



# APPENDIX 1 TO DARTFISH VIDEO GAIT ANALYSIS SOFTWARE QUICK REFERENCE GUIDE

## SOFTWARE SET-UP AND CAPTURE

There are two versions of the *Dartfish*® software that may be utilized for this application: *ProSuite* or *Connect*.

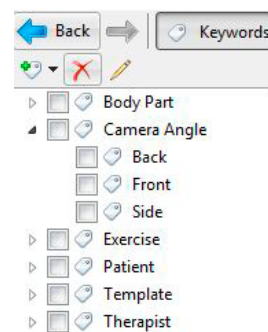
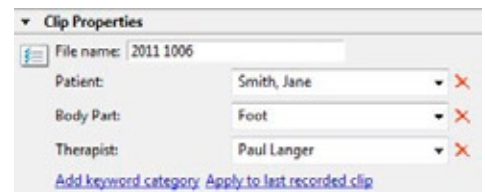
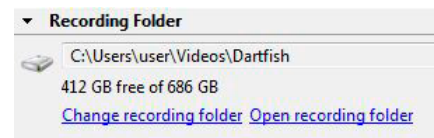
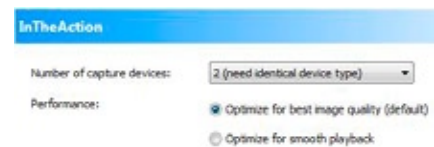
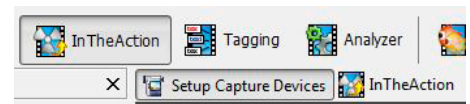
### PROSUITE WITH 1 OR 2 CAMERA ANGLES AND REMOTE CONTROL

**Preparing to Use InTheAction for Live capture devices:** For more information refer to the *Help > Preparing for use of InTheAction for use > Selecting capture device*.

When using two cameras you need to activate the option at *Tools > Options > InTheAction* which allows you to select 2 (need identical device type) for live simultaneous capture.

#### 1. Define the Recording location:

**2. Define the Clip Properties:** Categories can organize videos in a customized database of keywords utilizing *The Library*. For more information, refer to *Help > Organizing your Library*.



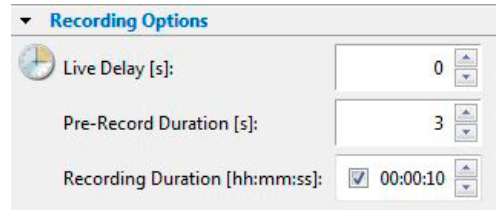


**3. Define Pre-Record and Clip Duration:** Typically, five to ten seconds of video from each view is all that is necessary. The Pre-Record can begin the capture prior to triggering the remote control. This can create a synch point at a heel-strike for example. The duration is the total length of the video clip. For more information, refer to *Help > Defining pre-record and clip durations*.

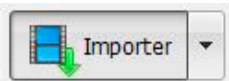
**4. Capture and Replay:** Capture by triggering the record button or equivalent button on the remote control. Replay sequences may be set to display for instant feedback. Refer to *Help > Defining a Replay Sequence*.

Drawings may be displayed during capture. Popular drawings include horizontal & vertical lines as well as the expansion tool called *Clone Rectangle*.

Video is captured, categorized and immediately placed in Tray for replay and further analysis in the Analyzer module. Replay may be controlled by the *Remote Control*.



## CONNECT VERSION WITH OTHER CAMERA CAPTURE OPTIONS



The Connect may be used with a live-feed camera source and set up by the steps noted above:

- Define the Recording location.
- Define the Clip Properties.
- Define Pre-Record and Clip Duration.
- Capture.

The Importer module is found in both the Connect and ProSuite versions. The Importer supports a variety of recording devices. However, the Importer does not support two cameras capturing simultaneously, and it does not replay or draw on the video for instant feedback.

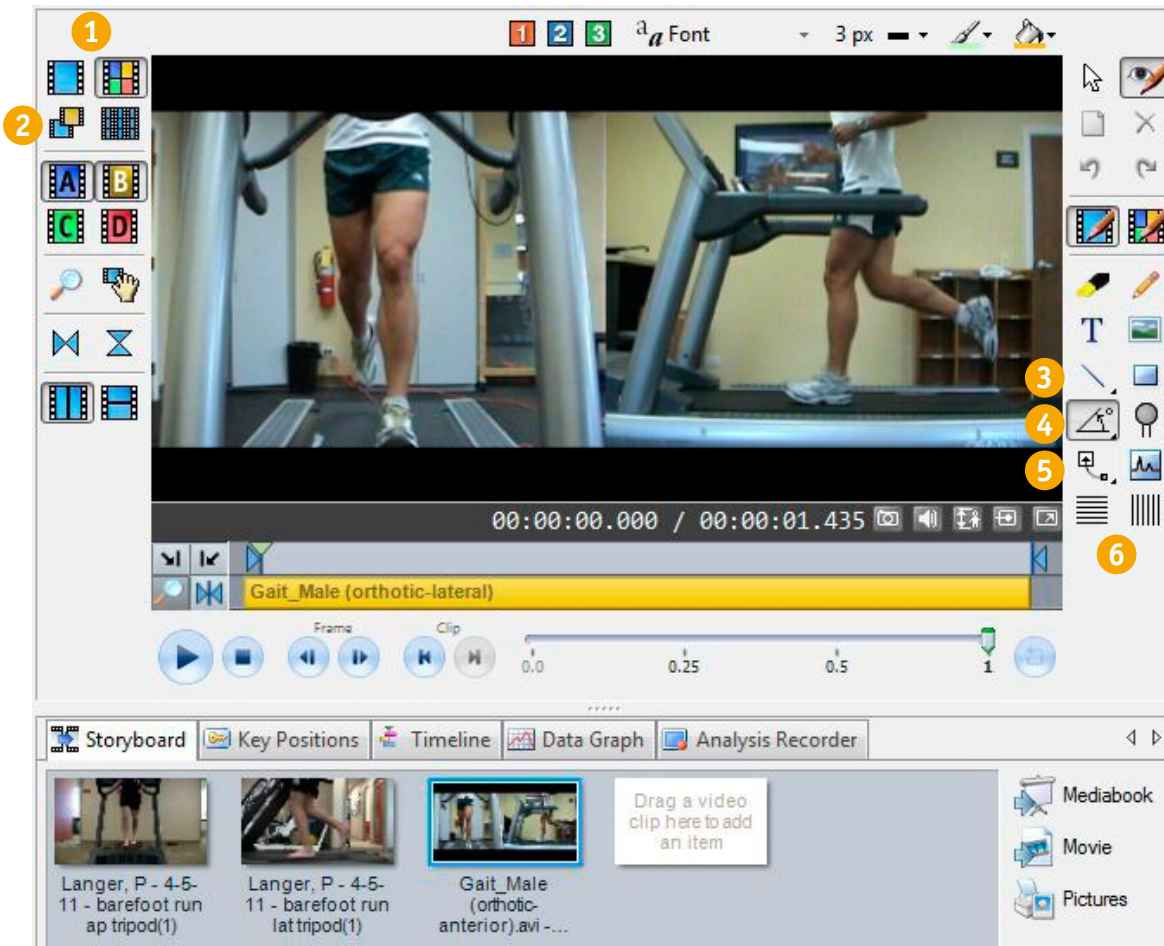
Once video is captured, the clip immediately appears in the Tray and may be played back using the Player module.





## ANALYZER MODE

The Analyzer can compare up to four videos at a time, as well as blend, annotate and mark important moments within videos. See *Help > Analyzing Performance*. The Analyzer workspace is summarized as follows:



- 1 Single or Split Screen view
- 2 Blend mode
- 3 Lines
- 4 Measurement tools (mouse right-click to expose) Timer, distance, angle, reverse angle
- 5 Magnify Clone tool
- 6 Horizontal and vertical lines





## KEY POSITIONS

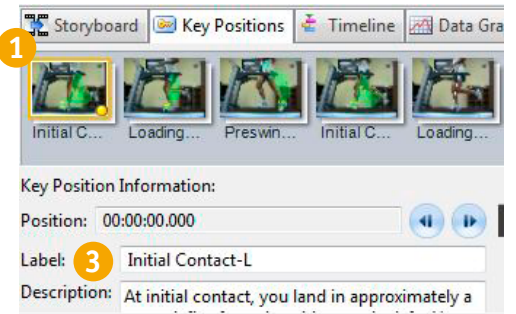
**Select Key Position Tab:** From the Analyzer Storyboard, load the clip and select the Key Position tab. Key points of observation may be saved within the video as an embedded picture at that moment with drawings and written comments. These observations may be printed or published in an interactive video as key positions.

See examples on the web at [www.dartfish.tv/pt](http://www.dartfish.tv/pt).

**Adding Key Positions:** From the Key Position Tab,

- 1 Move the play head to the observation point.
- 2 Click on the Add key position button at the far right-hand side.
- 3 Label the key position and add any desired observations and drawings.
  - Repeat the steps above to add more key positions.

NOTE: Key positions may become an importable template. For example, See *Help > Importing key positions*.



## PUBLISH REPORTS

**Printing Key Positions:** From the Storyboard tab, there is a Picture button to the far right. Key positions may be printed as a billable pictorial assessment. There are many formats of printing available through the Pictures wizard.

**Publishing a Mediabook:** A Mediabook packages the video, key positions, text and drawings together. It may be published to a CD, email, or seamlessly to the internet via [www.dartfish.tv](http://www.dartfish.tv). The options and instructions are easily followed through the Publishing Wizard activated by the Mediabook button to the far right on the Storyboard. For more information, see *Help > Publishing a mediabook*.

