

Setup Checklist

Before Patient's Arrival

☐

Turn on ALL systems

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Verify Position and Orientation of cameras

Verify the position and orientation of Motion Capture Cameras Verify the position and orientation of Force Platforms Verify the position and orientation of Force Structures Verify the position and orientation of Obstacles or Environment objects

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Perform System Calibration

Perform static and/or dynamic calibrations of data collection devices Verify results against the standards developed/referenced by your laboratory

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Verify the protocol being used for the session

Verify the experimental protocol for the current data collection session

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Set appropriate system settings

As per experimental protocol, set and verify system settings e.g. sampling rates (synchronise), marker thresholds, ranges, triggers etc.

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Perform CalTester test

Perform Caltester test at a minimum of 2 locations on each force platform Verify against prior laboratory results

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Prepare necessary markers and supplies

Patient's Arrival

☐

Obtain informed consent

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Record subject details

Insure that there are no contraindications for the patient completing the data collection This may include data collection done via questionnaires or measurements If data collection includes patient questionnaires check to make sure that they have been completed correctly

☐

Apply

markers/IMUs/EMGs as per experimental protocol

Take a set of digital pictures of the subject for post-hoc review of the marker placement.

☐

Record static calibration trial

Ensure all markers are visible ☐ **Verify recorded marker set**

Verify recorded marker set by launching Visual3D, creating model, and applying model template appropriate for the protocol ☐ **Remove anatomical markers**

If necessary, remove anatomical markers not needed for tracking in motion trials ☐ **Set the software system to broadcast the data**

Each manufacturer has their own method of turning on the broadcasting option in their software. Check your software/hardware system's user's manual for more information.

After Patient Leaves

☐ **Clean up work station**

☐ **Save data as appropriate**

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