

Concussions



We believe that there is no such thing as “too much” information for evaluating and treating concussions. To that end we have a variety of information available in ATS, including the **SCAT3**, BESS, SAC and more. Electronic docs & files may also be scanned or imported.

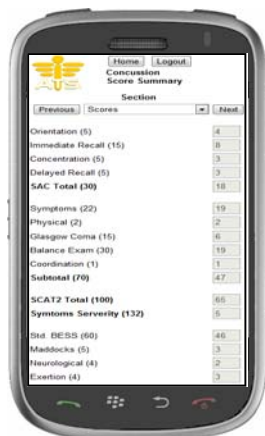
Enter & View Evaluations:



On your computer



On your tablet or iPad



On your smart phone

Evaluations Include:

- ✓ Symptoms
- ✓ Glasgow Coma
- ✓ Neurological
- ✓ Orientation
- ✓ Concentration
- ✓ Immediate Recall
- ✓ Delayed Recall
- ✓ Balance
- ✓ Coordination
- ✓ Maddocks
- ✓ Exertion
- ✓ Electronic Files

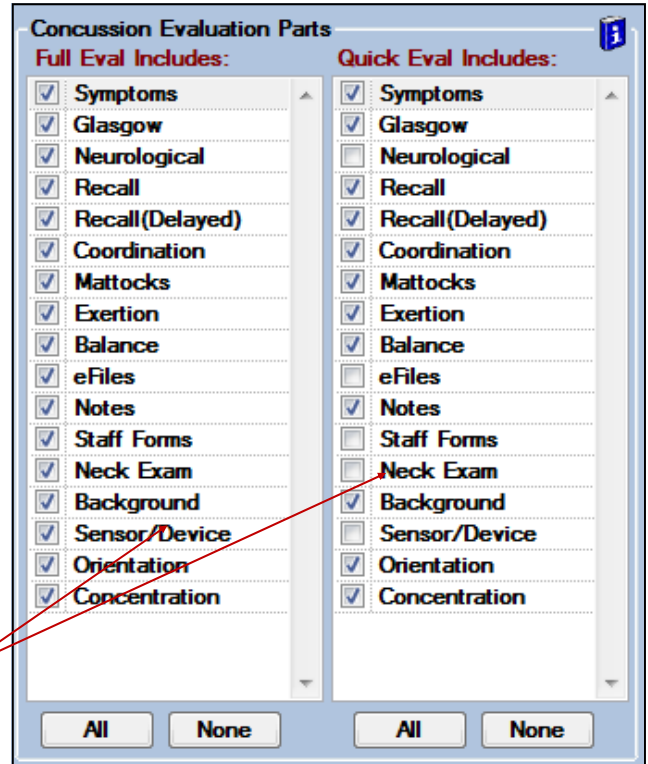
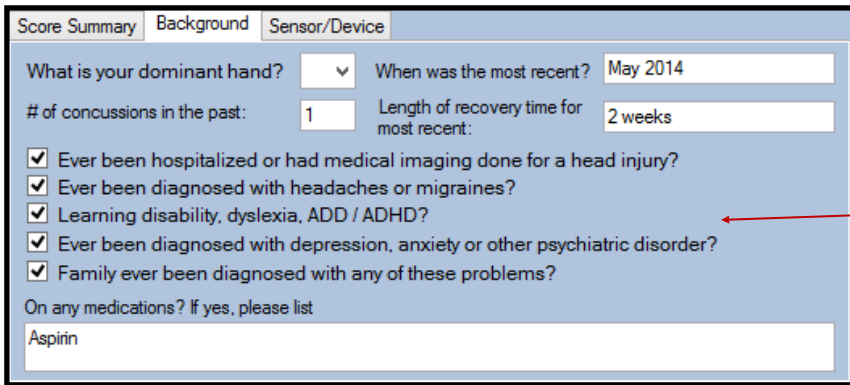
Features & Functionality:

- ✓ Easy input
- ✓ Notes for each section
- ✓ Automatic score calculation
- ✓ Available where you need it
- ✓ Report of results
- ✓ Electronic files including pdf, audio, video and more

Two types/sets of concussion evaluations may be performed; a “Full” evaluation or the “Quick” evaluation can be entered via your computer, phone or tablet....and the concussion assessment pieces included are defined by your administrator when he/she chooses them from our available list.

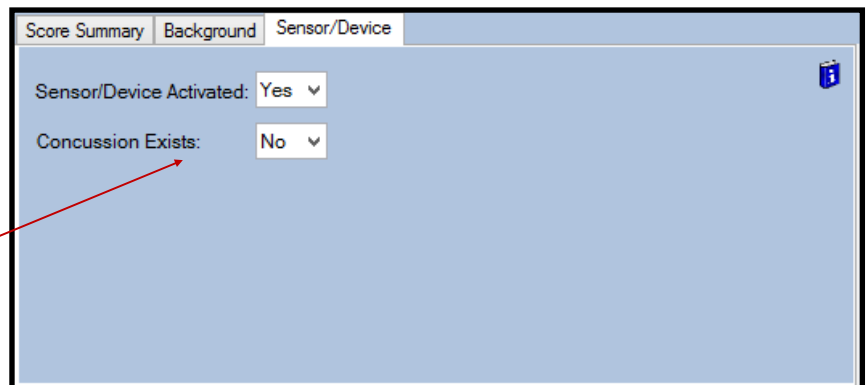
Custom-Defined Dual Evaluation Types...

...choose the evaluation parts to be included for a “full” evaluation or a “quick” evaluation

In addition to the other types of assessments ATS also allows for background information.

There are a variety of devices on the market that can be used to indicate that a concussion evaluation should be done. ATS gives you the ability to track if the device “went off” and if a concussion was found.





Below are 3 examples of our evaluation reports

A summary of the concussion information entered

KDS Sports													
Concussion Evaluation for: Anderson, Bobby J													
Assess Date 08/08/2014		Sport: Basketball				Gender: Male				Age: 20			
Type: Baseline		Admin by 1: Keffer Admin				Admin by 2: Duane Anderson							
Orient (5)	5	Symptoms (22)	5	Std BESS (60)	0	Maddox (5)	0	Imm Recall (15)	13	Physical (2)	2	Neuro (4)	4
Concen (5)	4	Glasgow (15)	15	Symptom Severity (132)	6	Excertion (4)	2	Del Recall (5)	0	Balance Exam (30)	30	SCAT3 Total (100)	74
SAC Total (30)	22	Coordination (1)	0										
		Subtotal (70)	52										
No Lost Consciousness Yes		If yes, how long: Min		No Seizures or Convulsions?: Yes		No Balance Problems?: Yes							
Orientation:				Concentration:				Sequence 1		Sequence 2			
Yes	What month is it?			Yes	2-5-4			2-7-9					
Yes	What is the date today?			Yes	5-6-3-2			3-8-2-4					
Yes	What is the day of the week?			Yes	4-5-3-8-1			5-3-8-9-4					
Yes	What year is it?			Yes	8-1-6-2-5-7			9-7-3-8-2-6					
Yes	What time is it right now?												
Immediate Recall:													

Baseline summary comparisons for each evaluation done

KDS Sports													
Concussion Eval Summary for: Anderson, Bobby J													
KDS School Men Basketball													
Result format is evaluation results / vs baseline difference													
Eval/Assess	Admin by	Assess Date	Orient	Im Recall	Concen	Del Recall	SAC	SCAT 3	Madx	Glasgow	Neuro	Excert	BESS
Baseline	Keffer Admin	08/08/2014	5	13	4	0	22	74	0	15	4	2	0
After Game	Keffer Admin	08/10/2014	0 / 5	0 / 13	0 / 4	0 / 0	0 / 22	35 / 39	3 / -3	0 / 15	0 / 4	0 / 2	0 / 0
Daily Assessment	Keffer Admin	08/11/2014	5 / 0	13 / 0	4 / 0	0 / 0	22 / 0	74 / 0	0 / 0	15 / 0	4 / 0	2 / 0	0 / 0
7 Day After	Keffer Admin	08/15/2014	0 / 5	0 / 13	0 / 4	0 / 0	0 / 22	35 / 39	3 / -3	0 / 15	0 / 4	0 / 2	0 / 0
14 Day After	Keffer Admin	08/22/2014	5 / 0	13 / 0	4 / 0	0 / 0	22 / 0	74 / 0	0 / 0	15 / 0	4 / 0	2 / 0	0 / 0
Daily Assessment	Keffer Admin	09/06/2014	0 / 5	0 / 13	0 / 4	0 / 0	0 / 22	35 / 39	3 / -3	0 / 15	0 / 4	0 / 2	0 / 0



Crosstab of concussion symptoms by evaluation...

KDS Sports
Athlete Concussion Symptom/Severity Summary for: **Anderson, Bobby J**

Severity Scale	8/8/2014 12:00AM	8/9/2014 12:00AM	8/10/2014 12:00AM	8/11/2014 12:00AM	8/12/2014 12:00AM	8/15/2014 12:00AM	8/22/2014 12:00AM	8/29/2014 12:00AM	9/6/2014 12:00AM
0 - None									
1 - Mild									
2 - Mild									
3 - Moderate									
4 - Moderate									
5 - Severe									
6 - Severe									
Balance Problems	1	0	0	1	1	1	1	1	1
Blurred Vision	1	1	0	1	1	1	1	1	1
Confusion	1	2	0	1	1	1	1	1	1
Difficulty Concentrating	0	0	2	0	0	0	0	0	0
Difficulty Remembering	0	3	0	0	0	0	0	0	0
Dizziness	0	0	3	0	0	0	0	0	0
Don't Feel Right	0	0	0	0	0	0	0	0	0
Drowsiness	0	0	0	0	0	0	0	0	0
Fatigue or Low Energy	1	2	0	1	1	1	1	1	1
Feeling Like in a Fog	2	0	6	2	2	2	2	2	2
Pressure in Head	0	0	4	0	0	0	0	0	0
Severity Total	6	8	15	6	6	6	6	6	6

In addition to the variety of concussion reports available; our “Data Miner” may also be used to export data to an Excel spreadsheet for further analysis and/or creating charts & graphs

The screenshot shows the 'ATS Data Miner' application window. It has three main sections: '1 - Choose the export area', '2 - Select the data to be exported', and '3 - Enter filter values'. The '2 - Select the data to be exported' section is expanded, showing a list of fields with checkboxes, including 'LastFirstName', 'DateOfAssessment', 'AssessType', 'TeamName', 'SportName', 'Gender', 'Orientation', 'ImmediateRecall', 'Concentration', 'DelayedRecall', 'SACTotal', 'NumberSymptoms', 'SymptomSeverityScore', 'PhysicalScore', 'GlasgowTotal', 'BalanceScore', 'CoordinationTotal', 'BESSFoamTotal', 'BESSFirmTotal', 'BESSTotalScore', 'MaddocksScore', 'NeuroSpeechTotal', 'ExcertScore', 'SCATTTotal', and 'UserID'. The '3 - Enter filter values' section shows filters for 'Ath Gender' and 'Sport'. A red arrow points from the 'Export to Excel' button to a preview of an Excel spreadsheet. The spreadsheet shows columns for 'AssessmentDate', 'AssessType', 'TeamName', 'SportName', 'Gender', 'Orientation', 'ImmediateRecall', and 'Concentration'. The data rows show evaluations for Bobby J. Anderson on 5/1/2013, with various assessment types and symptoms recorded.