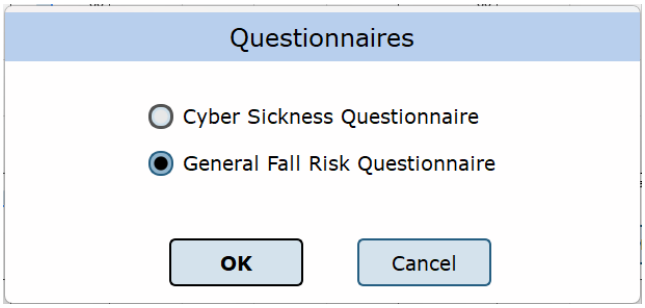
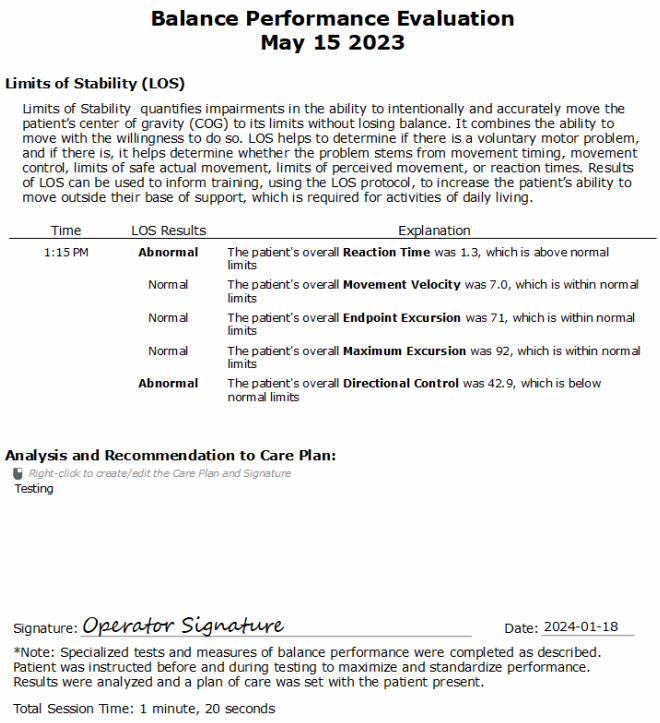
Balance Advantage®
Software Version 2.4.0

New Balance Advantage Features

Available for Windows 10 and 11 Balance Advantage Systems

- **NEW Feature:** Bertec Balance Evaluation note: Provides a simple summary of assessment results
- **NEW Feature:** New SOT and ADT Bertec Normative Data
- Software Update Notifications
- Re-formatted data export files
- NEW General Fall Risk Questionnaire
- CDP Optokinetic Flow Improvements
    - Starfield Scene
    - Cognitive Task Option





Balance Performance Evaluation
May 15 2023

Limits of Stability (LOS)

Limits of Stability quantifies impairments in the ability to intentionally and accurately move the patient's center of gravity (COG) to its limits without losing balance. It combines the ability to move with the willingness to do so. LOS helps to determine if there is a voluntary motor problem, and if there is, it helps determine whether the problem stems from movement timing, movement control, limits of safe actual movement, limits of perceived movement, or reaction times. Results of LOS can be used to inform training, using the LOS protocol, to increase the patient's ability to move outside their base of support, which is required for activities of daily living.

Time	LOS Results	Explanation
1:15 PM	**Abnormal**	The patient's overall **Reaction Time** was 1.3, which is above normal limits
	Normal	The patient's overall **Movement Velocity** was 7.0, which is within normal limits
	Normal	The patient's overall **Endpoint Excursion** was 71, which is within normal limits
	Normal	The patient's overall **Maximum Excursion** was 92, which is within normal limits
	Abnormal	The patient's overall **Directional Control** was 42.9, which is below normal limits

Analysis and Recommendation to Care Plan:

Right-click to create/edit the Care Plan and Signature

Testing

Signature: Operator Signature Date: 2024-01-18

*Note: Specialized tests and measures of balance performance were completed as described. Patient was instructed before and during testing to maximize and standardize performance. Results were analyzed and a plan of care was set with the patient present.

Total Session Time: 1 minute, 20 seconds

New Performance Improvements:

- Data Exporting format: Data export files now Include all trial data in one file.
- Patient List: Patient ID's can be selected to be displayed in the patient list Instead of patient names. Patient names will still be displayed for those without valid identifiers.

To download the Bertec Balance Advantage 2.4.0 Software contact our Customer Success team support@bertec.com