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| USE CASE ##: Test Connection(Feature # 4 in specs) |
| Primary Actor: Session |
| Precondition: start of a session |
| Postconditions:   1. Connection is Okay (between 4 and 6 inclusive), OR 2. Connection is Excellent (between 1 and 3 inclusive). |
| Main success scenario:   1. Session enters a test mode. 2. Session blinks The CES Mode light. 3. Session confirms the connection, that is Okay or Excellent connection. 4. The graph will display the status of the connection. 5. Session confirms the connection 6. If new session, then Session blanks the display and go to step 8 7. If resuming or restoring a saved session, then session displays a soft On animation 8. Session enables (activates) the intensity buttons, so patient can adjust intensity. |
| Extensions:  3.a Session confirms no connection (between 7 and 8 inclusive).  3.a.1 No Connection (7 and 8 blinking) will display for a couple of seconds.  3.a.2 Session makes graph scroll up and down.  3.a.3 Session is returning the voltage to a safe testing level  3.a.4 Session is starting the test connection main scenario from step 1. |

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| USE CASE ##: Adjust Intensity (Feature # 5 in specs) |
| Primary Actor: Patient |
| Precondition: session in progress |
| Postconditions:   1. intensity is increased and less or equal the max intensity of the machine 2. intensity is decreased and greater or equal the min intensity of the machine 3. intensity is at the same level |
| Main success scenario:   1. Patient presses the increase/decrease intensity buttons. 2. Session increases/decreases intensity of the session. 3. If intensity at the min/max intensity no change of intensity level. |
| Extensions: |