OrthoStudio - Instructions for usage

Installation

Installing the OrthoStudio plugin is very simple:

1. Start OsiriX.
2. Open a Finder window (the Mac OS file manager) and double-click on the 'orthostudio.osirixplugin' file.
3. Follow the on-screen instructions. Don't forget to restart OsiriX.

Usage

The Orthostudio plugin can do four different types of X-ray hip evaluations: AP, Von Rosen, False Profile and Frog.

The example below describes how to evaluate an AP image:

1. First open the AP image to be evaluated in OsiriX.
2. Start the OrthoStudio plugin by selecting 'AP' from the OrthoStudio sub menu. (*Plugins -> ROI Tools -> OrthoStudio -> AP*).
3. Select the appropriate visual scores for the current image. Then click the 'Set markers' button.
4. Place markers to identify landmarks within the image, in accordance with the on-screen instructions. Note that the markers can be moved after being placed. When done, click the 'Results' button.
5. Review the results and perform changes if necessary.
6. Click on any of the save buttons to save the data to an Excel compatible file.

The other types of evaluations (i.e. Von Rosen, False Profile or Frog) are performed according to similar schemes. Substitute 'AP' for any of the other evaluation types in steps 1 and 2 above and follow the on-screen instructions.

Note that the OrthoStudio plugin exports its Excel data into a '.csv' file instead of an '.xls' file. The '.csv' file is also fully compatible with Excel and can be opened by double-clicking the file in a Finder window.

Update log

Version 1.1.0

- Added short keys for starting the plugin (Shift-Ctrl-A for AP, Shift-Ctrl-F for Frog, Shift-Ctrl-V for Von Rosen, Shift-Ctrl-P for False Profile).
- No longer necessary to manually close the plugin window before changing between evaluation modes.
- Save file has been reorganized. Every evaluation is now placed on a new line.
- Labels for markers are not shown while they are initially being placed.
- ACE angle can now be negative.
- Tönnis angle can now be negative.
- Instructions for placing marker on pubic symphysis has been updated.