

MoPro™ Guidebook for Users
App designed for Bio Leg™

Produced by BionicM

Table of contents

(1) Cautionary note	1
(2) All of First: How to Pairing	2
(3) Page transition	3
(4) Explanation of the page / How to write values	5
(5) Description of each parameter - Yielding	8
(6) Description of each parameter - Gait	9
(7) Description of each parameter - Rest	10
(8) Other settings	11

(1) Cautionary note

MoPro is an app used for adjusting the parameters of the Bio Leg.

- If the setup is successfully completed, it is not a daily essential.

You can download MoPro from the App Store.

- To download MoPro, an internet broadband connection is required.
- An internet broadband connection is not required during the setup process.

To use MoPro, the following devices are required:

- iOS 14 and later supported devices (available with both iPhone and iPad).
- Bluetooth version 4.2 or above.

MoPro has User mode and CPO mode.

- This document provides an explanation of User mode.
Please refer to a separate sheet for information on CPO mode.

The adjustment of each parameter can be fine-tuned incrementally from the values set by the prosthetist during the last adjustment.

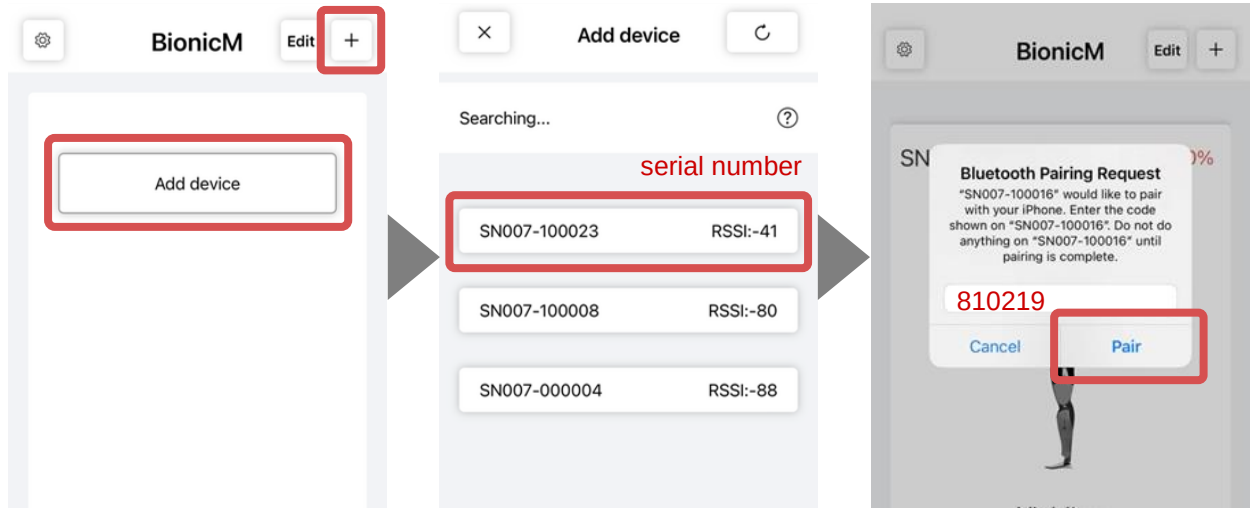
- If you wish to make significant changes to the values, please consult with your designated prosthetist.

When adjusting parameter values, hold onto the handrail and make gradual adjustments.

- Sudden large changes in values may pose risks such as the sensation altering, leading to potential falls.

(2) All of First: How to Pairing

Start MoPro and pair it with Bio Leg.



Open MoPro App.
Tap "Add device" or "+"
on the top right.

[Notice]
Turn ON Bio Leg before
tapping "Add device."

Select the serial number
of Bio Leg to pair.

[Notice]

- The serial number is a
6-digit number written
on the top of the device
as shown in the
example below.



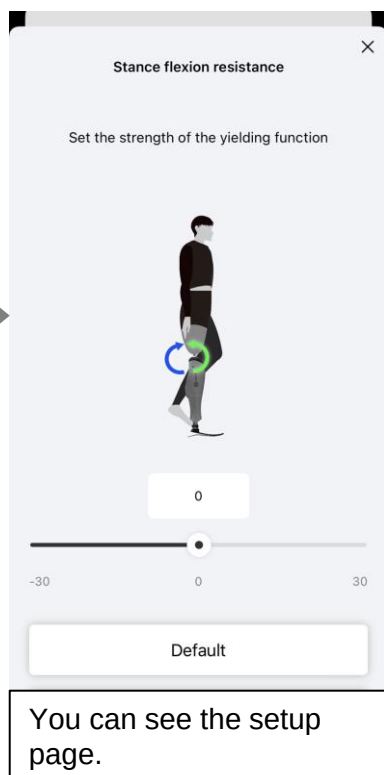
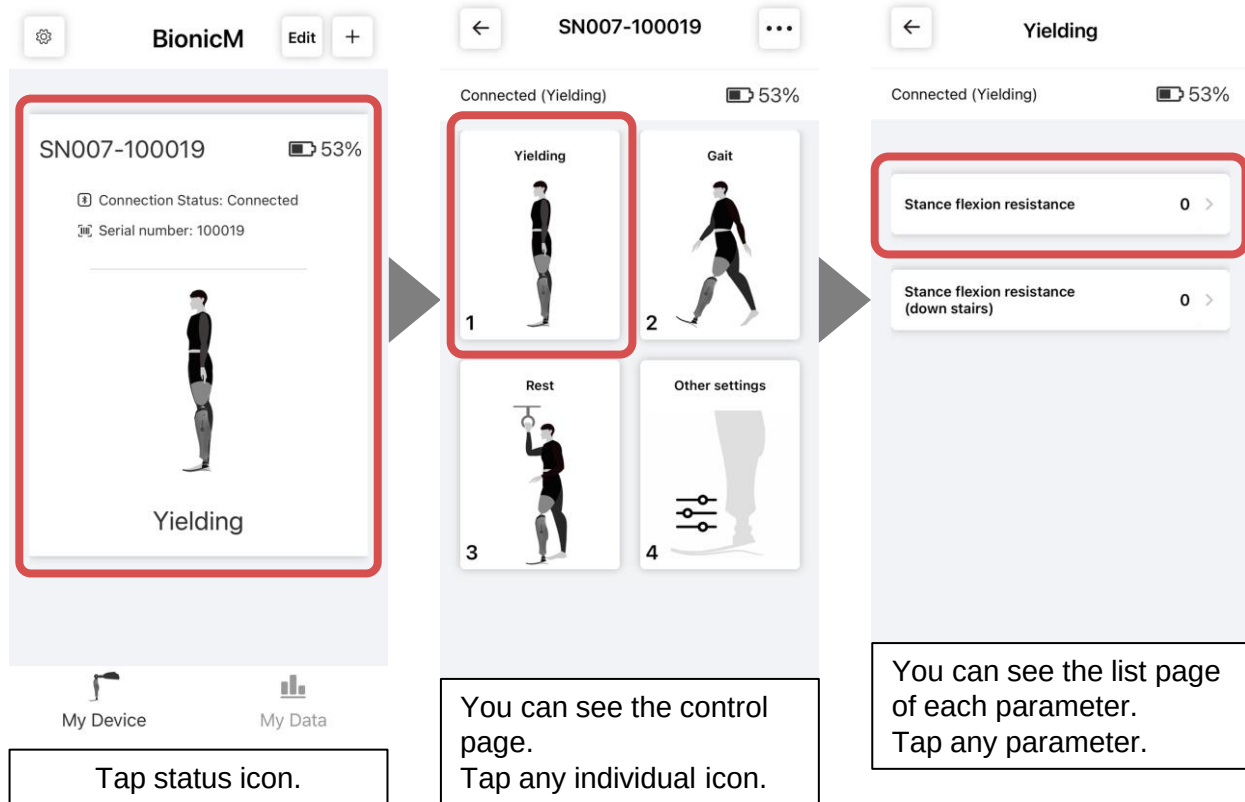
Input "810219" and tap
"Pair."
Pairing process will be
completed.

Pairing Troubleshooting

- Pair the MoPro to the Bio Leg within **ONE MINUTE** after powering on the Bio Leg. If you don't pair in one minute, you need to restart power of Bio Leg to pair.
- When you can not establish the connection between the MoPro and the Bio Leg, please delete the Bio Leg device from the Bluetooth list of setting app in the smartphone/tablet and the MoPro (you can delete the status icon by swiping to the left on the status page – see "(4) Explanation of the page") and power off the Bio Leg. Then turn on the Bio Leg and pair the MoPro again.

(3) Page transition

1. Setup page



You can see the setup page.

2. Check the daily activities

BionicM

Edit

+

SN007-100019

53%

Connection Status: Connected

Serial number: 100019

Yielding

My Device

My Data

TodayYesterdaySpecific day

NUMBER OF STEPS

0 steps

NUMBER OF SIT-DOWN

0 times

NUMBER OF STAND-UP

0 times

REST TIME

0 min 0 sec

NUMBER OF DESCENT

0 steps

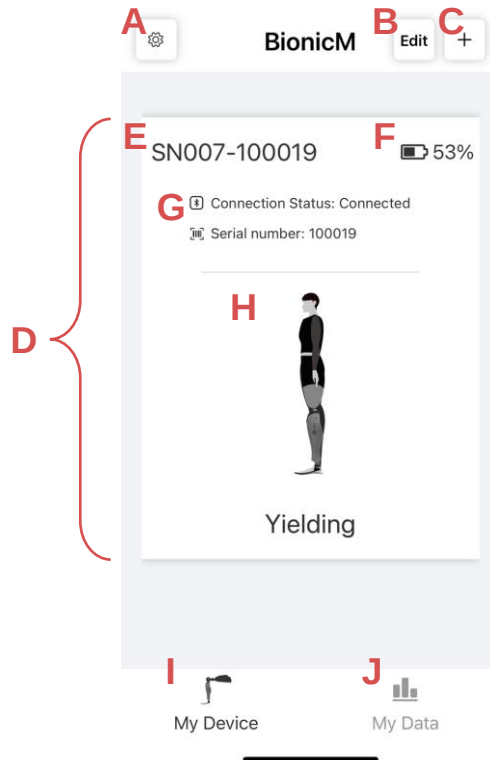
NUMBER OF ASCENT

Tap "My Data."

You can see the daily activities.

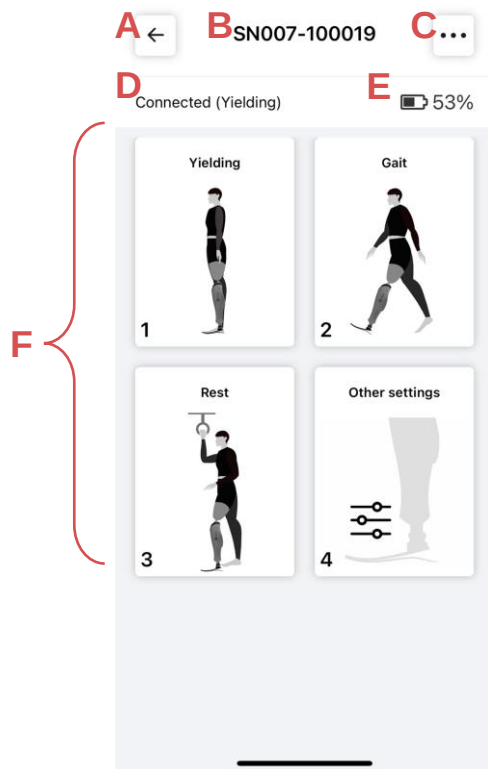
(4) Explanation of the page / How to set values

Status page



- A** Transition to Setting page
- B** Delete the device from the MoPro (Swiping the status icon to the left also allows for deletion)
- C** Add a new Bio Leg
- D** Status icon
- E** The model number (SN007) and serial number (6-digit number) of the connected device
- F** Battery remaining level
- G** Connection status
- H** The current mode of the connected Bio Leg
- I** Transition to My device page
- J** Transition to My Data page (on the page.4)

Setting page



A Back to the status page

B The model number (SN007) and serial number(6-digit number) of the connected device

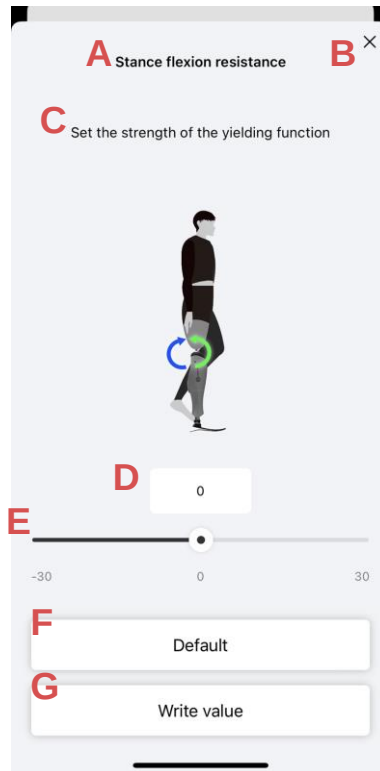
C Transition to device information page

D Connection status

E Battery remaining level

F Transition to the page displaying a list of parameters for each mode

Setup page



- A** The name of the parameter
- B** Close the popup
- C** Explanation of the parameter's meaning
- D** Textbox for input the value
- E** Slider for input the value
- F** Restore button to default value
- G** Write value button

How to adjust values

Adjust the value by moving the slider(**E**) left or right, or by entering a number in the text box(**D**) above the slider, then tapping “Write value”(**G**).

Tap “Default”(**F**) to return to the default values.

(5) Description of each parameter - Yielding

Stance flexion resistance

Set the strength of the yielding function

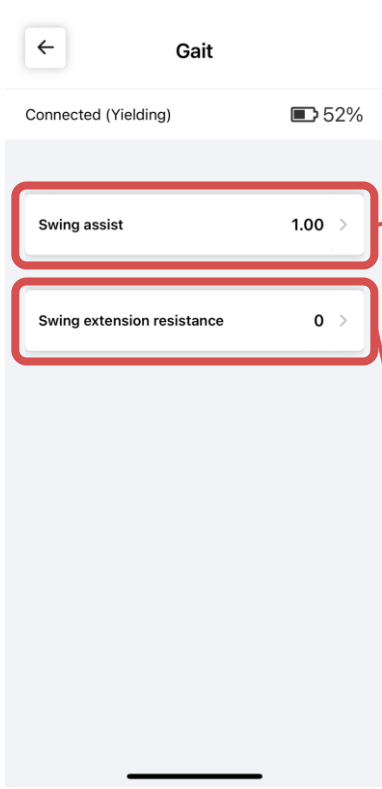
You can set the strength of the yielding function. If you feel that the resistance is too strong when you sit down / squat / step descent, decrease this value.

Stance flexion resistance (down stairs)

Set the strength of the yielding function in stair descent mode

You can set the strength of the yielding function in stair descent mode. If you feel that the resistance is too strong or if you want to descend stairs more quickly in stair descent mode, decrease this value.

(6) Description of each parameter - Gait



← Gait

Connected (Yielding) 52%

Swing assist 1.00 >

Swing extension resistance 0 >

Swing assist

Set the amount of flexion/extension assistance in the swing phase



You can set the amount of flexion/extension assistance in the swing phase. If you feel the power assist is too strong when you are walking, decrease this value.

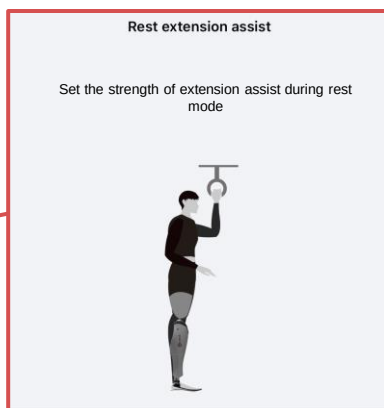
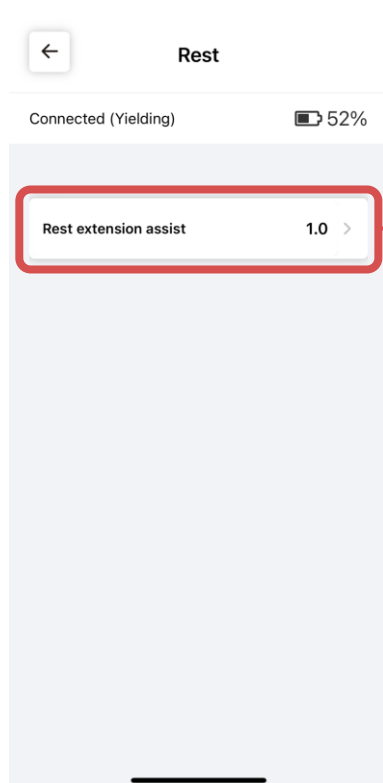
Swing extension resistance

Set the strength of extension resistance in the swing phase



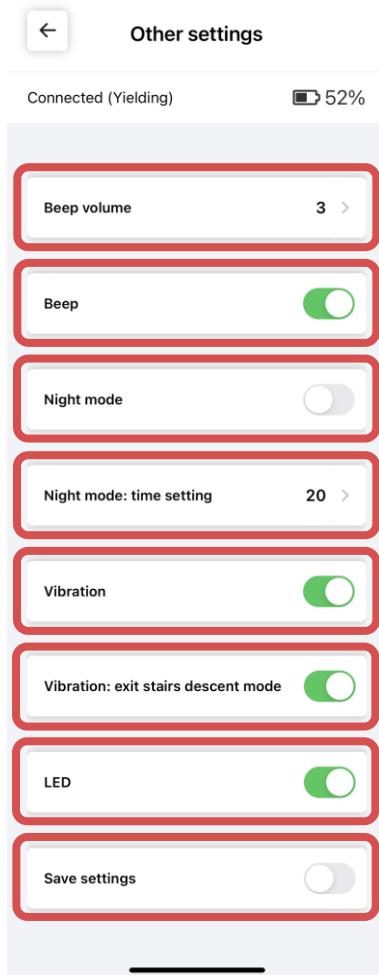
You can set the extension resistance in the swing phase. If you feel a terminal impact, increase this value.

(7) Description of each parameter - Rest



You can set the strength of extension assist (flexion resistance) during rest mode. If you feel the power assist is too weak, increase this value.

(8) Other settings



Tune the beep volume in three stages; this parameter is valid if the “Beep” is enabled.

Enable/disable the beep sound; it is recommended to enable this parameter until you are used to this prosthesis because beep is a clue for Gait mode, Stair ascent/descent mode, etc..

Enable/disable the night mode; when set to Active, the LED light will be turned off from the time specified in “Night mode: time setting” until 5:00.

Specifies the start time of Night mode; you can set between 0:00 and 23:00 (the latest timezone witch the Bio Leg connected with iPhone/iPad).

Enable/disable the vibration; it is recommended to enable this parameter until you are used to this prosthesis because vibration is a clue for Standing, Stair ascent/descent mode, etc..

Enable/disable the vibration notifying the exit from the stair descent mode; it is recommended to enable this parameter until you are used to this prosthesis.

Enable/disable the led light of TOP power button.

Save the settings; since parameter values are automatically saved in the Bio Leg, you don’t need to use this toggle button.