ODFS® Pace: Changes for software version V1.2

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The ODFS® Pace has now been in service for 18 months. Following feedback from clinicians and users some small changes have been made to the software improving the function of the device. Thank you to all of you who have given feedback. Please continue to let us know what you think of OML products and services. Your input is always appreciated. The following changes have been made for the V1.2 software release:

Control lock

Our patients highlighted that sometimes the Control knob *[see page 3 of the user manual]* could be knocked causing the output to be unintentionally altered. Therefore now you have to 'click' (press and release) the Control knob before adjusting the level. After the adjustment has been made the control automatically relocks following a short delay. The length of this delay can be adjusted using the new menu item called Control Lock.   Control Lock is the last item on the Options menu *[see page 20 of the user manual]* and has three options to choose from:

- 'LOCK OFF'. Control lock turned off. Output adjustments can be made without needing to click the Control knob first.

- 'LOCK 1s'. The output adjustment must start within 1s of the 'click'

- 'LOCK 3s'. The output adjustment must start within 3s of the 'click'. This is the default setting.

The control lock only effects the user when in WALK mode so has no effect when the ODFS® Pace is in SETUP Mode, EXERCISE Mode or when testing.

Exercise programme

If the EXERCISE PERIOD is now increased beyond 100 minutes the timer is turned off and 'unlimited' exercise is enabled. This is shown on the display as -----. Select this option if you do not want to set a timed daily maximum for exercise *[see page 44 of the user manual for all other exercise options]*.

It is now possible to try the exercise timings you have set by pressing the Pause button while in the EXERCISE PROGRAMS menu *[see page 44 of the user manual].* Exercise must first be enabled and the foot switch disconnected for this to work. You must also be in the upper part of the menu, i.e. where the titles are displayed, not adjusting a parameter. You can alter the pulse width level while testing the exercise stimulation.

BEEPS ON+

An extra beep option called Beeps ON+ has been added to the Beeps menu *[the Beeps menu is the second item of the Options menu see page 20 of the user manual].* When the BEEPS ON+ option is set, a high pitched beep is given when the level reaches 50%. This gives feedback to the user that the ODFS® Pace is at its normal operation level without the need to look at the display. There is also a lower pitched double beep when the 1% level is reached and the l/0 symbol appears. This informs the user that the control knob can be 'clicked' to turn the ODFS® Pace off. BEEPS ON+ option is now set as default option.

NEW SETUP

An option to go back up to the main menu has been added to the NEW SETUP? menu branch. This allows you to leave this branch without making changes to the parameters if you select it by mistake.

FINETUNE PULSE WIDTH menu

Pulse width has now been included as a 'proper' menu item in the FINETUNE menu. It is placed at the far end of the menu as you turn the control knob anti-clockwise. *Remember, it is normal to leave the pulse width set at 50% in SETUP.* *Only adjust the pulse width for the following reasons:*

- If a strong contraction is given at 10mA, reduce the pulse width

- If the contraction is insufficient at 100mA, increase the pulse width

- Occasionally a larger or smaller pulse width is more comfortable

If you increase the pulse width, turn the current down before testing in case the contraction is too strong.

When the Test or Pause buttons are used to start stimulation while in the PULSE WIDTH menu item, please note that it is CURRENT that will be adjusted if the Control knob is turned. *Do not confuse these two parameters as both will affect the contraction strength.*

PULSE WIDTH Out of Normal Range (45-55%) Warning

If you enter SETUP with the pulse width at an abnormal level, the Out of Normal Range Warning is given (!)

- If the pulse width is incorrect 'click' to select and then reset

- the pulse width to 50% or other intended value.

- If the pulse width is correct turn the Control knob to access the

- rest of the FINETUNE menu.

PULSE WIDTH (!)

(!) 1%

New symbol for turning off the ODFS Pace

When the level is turned down to 1%, the international symbol for ON and OFF, I/0 is displayed, replacing the pause symbol [P]. Press and hold down the Control knob to turn off.

WALK 1%   I / 0

Pause button signal

The beep for the pause button has been changed so it is easier to tell if you are starting or pausing the stimulation. When stimulation starts the beep is long and when stimulation is paused the beep is shorter and higher pitched.

Low battery warning

The low battery warning is now given slightly earlier, giving more warning of a poor battery.

Parameter reminders

We have added a new set of symbols for the timing settings in the FINETUNE menu *[see page 18 of the user manual]*. This is so that there is a reminder of which setting is being adjusted even when the text has gone from the screen.

Rising Ramp

Extension Time

 Falling Ramp

 Time Out Period (bar above the clock)

 Starting Delay (bar under the clock)

 Pulse width

Additionally, when testing in SETUP mode, the word CURRENT is now displayed on the screen to remind the clinician that it is the current that will be adjusted while testing the stimulation.

Parameter View Mode

Please note there is a new item on the Parameter View mode menu, LOCK. Also, the order of Frequency and Waveform has been switched so they are in the same order as in the FINETUNE menu. Please use the new clinic record form or if using the old forms, be careful to fill in the correct boxes. Finally, the abbreviation for hamstrings has been changed to H to prevent confusion with Heel Strike (HS).

Free upgrades

If your equipment has software versions earlier than V1.2.02 the software can be upgraded free of charge. You can find the software version in the parameter view mode. With the device turned off, press and hold the test button and then press the control knob. Rotate the control knob clockwise until the 2nd to last menu item is displayed. Please contact Susanne Jenkins, Customer Service Manager, on 01722 439548 to arrange upgrades.