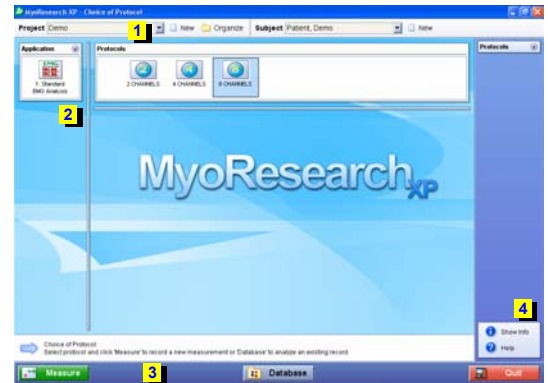




### Step 1

#### Select the subject and the protocol

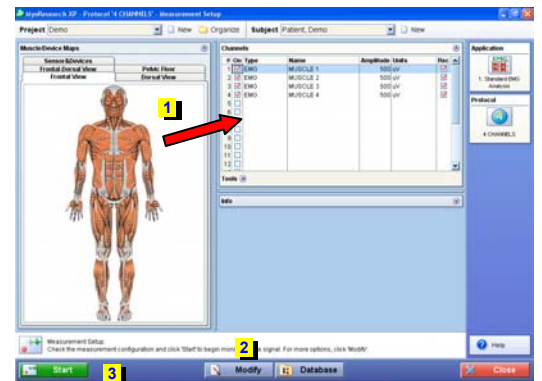
- 1 Records are listed under **Project** and **Subject** directories. Click on **New** to add a new entry or on the arrow to change the selection.
- 2 Protocols are grouped under **Applications**. Click on the down arrow to choose from available protocol groups.
- 3 Click on **Measure** to enter the measurement setup menu or **Database** to load and analyze existing records.
- 4 Click on **Show Info** for a comprehensive description of the protocol.



### Step 2

#### Customize the measurement settings

- 1 Use the muscle map to select which muscles to record. Drag them with the mouse to the channel list on the right.
- 2 Click on **Modify** to access **Measurement Options** (such as Recording, Display, Feedback, Video and Hardware settings).
- 3 Click on **Start** to start the measurement.



### Step 3

#### Start the measurement and save the record

- 1 The signal monitor screen provides a preview of the signals. Some of the protocols display raw EMG data, others rectify and smooth the signal in real time.
- 2 **Measurement options** and **Recording tools** in the right side panel let you modify the default settings.
- 3 Click on **Record** to start the recording and **Finish** (the same button) to stop it. Click on **Mark** during the recording to place event markers.

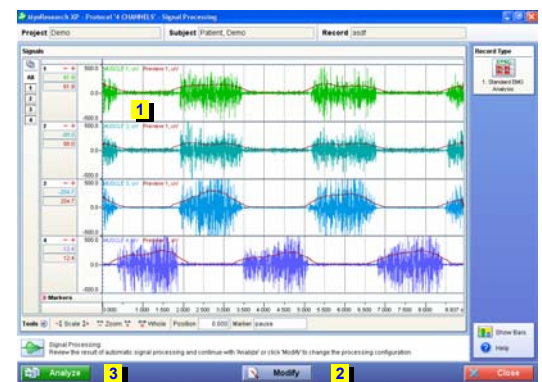


### Step 4

#### Review the processed signal

*Note: Skip this step in Symmetry, Coordination and Feedback protocols.*

- 1 Raw signals are displayed together with the processed signal for visual comparison.
- 2 If you would like to change the amount or method of signal processing, click on **Modify** and change the settings.
- 3 Click on **Analyze** to continue.



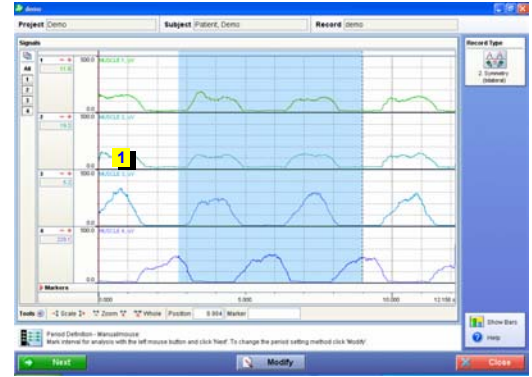
**Step 5** Set markers and define analysis periods

Note: Periods are defined differently in different protocols.

➡ **Symmetry, Coordination, Feedback, Spectrum, Frequency**

**1** Mouse drag

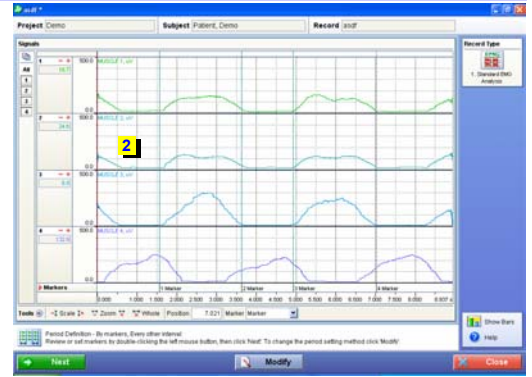
Select one continuous area for analysis by dragging the mouse across it. In the absence of a highlighted area, the program will default to analyzing the entire recording.



➡ **Standard Analysis, Average Muscle Profiles**

**2** Manual marker placement

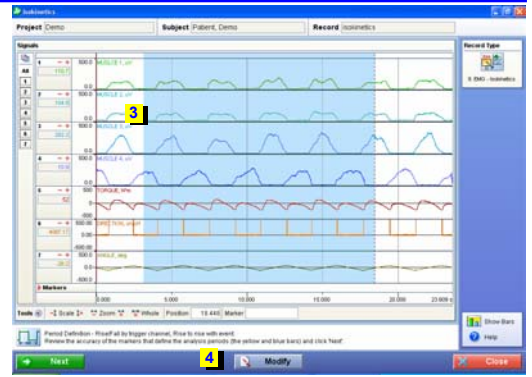
Markers placed manually in real time (using Mark button) or in the record viewer (by double clicking) are used to define specific period sequences.



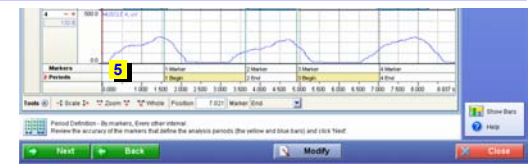
➡ **Gait, Isokinetics**

**3** Automatic marker placement

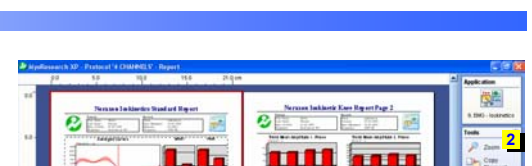
Automatic algorithms use synchronized trigger signals (e.g. angle, footswitch) to identify and mark the periods. You can restrict the area available for the automatic marker placement by dragging the mouse across the selected area.



**4** Click on **Modify** to customize the marker and period definition method or change the channel selection. A 3-step setup dialog will be displayed.



**5** The yellow and blue bars in the period line on the bottom of the screen illustrate the periods chosen for the analysis. Click and drag inside this horizontal line to delete periods or modify the selection.



**Step 6** Read and Print a report

**1** Click on the main control buttons to **Print**, **Reanalyze** or **Compare** the results. Click on **Next Record** to continue.

**2** **Tools**  
You can export the entire report in HTML format or copy individual frames to the clipboard.

**Options**  
You can change to a different report, add a record to a normative database profile, modify the report layout or edit the analysis frames.

**3** You can double click on any graph to maximize it and store it as a new file. It will be listed in the database below the original.

