicate scores that exceed the Reliable Change Index score (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. Please consult your ImPACT User Manual for more details.

† Clinical composite score is available only for exams taken in ImPACT version 2.0 or later.

Concussion Details	
Date of concussion	01/24/2006
Loss of consciousness	None
Retrograde amnesia	1-5 minutes
Anterograde amnesia	6-15 minutes
Confusion / disorientation	1-59 seconds
Returned to play	Did not return
Taken to hospital	
CT/MRI scan of head	
Point of impact	Nasal, midline
Mouthguard type	
Mouthguard condition	
Mouthguard manufacturer	
Helmet manufacturer	
Helmet model	
Helmet size	
Symptoms	headache, dizziness or balance problems, visual changes, nausea, personality change, fatigue
Description of injury and additional information	Hit in the face with a puck.

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 412-432-3681 (Secretary)
 lovellmr@upmc.edu

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Exam Type		Post-concussion	Post-concussion	Post-concussion	Post-concussion	Post-concussion
Date Tested		01/26/2006	02/01/2006	02/10/2006	02/24/2006	03/10/2006
Last Concussion		01/24/2006	01/24/2006	01/24/2006	01/24/2006	01/24/2006

Word Memory		WG = 2	WG = 3	WG = 3	WG = 4	WG = 5
Hits (immediate)		7	10	7	10	10
Correct distractors (immed.)		7	9	12	10	11
Learning percent correct		58%	79%	79%	83%	88%
Hits (delay)		8	5	8	9	7
Correct distractors (delay)		3	9	9	11	8
Delayed memory pct. correct		46%	58%	71%	83%	63%
Total percent correct		52%	69%	75%	83%	75%

Design Memory						
Hits (immediate)		8	10	8	6	8
Correct distractors (immed.)		4	5	10	8	11
Learning percent correct		50%	63%	75%	58%	79%
Hits (delay)		4	10	8	8	7
Correct distractors (delay)		8	4	11	9	5
Delayed memory pct. correct		50%	58%	79%	71%	50%
Total percent correct		50%	60%	77%	65%	65%

X's and O's						
Total correct (memory)		3	4	8	9	9
Total correct (interference)		68	91	124	129	131
Avg. correct RT (interference)		1.18	0.78	0.44	0.40	0.37
Total incorrect (interference)		5	2	4	4	7
Avg. incorrect RT (interfer.)		1.20	0.96	0.34	0.28	0.25

Symbol Match						
Total correct (visible)		24	27	27	26	27
Avg. correct RT (visible)		2.98	1.83	1.50	1.45	1.39
Total correct (hidden)		5	4	5	6	6
Avg. correct RT (hidden)		1.25	1.83	2.36	1.43	1.35

Color Match						
Total correct		6	8	9	9	9
Avg. correct RT		1.39	1.01	0.99	0.85	0.81
Total commissions		8	3	0	1	2
Avg. commissions RT		1.31	1.12	0.00	1.09	1.94

Three Letters						
Total sequence correct		0	3	3	3	4
Total letters correct		8	13	13	13	14
Pct. of total letters correct		53%	87%	87%	87%	93%
Avg. time to first click		4.30	3.52	3.33	2.64	2.14
Avg. counted		7.0	9.0	10.2	11.4	9.8
Avg. counted correctly		7.0	9.0	10.2	11.0	9.8

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Last Concussion		01/24/2006	01/24/2006	01/24/2006	01/24/2006	01/24/2006
Headache		3	1	1	0	0
Nausea		1	1	0	0	0
Vomiting		0	0	0	0	0
Balance Problems		3	2	0	0	0
Dizziness		1	1	0	1	0
Fatigue		2	3	2	1	2
Trouble falling asleep		0	0	0	1	1
Sleeping more than usual		2	4	3	2	2
Sleeping less than usual		0	0	0	0	0
Drowsiness		2	2	1	2	1
Sensitivity to light		2	1	1	0	1
Sensitivity to noise		0	2	1	0	1
Irritability		0	0	1	1	1
Sadness		0	0	0	0	0
Nervousness		0	0	0	0	1
Feeling more emotional		0	0	0	1	1
Numbness or tingling		0	0	0	0	0
Feeling slowed down		5	2	2	1	2
Feeling mentally foggy		4	1	1	1	1
Difficulty concentrating		5	2	1	1	2
Difficulty remembering		2	2	1	1	1
Visual problems		1	0	0	0	0
Total Symptom Score		33	24	15	13	17

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Post-concussion	Hours slept last night	
01/26/2006	Medication	
	Subject comments	
	Supervisor comments	
Post-concussion	Hours slept last night	
02/01/2006	Medication	
	Subject comments	
	Supervisor comments	
Post-concussion	Hours slept last night	
02/10/2006	Medication	
	Subject comments	
	Supervisor comments	
Post-concussion	Hours slept last night	12.0
02/24/2006	Medication	
	Subject comments	
	Supervisor comments	
Post-concussion	Hours slept last night	
03/10/2006	Medication	
	Subject comments	
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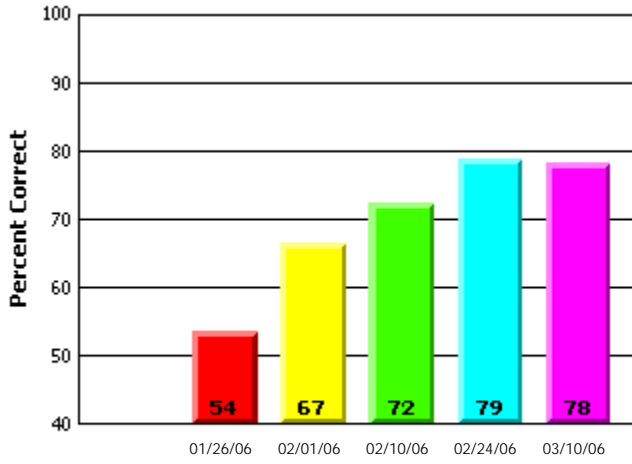
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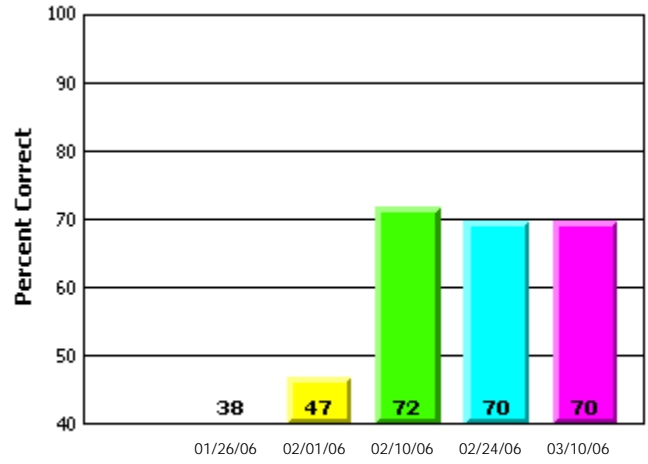
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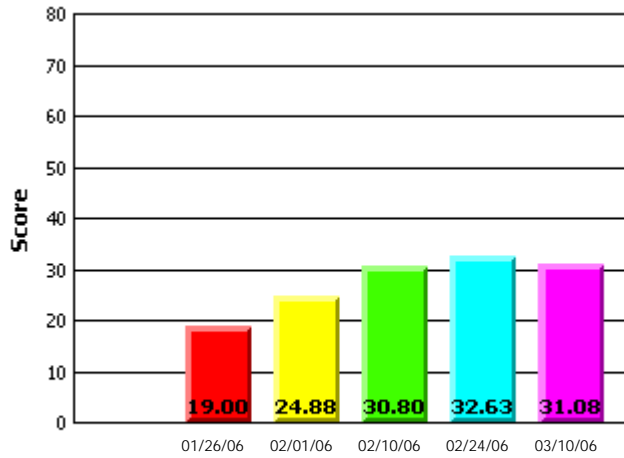
Memory Composite (Verbal)



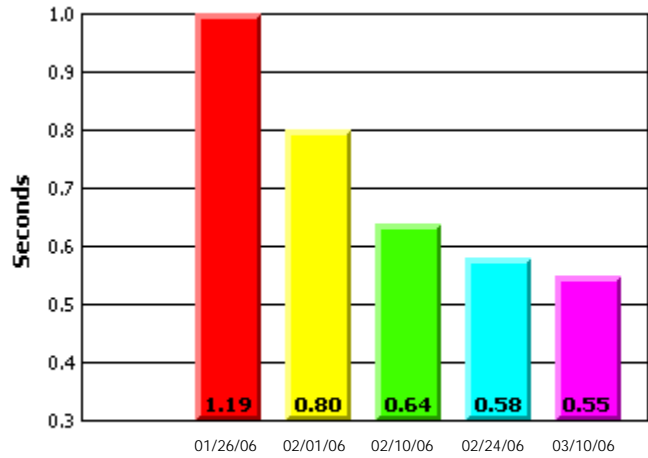
Memory Composite (Visual)



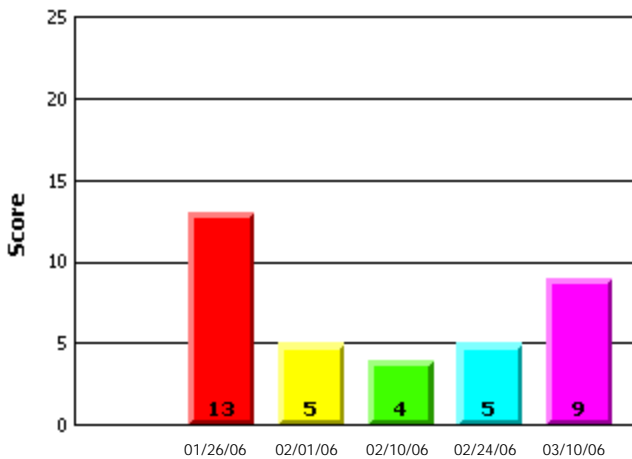
Visual Motor Speed Composite



Reaction Time Composite



Impulse Control Composite



Symptom Score

