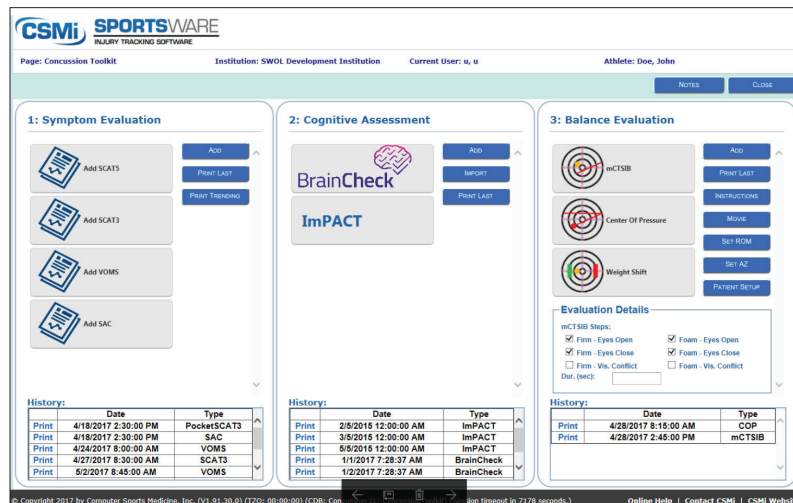


SportsWareOnLine Releases Concussion Tool Box!

SportsWareOnLine (SWOL), the number one Athletic Training injury tracking system, again leads the way with the most complete set of concussion assessment tools. With new research data being discovered about concussions and their long-term effects on the brain, it's more critical than ever for institutions to ensure they have a comprehensive concussion management system in place. SportsWare's Concussion Toolbox brings together Symptom Evaluation, Neurocognitive Testing, objective Balance Assessment, and full reporting together in one easy-to-use screen.



SWOL's Concussion Tool Box helps you meet the NCAA Best Practices for Concussion Management.

Symptom Evaluation

The Symptom Evaluation section includes SAC, SCAT5, Pocket SCAT and VOMS assessments, with individual and trending test reports available for each assessment type.

1: Symptom Evaluation

Add SCAT5 **ADD**
 PRINT LAST
 PRINT TRENDING

Add SCAT3

Add VOMS

Add SAC

History:

	Date	Type
Print	4/18/2017 2:30:00 PM	PocketSCAT3
Print	4/18/2017 2:30:00 PM	SAC
Print	4/24/2017 8:00:00 AM	VOMS
Print	4/27/2017 8:30:00 AM	SCAT3
Print	5/2/2017 8:45:00 AM	VOMS


Concussion Report (SCAT3)
 SportsWareOnLine - Live Site xxxx

Name: Athlete, John Exam: ID#: ABC123 Test Date: 2/27/2017 3:45 PM

Potential signs of concussion?	Symptom Evaluation
Any loss of consciousness? <input type="checkbox"/> Y <input type="checkbox"/> N	"Score yourself on the following symptoms, based on how you feel now."
"If so, how long?"	Headache 0 1 2 3 4 5 6
Balance or motor incoordination (stumbles, slow/laboured movements, etc.)? <input type="checkbox"/> Y <input type="checkbox"/> N	"Pressure in head" 0 1 2 3 4 5 6
Disorientation or confusion (inability to respond appropriately to questions)? <input type="checkbox"/> Y <input type="checkbox"/> N	Neck Pain 0 1 2 3 4 5 6
Loss of memory? <input type="checkbox"/> Y <input type="checkbox"/> N	Nausea or vomiting 0 1 2 3 4 5 6
"If so, how long?"	Dizziness 0 1 2 3 4 5 6
"Before or after the injury?"	Blurred vision 0 1 2 3 4 5 6
Blank or vacant look? <input type="checkbox"/> Y <input type="checkbox"/> N	Balance problems 0 1 2 3 4 5 6
Visible facial injury in combination with any of the above? <input type="checkbox"/> Y <input type="checkbox"/> N	Sensitivity to light 0 1 2 3 4 5 6
Glasgow coma scale (GCS)	Sensitivity to noise 0 1 2 3 4 5 6
Best eye response (E)	Feeling slowed down 0 1 2 3 4 5 6
No eye opening 1	Feeling like "in a fog" 0 1 2 3 4 5 6
Eye opening in response to pain 2	"Don't test right" 0 1 2 3 4 5 6
Eye opening to speech 3	Difficulty concentrating 0 1 2 3 4 5 6
Eyes opening spontaneously 4	Difficulty remembering 0 1 2 3 4 5 6
Best verbal response (V)	Fatigue or low energy 0 1 2 3 4 5 6
No verbal response 1	Confusion 0 1 2 3 4 5 6
Incomprehensible sounds 2	Drowsiness 0 1 2 3 4 5 6
Inappropriate words 3	Trouble falling asleep 0 1 2 3 4 5 6
Confused 4	More emotional 0 1 2 3 4 5 6
Oriented 5	Irritability 0 1 2 3 4 5 6
Best motor response (M)	Sadness 0 1 2 3 4 5 6
No motor response 1	Nervous or anxious 0 1 2 3 4 5 6
Extension to pain 2	Total number of symptoms (Max possible 22)
Abnormal flexion to pain 3	Symptom severity score (Max possible 132)
Flexion / Withdrawal to pain 4	Do the symptoms get worse with physical activity? <input type="checkbox"/> Y <input type="checkbox"/> N
Localizes to pain 5	Do the symptoms get worse with mental activity? <input type="checkbox"/> Y <input type="checkbox"/> N
Obeys commands 6	<input type="checkbox"/> self rated <input type="checkbox"/> self rated and clinician monitored
Glasgow coma score (E + V + M) of 15	<input type="checkbox"/> clinician interview <input type="checkbox"/> self rated with parent input
GCS should be recorded by all athletes in case of further deterioration.	Overall rating: If you know the athlete well prior to the injury, how different is the athlete acting compared to his / her usual self? no different very different unsure N/A

The Cognitive Assessment section interfaces to industry-leading BrainCheck® and ImPACT® cognitive assessment tools, allowing you to import test results and generate reports directly from SportsWareOnLine.


2: Cognitive Assessment



ADD

IMPORT


PRINT LAST



History:

	Date	Type
Print	4/28/2017 2:45:00 PM	ImPACT
Print	4/29/2017 8:15:00 AM	BrainCheck

ImPACT™ Clinical Report



Doe, John

Organization: SWOL Development Institution Age: 35
 Date of Birth: 03/10/1980 Height: 70 inches
 Gender: Male Weight: 158 lbs
 Handedness:

Native country/region: United States Second language: Years speaking: N/A
 Native language: English Years speaking: N/A

Years of education completed excluding kinder garden: 18 Repeated one or more years of school: No
 Received speech therapy: No Diagnosed learning disability: No
 Attended special education classes: No Problems with ADHD/hyperactivity: No

Current sport: Water Polo Current level of participation: Collegiate
 Primary position/positions: Years of experience at this level: 6

Number of times diagnosed with a concussion (excluding current injury): 0
 Concussions that resulted in loss of consciousness: 0
 Concussions that resulted in confusion: 0
 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 results of all concussions combined: 0
 Concussion history:


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

History of brain surgery: No

Diagnosed with ADD/ADHD: No Diagnosed with Autism: No
 Diagnosed with Dyslexia: No Strenuous exercise in the last 3 hours: No

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BrainCheck Summary Report



John Doe

Report Date: 04/18/2017 Age: 35
 Date of Birth: 03/10/1980 Sex: Male

Score Table

Assessments	PREVIOUS SCORES 02/11/2017			CURRENT SCORES 03/15/2017			Percent Change (%)
	Raw Score	Standard Score*	Percentile Rank**	Raw Score	Standard Score*	Percentile Rank**	
Cognitive processing	1.77	103.6	59.48	1.99	92.95	31.92	-10.28
Reaction Time	0.08	160.75	100.0	0.5	112.9	80.51	-29.77
Executive Function	1.97	94.75	36.32	1.57	116.65	86.65	23.11
Task Switching	0.96	123.25	93.94	1.0	121.6	92.51	-1.34
Immediate recall	19.0	100.0	50.0	9.0	-50.0	0.0	-150.0
Delayed recall	17.0	74.95	4.75	10.0	-12.5	0.0	-118.68

*Standard score: A normalized score compared to the population. The mean score of the population is 100, and the standard deviation of the population is 15. Scores above 100 indicate increased performance compared to the average performance of the population.

**Raw score: The values captured from each assessment. Units are specified in the individual assessments section below.

**Percentile Rank: Ranking within the population tested. For example, if your score is 70%, 70% of the population scored lower than you.

Notes

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