



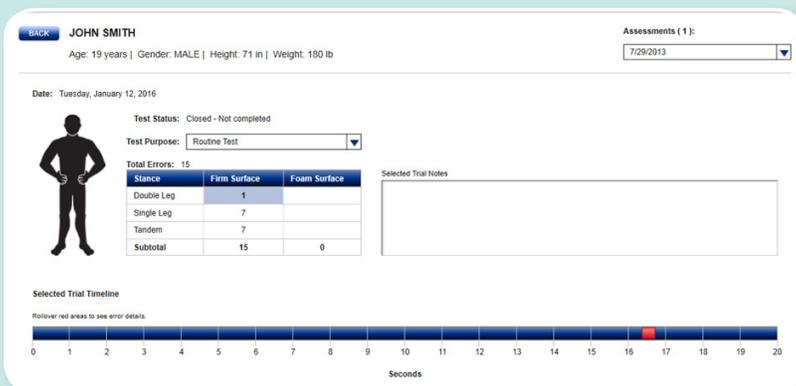
Concussion Assessments

Objective Data Provides Consistent Testing

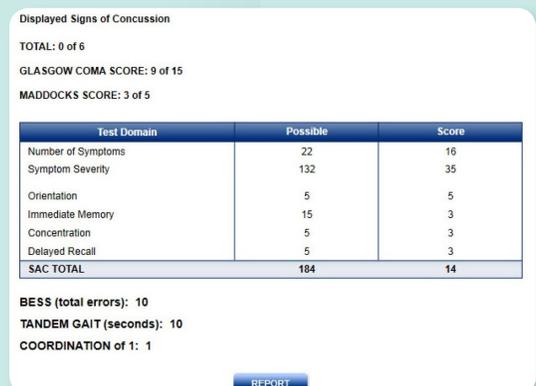
Concussion is a serious sports-related injury that affects the health of athletes and can be very dangerous if undiagnosed. An estimated 4-5 million concussions occur annually in the United States, which means that trusted concussion assessments are important. As a part of a comprehensive concussion assessment program, Tekscan's pressure measurement solutions provide reliable, objective data using standardized test protocols:

- Balance Error Scoring System (BESS) developed and validated by researchers at the University of North Carolina.
- Sports Concussion Assessment Tool – 3rd edition (SCAT3™) from the Concussion in Sports Group (CISG) for systematic collection of post-event neurocognitive data.

Research has shown that our software scores consistently and reliably, which means that clinicians can feel confident using it as an effective alternative in scoring the BESS¹.



Automated BESS test from Tekscan's SportsAT™ software



Automated SCAT3 from Tekscan's SportsAT software

1 Caccese, J. B., & Kaminski, T. W. (2014). Comparing Computer-Derived and Human-Observed BESS Scores [Abstract]. Journal of Sport Rehabilitation. Retrieved October 30, 2014, from <http://www.ncbi.nlm.nih.gov/pubmed/25365511>

Concussion Assessments

- Baseline testing – assess balance at the beginning of the season for reference in case of injury.
- Return-to-play – assess balance post-injury to determine if athletes are healthy enough to play again.
- Automatic scoring of balance errors eliminates inter-and intra-rater variability
- Easy-to-use, no clinical expertise is required to operate the system or to complete the protocols
- PDF reports of the subject's test results and history on demand
- Portable, lightweight mat for on and off field testing
- One time purchase price for an unlimited number of tests, subjects, testers and seasons



Baseline BESS test on Tekscan's MobileMat



Feel confident in return-to-play decisions



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