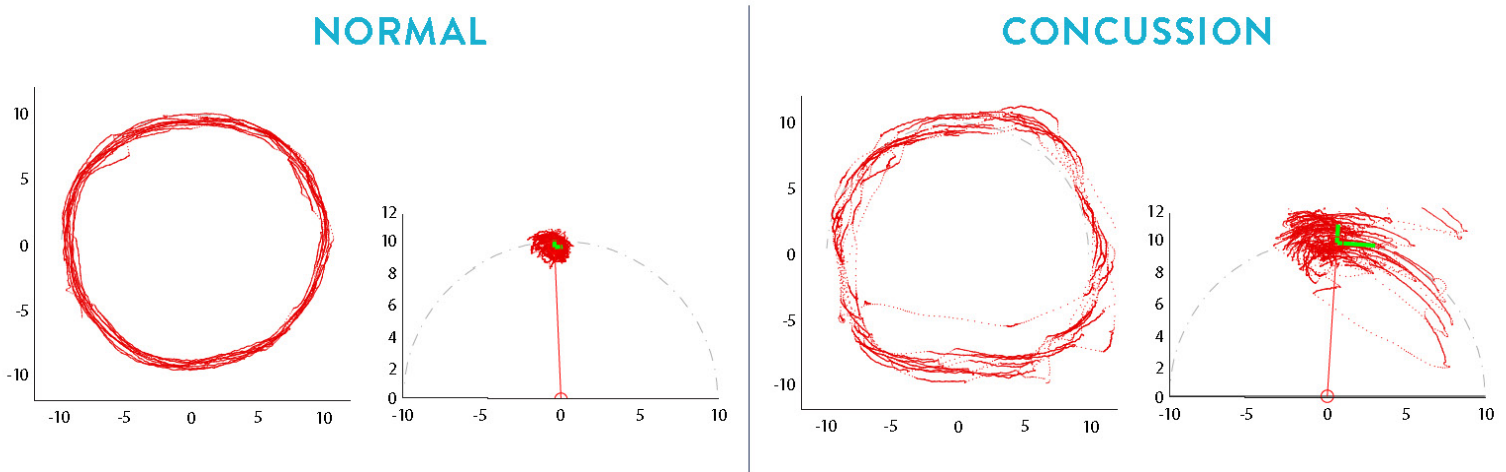


EYE-TRACKING EXPLAINED

Funded by the Department of Defense, Brain Trauma Foundation is currently conducting the EYE-TRAC Advance (ETA) study. This research study will examine over 10,000 subjects in order to evaluate the utility of eye-tracking as a marker of attention impairment in individuals with concussion.

Data is collected using a predictive circular visual tracking paradigm, called EYE-SYNC, which is characterized by a red target moving in a circular pattern. Below are sample eye-tracking results. Eye-tracking is a key objective measure that can aid in diagnosis and treatment following a concussion.



WHY USE EYE-TRACKING TO ASSESS ATTENTION PERFORMANCE (VARIANCE)?



Objective

Reliable

Fast

Portable

Last updated: April 2016