

ADDENDUM

BIODEX SOFTWARE

FOR BALANCE SYSTEM SD AND PORTABLE BIOSWAY

VERSION 2.02

950-440
950-441
950-444
950-460
950-461

Printer Settings

Printer Type

Print To

BIODEX

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Balance System SD



Portable BioSway

This software can be used with the following products:

- 950-440 Balance System SD, 115 VAC
- 950-441 Balance System SD, 230 VAC
- 950-444 Balance System SD, 100 VAC

- 950-460 BioSway, with Tabletop Stand and Case, 115V/230V 50/60Hz
- 950-461 BioSway, with Tabletop Stand, 115V/230V 50/60Hz

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Software Update v2.02

Primary enhancements:

1. **Print Reports as PDF**..... 4
This provides easy portability and incorporation into other patient medical record management programs.
2. **Improved Presentation of Reports** 6
with nicer graphics and visual comparison to norms, goals or opposite side.
3. **Printer Command Language (PCL)**..... 9
Support for HP 1000, HP 3000 series printers as well other printers that use a standard PCL3 (printer command language 3).

Additional enhancements:

4. **Progress Bar and Warning Messages** 9
Operation progress, along with relevant warning messages, will display on the Backup and Restore Utility screens.

NOTE: System automatically checks for available space on a USB Flash Drive before copying or saving (E.g., Data Export, Backup, Event Log, PDF printing, CSV file export).
5. **Default Protocols for Concussion** 10
Two default protocols have been added:
1) Concussion Baseline and 2) Concussion Post-Injury

1. Print Reports as PDF

- Printer Settings is accessed through Utilities, and then Configuration.
- What is set or active is depicted as highlighted.

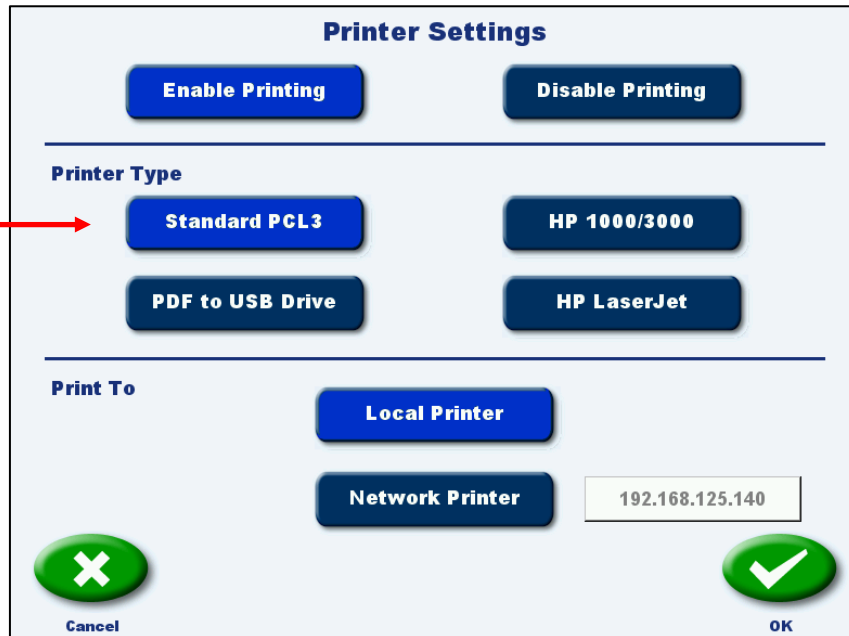


Figure 1. Printing from the above screen is enabled to a Standard PCL3 local printer.

The screen below (Figure 2) shows that printing is enabled to a USB drive. When set as shown, if a USB drive is connected to the display, when a report is printed, it will print as a PDF. The PDF will be stored in a Folder labeled, "Reports" in the USB drive directory (see Figure 3).

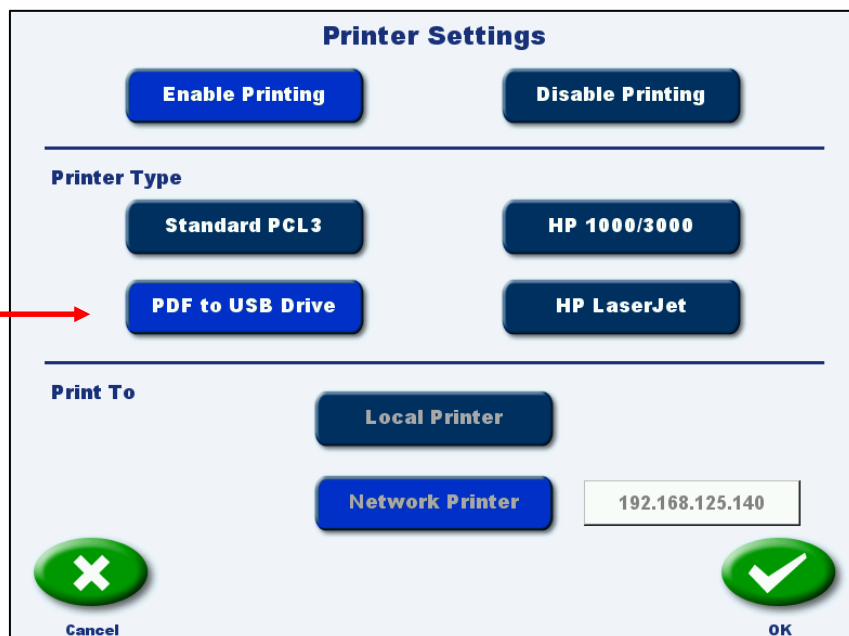


Figure 2.

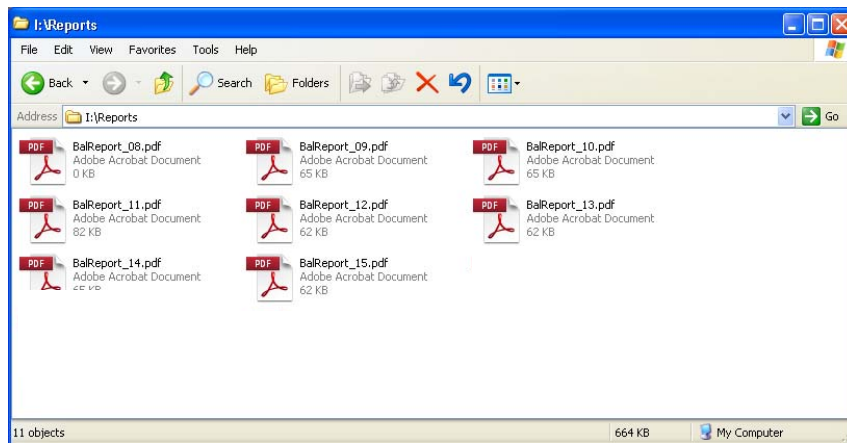


Figure 3. The PDF will be stored in a Folder labeled, “Reports” in the USB drive directory.

2. Improved Presentation of Reports

All reports in Training and Tests have been updated with improved layout and graphics as well as enhanced visual comparison to norms, goals or opposite side. Specific changes are unique to each report.

A few examples are depicted on the following pages. Notice the easier-to-read font and improved layout.

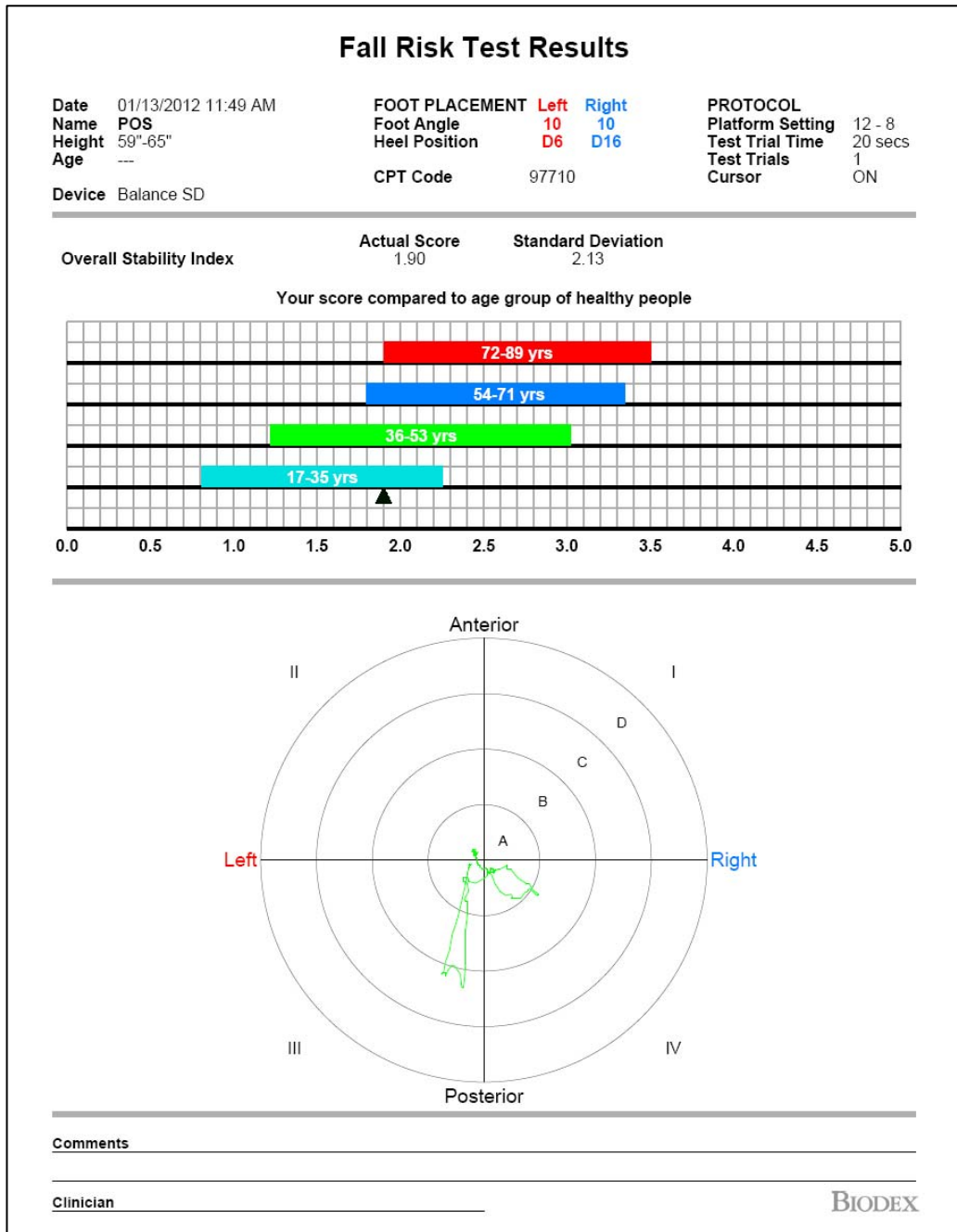


Figure 4. Example of new report design: Fall Risk Test Results.

New CTSIB Progress Report

- Notice the legend, color and symbols for each condition.
- The bar graph in the baseline comparison section compares the first test to the last test.

Note: DNC is an abbreviation for Did Not Complete the condition.

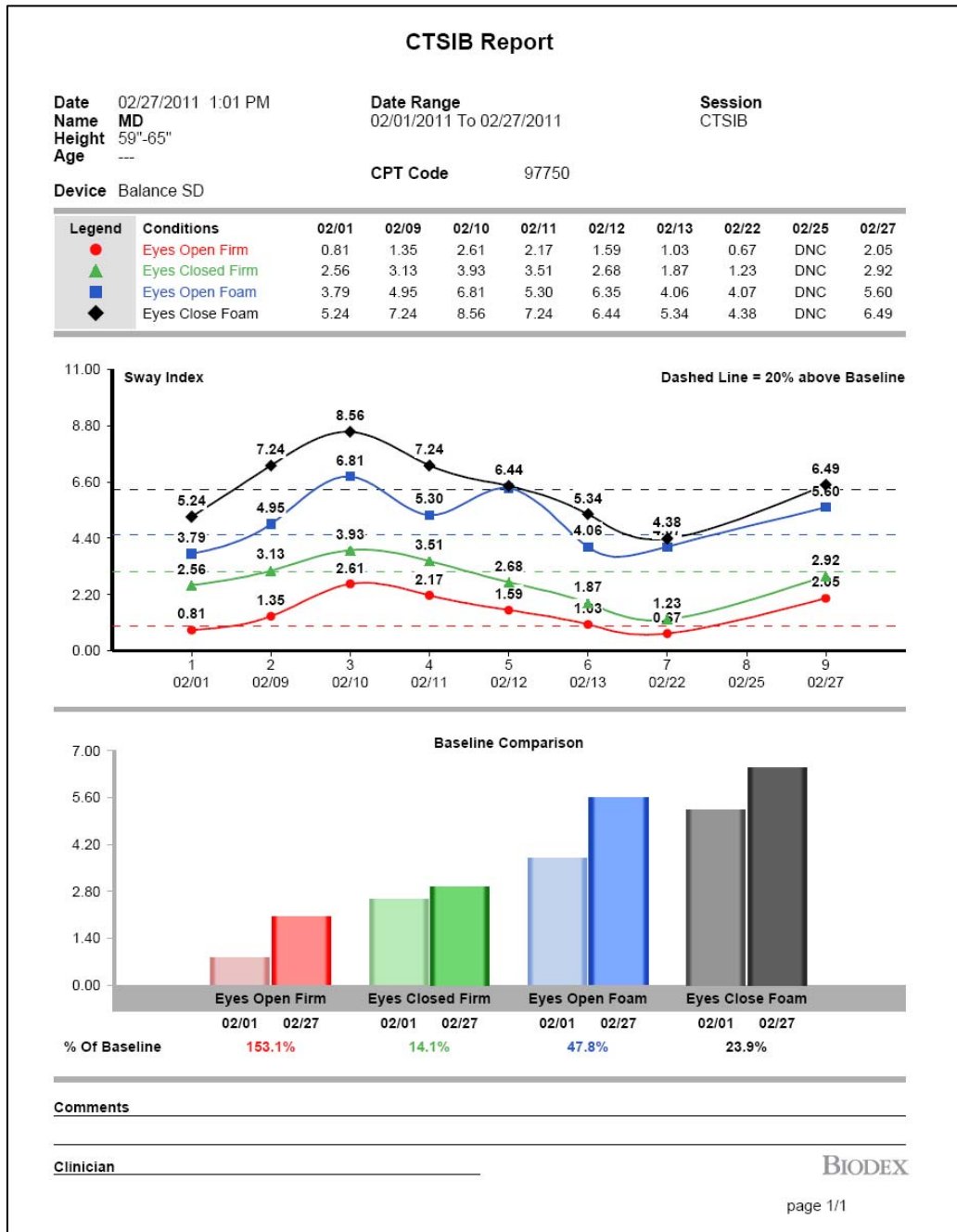


Figure 5. Example of new report design: CTSIB Test Results.

New Limits of Stability Report

- Top half of report uses numeric value to compare actual score versus goal for each direction control.
- Bottom half of report illustrates each condition relative to percent of goal in bar graph format. Right to left comparison is depicted by the double-bar graph as in conditions 4-9. (Note: conditions 1-3 are not right to left comparisons.)

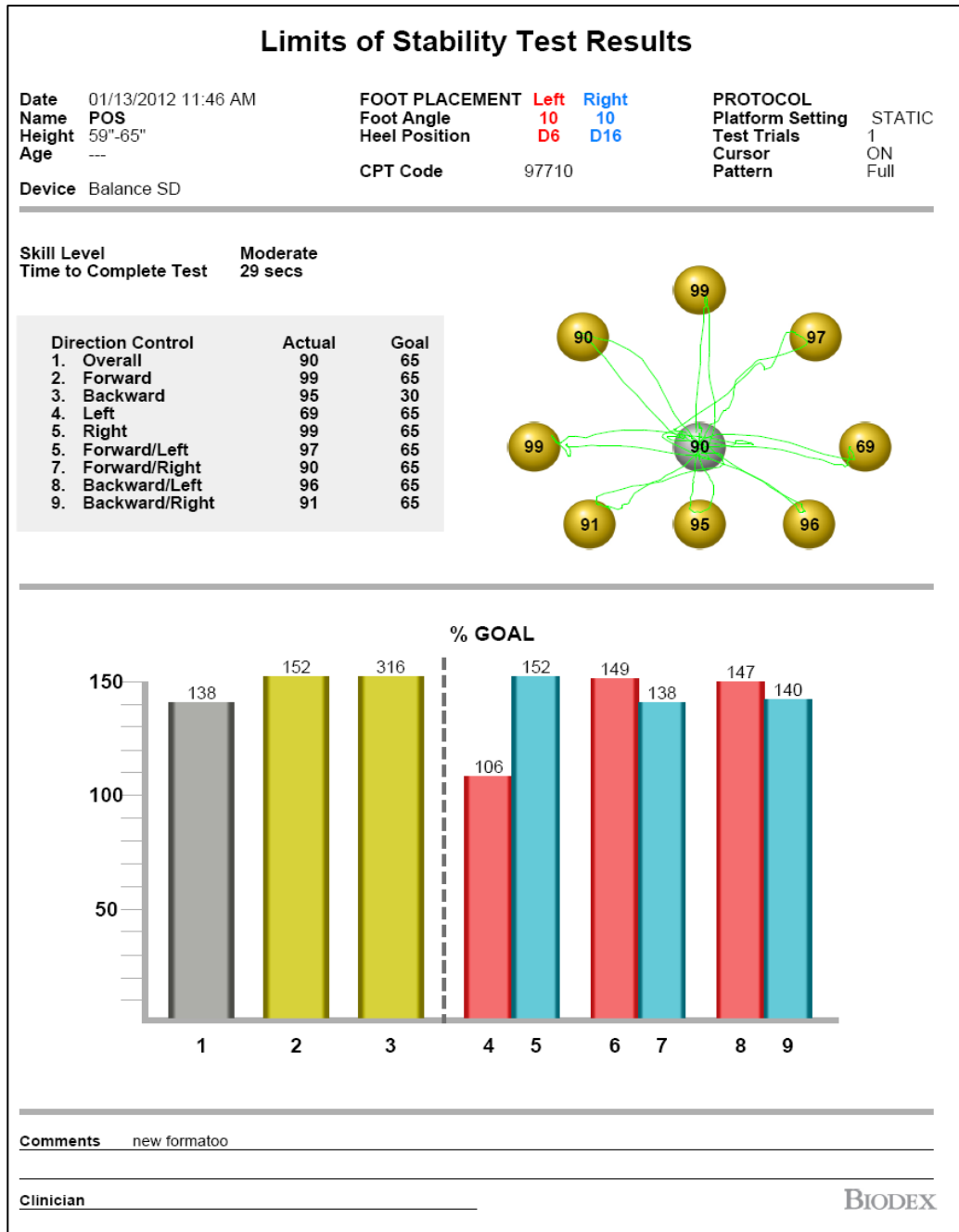


Figure 6. Example of new report design: Limits of Stability Test Results.

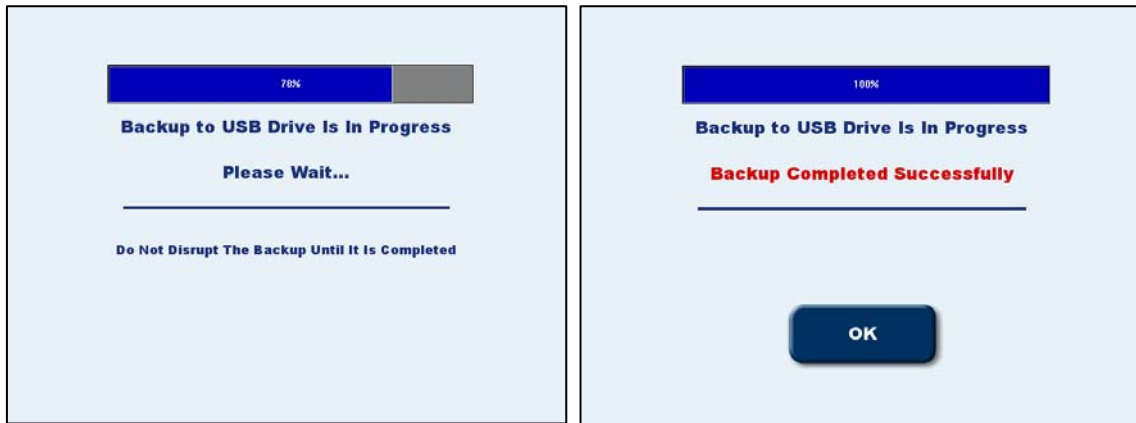
3. Printer Command Language (PCL) Printers

Printer Command Language, more commonly referred to as PCL, is a page description language (PDL) developed by Hewlett-Packard as a printer protocol and has become a de facto industry standard. Setting to PCL3 allows usage of many printers that support or are PCL 3 compatible. Check your intended printer documentation, or simply try it.

4. New Progress Bar and Warning Messages

A Progress Bar with Warning Messages has been added to the Backup screen (see Figures 7 and 8) and the Restore Utility screen (see Figures 9 and 10) to depict the visual progress of the operations. Once the operation has been started, allow it to complete without interruption.

NOTE: System automatically checks for available space on a USB Flash Drive before copying or saving (E.g., Data Export, Backup, Event Log, PDF printing, CSV file export).



Figures 7 and 8. Shows Progress Bar for “Backup to USB Drive” in operation.



Figures 9 and 10. Shows Progress Bar for “Restoring from USB Drive” in operation.

5. Default Protocols for Concussion

Two factory-default protocols have been added to the Custom Protocol List with the following parameters:

1. **Concussion Baseline:**

One trial of 20 seconds for each condition; 10-second rest between conditions.

Conditions will be:

- 1) Eyes Open Firm Surface, 2) Eyes Closed Firm Surface
- 3) Eyes Open Foam Surface, 4) Eyes Closed Foam Surface

2. **Concussion Post-Injury:**

Three trials of 20 seconds for each condition; 10-second rest between conditions.

Conditions will be:

- 1) Eyes Open Firm Surface, 2) Eyes Closed Firm Surface
- 3) Eyes Open Foam Surface, 4) Eyes Closed Foam Surface

NOTE: These default protocols cannot be deleted.

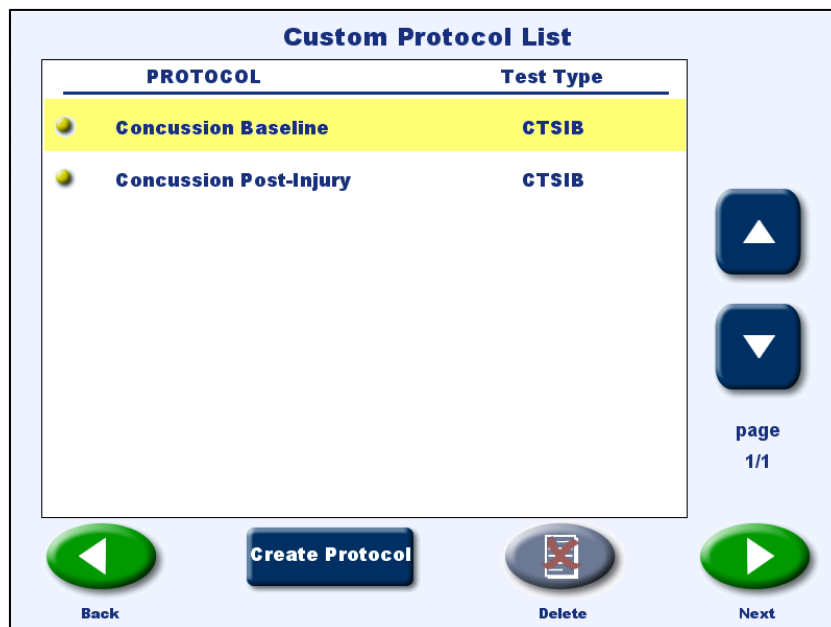


Figure 11. Default Protocols for Concussion Management.



Certified Quality Management System

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