

ViTRAK Systems Inc. announces major software upgrade for its Stepscan® Gait and Plantar Pressure Analysis System

Stepscan® software upgrade featuring expanded functionality including the ability to record and analyze walking patterns of patients equipped with prosthetic limbs or orthotic shoe device

Charlottetown, PEI, – (December 20, 2016) ViTRAK Systems Inc. (ViTRAK) is pleased to announce a major software upgrade to its Stepscan® gait analysis software. Already known in the industry as the first FDA and Health Canada recognized gait analysis system that tracks all aspects of gait in one system i.e. spatial, temporal and plantar pressures, the new upgrade now also allows clinicians to record and analyze the gait of their patients when wearing shoes or equipped with a prosthetic limb.

“Traditional plantar pressure products only work in barefoot applications,” explains ViTRAK CEO Crystal Trevors. “Our new shod walking application allows a clinician to objectively measure walking ability improvements and changes in plantar pressure distributions upon application of various corrective interventions such as fitting of orthosis’ prescribed to support, align or correct deformities.”

The Stepscan® software upgrades also include the ability to record and analyze weight bearing data from assistive devices such as canes or walkers. This feature allows the clinician to monitor weight bearing compliance throughout the treatment regime.

Both the Sway Balance Module and the Dynamic Gait/Plantar Pressure Modules have been enhanced with the addition of a larger population of normative samples.

The Sway Balance module has been enhanced with the ability to measure human balance in the three stances (double leg, single leg, tandem) required to perform the Balance Error Scoring System (BESS) test.

About ViTRAK

ViTRAK is a federally incorporated Research and Development company dedicated to the development and commercialization of its two patents in the field of movement tracking and analysis. The company’s pressure sensitive flooring system has many applications beyond medical research and clinical rehabilitation, including sports training and clinical drug trials, as well as military training /virtual simulation and security. ViTRAK is one of over 45 companies that make up the Prince Edward Island Bioscience Cluster.

For more information regarding the Stepscan® product line, please visit our website at www.stepscan.com. An online demo of the software can be scheduled by emailing info@stepscan.com

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