Use Cases 0: Oasis Pro

Diagram

Description automatically generated

Use case 1: Power ON/OFF

Actor: Person

Precondition: Power Off – Press and hold to turn power on

Postcondition: Power on – Power is On, may select a session and/or turn power back off

“Press and hold the power button ( ) until the power LED turns on. The graph will display the battery level when you first turn on the unit (*see page 5*). If no session is selected within two (2) minutes, the Oasis Pro will turn off. To turn off the Oasis Pro at any time, press and hold the power button ( ) until the unit shuts off. This may take up to one (1) second if a session is running.” (Manual)

Diagram

Description automatically generated

Timeline

Description automatically generated with medium confidence

**Use case 2: Battery Level**

Actor: Battery

Precondition: Battery level exists to continue with session

Postcondition: Battery level maintenance

“The battery level is displayed on the graph for a couple of seconds when the Oasis Pro is first turned on. The battery level is also monitored and displayed periodically while the session is running. When the battery level is getting low, the graph will display two (2) bars and blink. It is recommended that the battery be replaced before running a session if this warning is displayed. When the battery level is critically low, the graph will display a single (1) blinking bar. If this warning is displayed when you turn the unit on, replace the battery immediately. If this warning occurs during a session, the session will end early and the battery indicator will continue to blink for a short period of time. The battery must be replaced before the unit can be used again” (Manual)Diagram

Description automatically generated

Timeline

Description automatically generated

**Use Case 3: Selecting a Session**

Actor: Person

Precondition: Power ON and Battery is greater than Critically Low

Postcondition: Begin Session

The Oasis Pro has four (4) standard session groups (20 minute , 45 minute , 3 hour , and user designed ). Each group offers eight  
(8) sessions. The session number is indicated by the lit number between the intensity and select controls. If no number is lit, then the group has no sessions programmed into it. Press and release the power button ( ) to switch between groups. The lit group icon will change. Press the INT or to highlight a session number. If no sessions are available in a group, no numbers will be lit. The frequency and mode icons associated with the session light up to indicate what frequency range and CES pulse type will be used. Press the select button ( ) to start the highlighted session. The session number will flash and the session will begin after a five (5) second delay. (Manual)

Graphical user interface

Description automatically generated with low confidence

A picture containing timeline

Description automatically generated

**Use Case 4: Connection Test**

Actor: Person

Preconditions; Starting a Session

Post Conditions: Complete Session

At the start of each session, the Oasis Pro checks for an electrical connection by entering a test mode. The CES Mode light ( or )  
will blink. The graph will display the status of the connection. Once a connection has been confirmed, the display will go blank or display a Soft On animation (if resuming or restoring a saved preference). The intensity may be adjusted as soon as the connection test ends.

If the ear clips are disconnected, the Oasis Pro will pause the session and wait for the ear clips to be reconnected. No Connection (7 and 8  
blinking) will display for a couple of seconds, then the graph may scroll up and down indicating that the unit is returning the voltage to a safe testing level; this may take up to 20 seconds (the and lights may turn on as well) (Manual)

Diagram

Description automatically generated

Timeline

Description automatically generated

**Use Case 5: Adjusting Intensity**

Actor: Person

Pre: Session ON/ connection test is confirmed

Post: Intensity Set

To increase the intensity of the stimulus, press the INT button. To decrease the intensity, press the INT button. The graph lights 1 to 8  
only show an approximate intensity level. When adjusting intensity, the topmost lit number will blink. (Manual)

Diagram

Description automatically generated

**Use Case 6: Saving Preferences**

Actor: Person

Pre: Active Session

Post: Continue Session

All sessions end with Soft Off™: a gradual reduction of the CES stimulus. After Soft Off™ the unit will power off. To end a session early, press and release the power button ( ). The graph will scroll from 8 to 1 to confirm that Soft Off™ is in progress. (Manual)

Diagram

Description automatically generated

A picture containing application

Description automatically generated

**UML**

Graphical user interface

Description automatically generated