

BIO CLINICAL®
PLUX
protocol quickguide

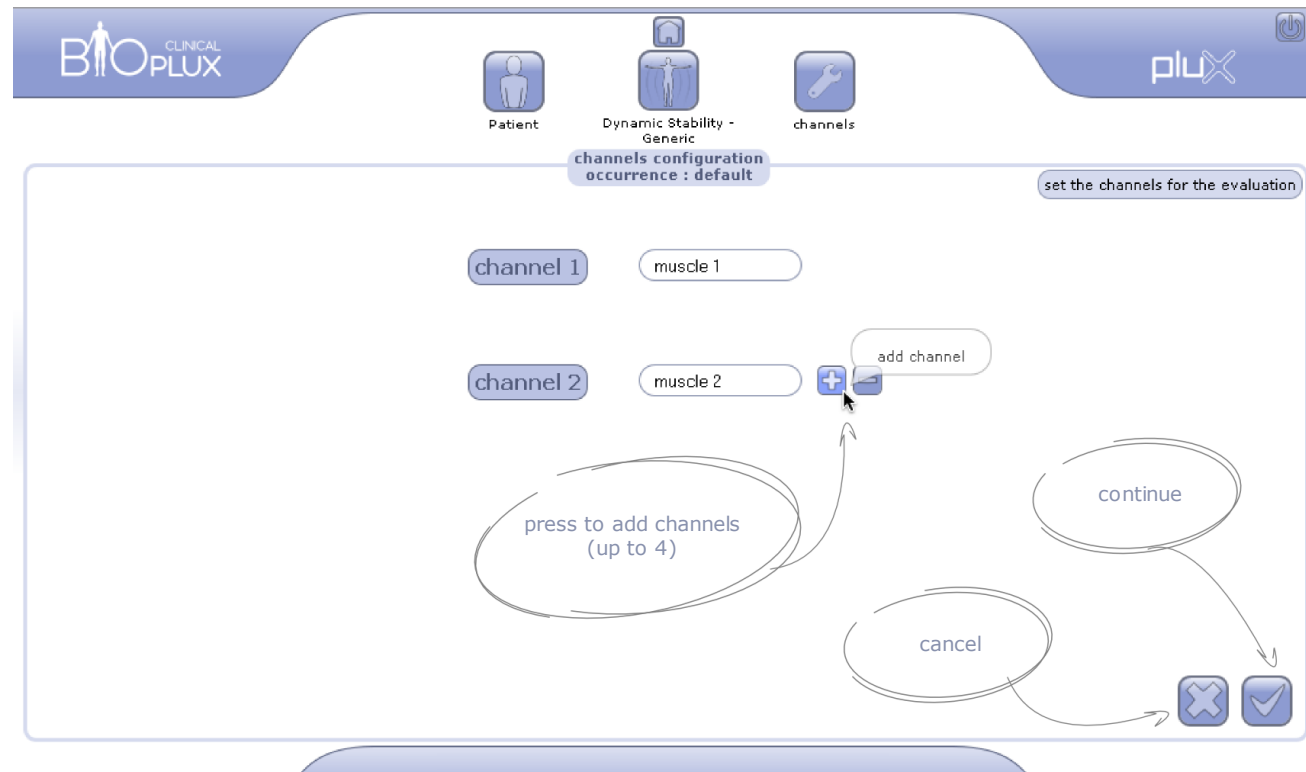
dynamic stability
generic





Channels setup

Choose the number of channels for monitoring and their names. When finished, press 'continue' to proceed to the next screen.

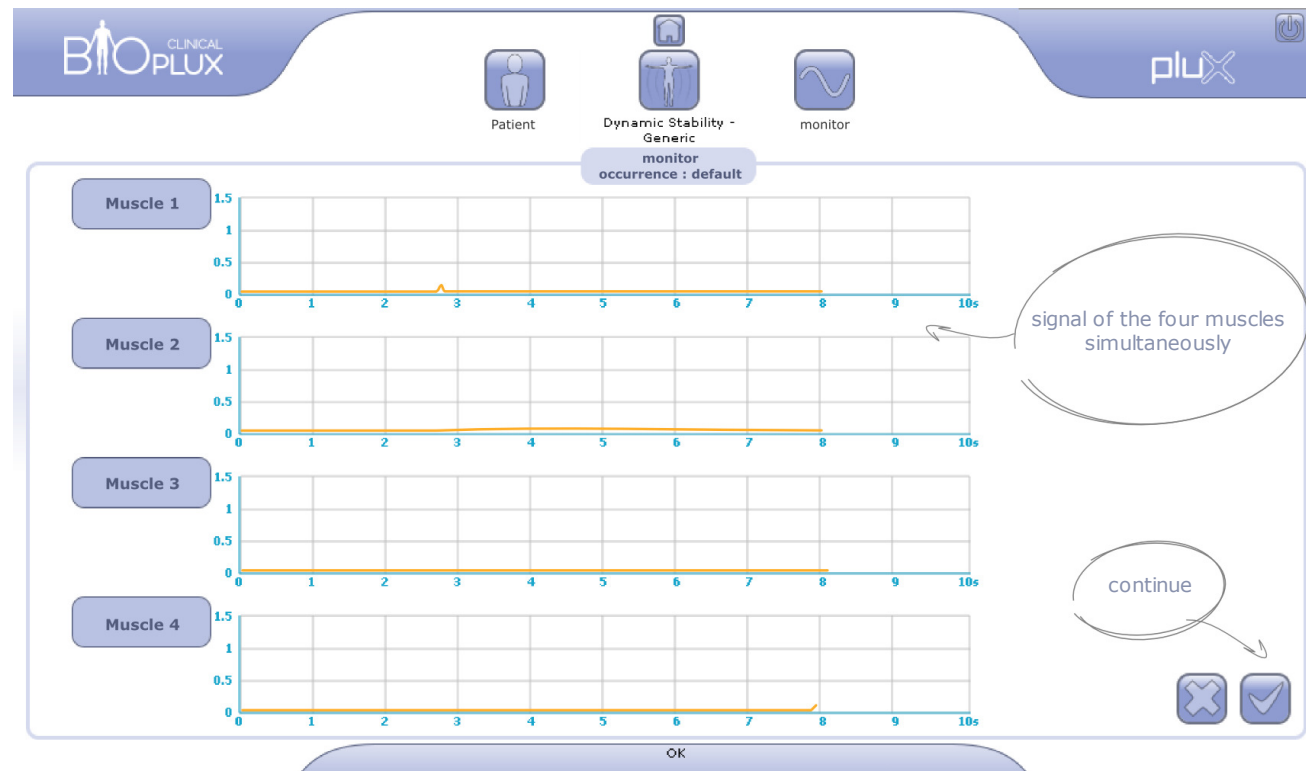




Monitoring

You can view and assure the quality of the signals from the different muscles and, if necessary, correct the placement of the electrodes.

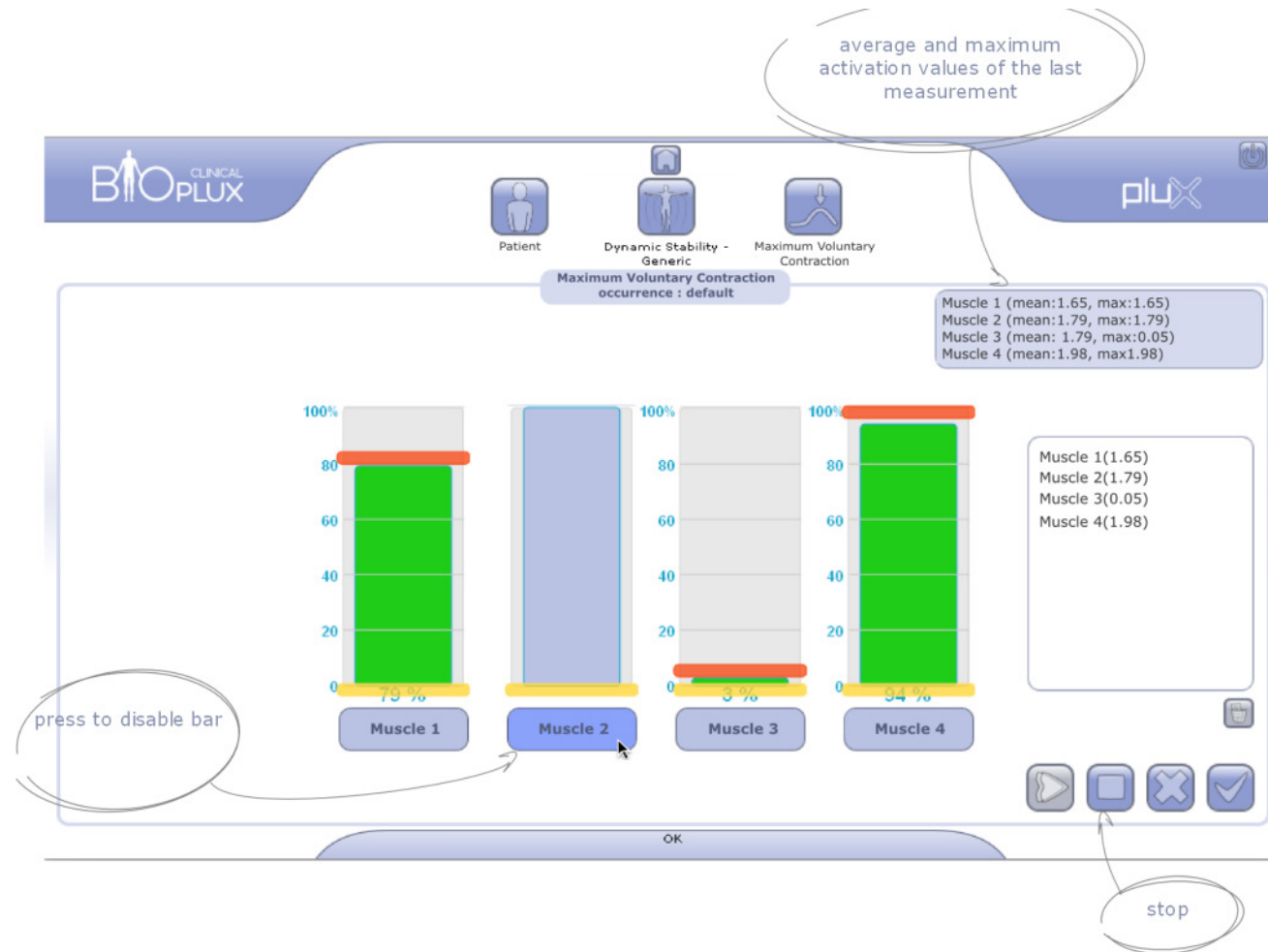
After monitoring the signals, you may proceed to the next step.





Step 1

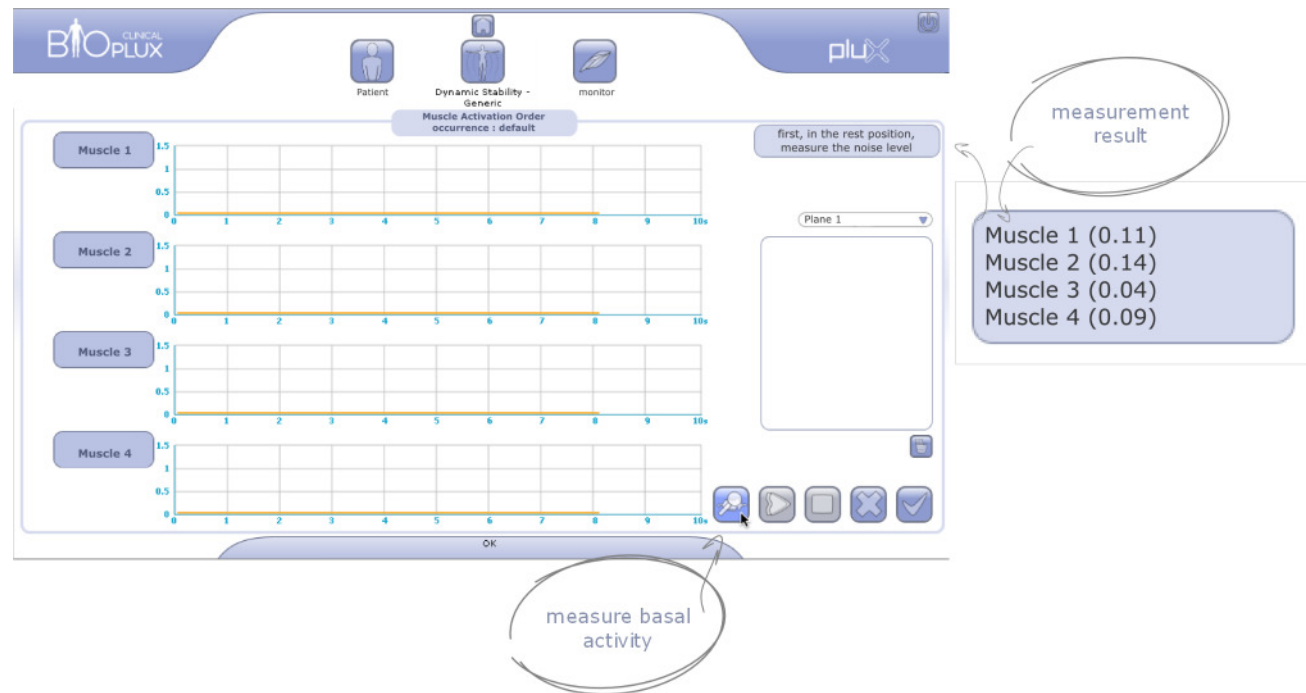
Calibration. Press 'start' to initiate the calibration, ensuring that the patient is at rest. Ask him to make the maximum contraction of the muscles. Stop the calibration. Press 'continue'.





Step 2

With the patient's muscles at rest, make the measurement of basal activity using the button available for that purpose. Wait 5 seconds and press again the same button, stopping the measurement.





Step 3

Determination of the order of muscle activation. Press 'start', ensuring that the patient is at rest. Ask the patient to mobilize every muscle in the different planes. Stop the acquisition.

To change the plane for the movement, use the menu available for this purpose. Make a new measurement of the activation order for this plane. Continue to the next plane.

Finally, continue to the next screen.

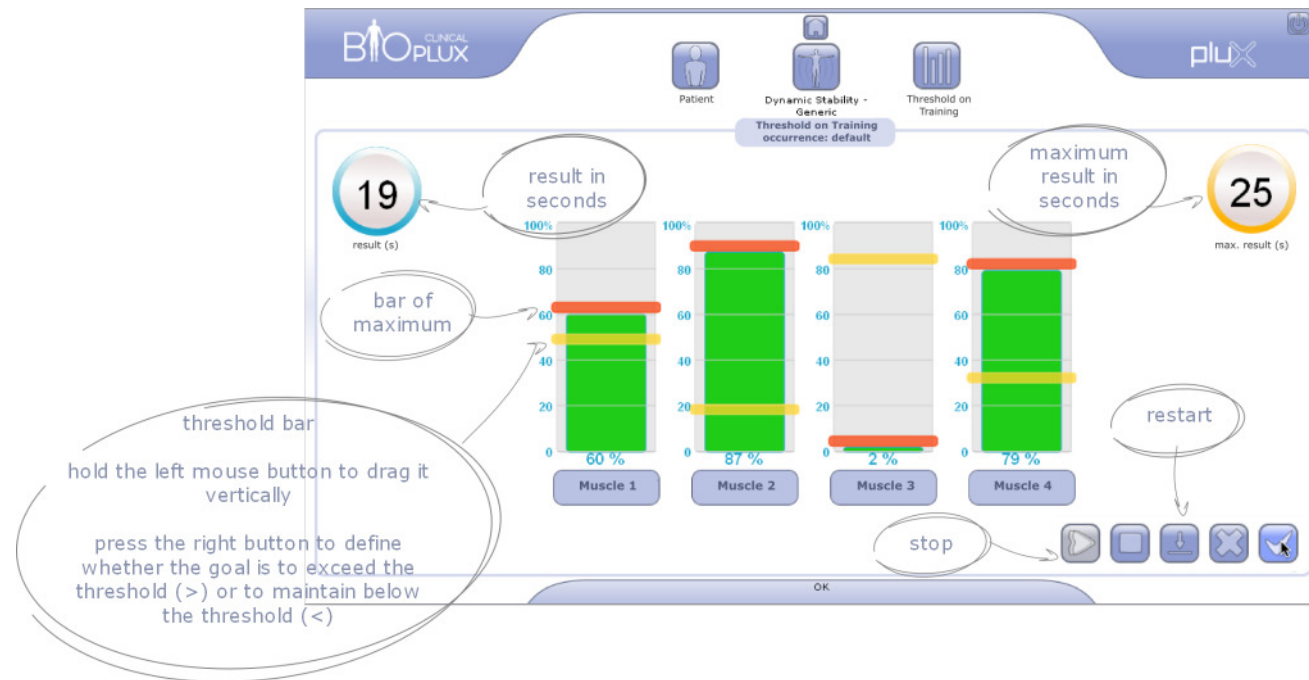




Step 4

Start the exercise. You can disable one or more bars, simply clicking on its legend.

Results are obtained when the bars are above (or below as defined by the bar threshold).





Report

Here you can view and print the report of the Protocol. In this screen you have access to patient information, protocol, and also all the results obtained.

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information about the user information about the protocol

report

about the evaluation

Patient

	ID 1	beginning of treatment 15/03/2010
	birthdate 04/03/1980	symptomatic side none
	occurrence default	

Dynamic Stability - Generic

evaluations

session date
26-07-2010 17:54:14

channels
1 - Muscle 1
2 - Muscle 2
3 - Muscle 3
4 - Muscle 4

results

Maximum Voluntary Contraction

	Muscle 1	Muscle 2	Muscle 3	Muscle 4
maximum	2.5	2.5	2.5	2.5
mean	2.07	1.79	0.60	1.98

maximum voluntary contraction



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report

Muscle Activation Order

Plan 1	Plan 2	Plan 3
Muscle 1 3962	Muscle 2 2229	Muscle 3 0

activation order in different planes

Thresholds on Training

Muscle 1	Muscle 2	Muscle 3	Muscle 4
level > 5%	level > 8%	level > 8%	level > 5%



threshold direction and level

maximum time (in seconds) achieved


23
max. time (s)

delete report print report conclude



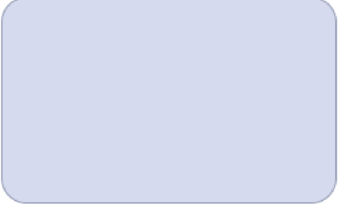

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	level > 5%	level > 8%	level > 8%	level > 5%
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23
max. time (s)

comments





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