Light Control Unit Instructions

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# Introduction

This document describes the operation of the PC based emulation of the Light Control Unit (LCU). It demonstrates the Operational Logic of the LCU using the a Switch Input, an EEPROM read ability, a “Play” button, an LCD display and a LED Status Ring.

The LCU\_Demo.exe is a Windows-Based application that should execute properly on any Windows Based PC.

# Usage

1. Start the application by double-clicking on the LCU\_Demo.exe file.
2. The application will first display the MuReva logo with a white-colored status ring.
3. A few seconds later, the “CONNECT MOUTHPIECE” instruction appears.
4. Press the LIMIT SWITCH button to emulate inserting the Mouthpiece cable assembly.
5. The application emulates reading the EEPROM. You can press EEPROM IS… OK to emulate the correct reading of the EEPROM. You can press EEPROM IS…. BAD to emulate a failed processing of the EEPROM.
6. Follow the Serial Number prompt. To emulate an incorrect SN, press the LIMIT SWITCH to simulate removing the Mouthpiece.
7. Follow the USED prompt. To stop using this Mouthpiece, press the LIMIT SWITCH to simulate removing the Mouthpiece.
8. Follow the PREPARE PATIENT prompt.
9. Follow the READY TO START prompt.
10. Watch the THERAPY IN PROCESS prompt. This will take a few seconds.
11. Follow the “Therapy Done” prompt.

# Things to do

1. Review the prompting.
2. Review the status ring colors.
3. Add Therapy “Countdown” graphics.