



After-Injury Test Report

Wait and Retest

Test Information

Codename: TH2009BS1454
 Birth Year: 1996
 Gender: Male
 Age: 13
 Handedness: Right
 Test Date: 08 Apr 2009
 Test Time: 02:25 PM
 Test Duration: 705.6 seconds
 Test Type: After-Injury
 Baseline Test Date: 24 Feb 2009
 Test Id: 25504
 Team: Pharos2009

Integrity Checks

Detection Accuracy > 90% (97%) ✓
 Identification Accuracy > 80% (97%) ✓
 One Card Learning Accuracy > 53% (83%) ✓
 Detection Speed < Identification Speed ✓
 Detection Speed < One Back Speed ✓

Clinical Symptom Checklist

SCAT Baseline Symptom Total : 0
 SCAT After-Injury Symptom Total : 0

SCAT After-Injury Total : 0
 Other symptom: None

Concussion History

How many times have you been concussed? 1 time
 When were you injured? More than 2 weeks ago
 At the time of your injury, were you knocked out (unconscious)? No
 After you were injured, did you have trouble remembering things which happened around the time of your injury? Yes
 Have you seen a doctor since you were injured? Yes
 Have you participated in any sport training or other exercise since you were injured? Yes

Cognitive Test Results

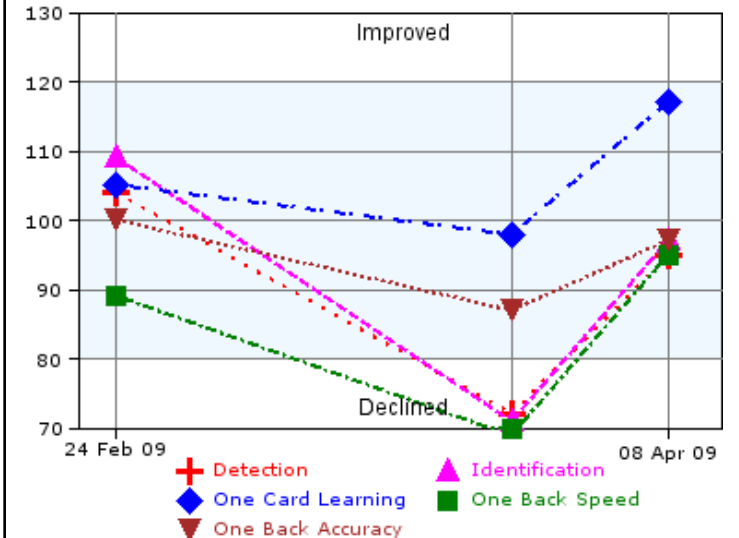
	Baseline	After-Injury	Significant Decline ⁵
Detection	104	95	Yes 9 (N<6.5)
Speed 1	288 ms	333 ms	
Accuracy 2	97.3%	97.3%	
Hits 3	36	36	
Misses 4	1	1	
Anticipations 4	1	1	
Identification	109	97	Yes 12 (N<12.0)
Speed 1	464 ms	582 ms	
Accuracy 2	88.2%	96.8%	
Hits 3	30	30	
Misses 4	4	1	
Anticipations 4	0	0	
One Card Learning	105	117	
Speed 1	1041 ms	1182 ms	
Accuracy 2	71.4%	83.3%	
Hits 3	30	35	
Misses 4	12	7	
Anticipations 4	0	0	
One Back Speed	89	96	
One Back Accuracy	100	98	No 2 (N<15.7)
Speed 1	932 ms	798 ms	
Accuracy 2	88.6%	86.1%	
Hits 3	31	31	
Misses 4	4	5	
Anticipations 4	0	0	

1. A higher value indicates a slower response
2. A higher value indicates a better response
3. A higher value indicates a better performance
4. A higher value indicates a poorer performance
5. Threshold is 1.65 standard deviations computed from age-based within subject standard deviation

Note: Cognitive test results are standardised around a mean of 100, with a standard deviation of 10. All data is compared to age-matched normative baseline.

Result Summary

This athlete displayed a decline in cognitive test performance from their baseline test. Another test should be taken in 24 hours. If cognitive impairments do not resolve, this athlete should be evaluated by a neurological specialist.



Warning: Taking this test will not prevent head injury. For more information visit the frequently Asked Questions (FAQ) page on sport.cogstate.com

Some CogState Sport reports must be interpreted by a doctor. See 'Result Summary' for details. Read CogState Sport reports carefully. In some cases, CogState Sport reports will suggest that the athlete be referred to a specialist neurologist, neurosurgeon, or neuropsychologist. CogState Sport is intended only as an adjunct to conventional medical management of sports concussion. It does not provide medical diagnostic advice and is not intended to be used to diagnose, treat, cure or prevent any disease, illness or condition, nor should it be used for therapeutic purposes or as a substitute for the advice of a health professional.

Return-to-play decisions should not be based on CogState Sport results alone. Such decisions must also take into consideration the athlete's clinical signs and symptoms, history of concussion, the results of any other investigations undertaken (eg, MRI or CT scans), and also the possibility that false-positive or false-negative impairments may be reported.