**Neulog Sensors**

1. Download neulog software from <https://neulog.com/software/>
2. Connect usb orange box into pulse blue box
3. Plug in a mini usb cable into the usb orange box
4. Plug the normal size end of usb cable into the computer (the mini usb should be plugged into the orange box)
5. Put on the sensor
6. Go to the neulog application and you should see a live reading
7. Before starting experiment make sure the signal has stabilized. To start an experiment, click – “Run experiment” and select duration and rate of sampling. Then press record (upper left).
8. After experiment is done running click “export”. Enter File Name and Experiment Name. Save as csv (and png if you want!).
9. Upload csv in Colab with files.upload() and pd.read\_csv(‘filename’)

If you want to use a sensor without being connected to PC through USB (offline experiment):

1. Connect sensor through USB to PC. And open NeuLog application.
2. Click the sensor icon on the left side of the application interface. Set the Duration and Rate to whatever you want for your offline experiment.
3. Remove sensor from USB box and add battery box to sensor box.
4. Put on the sensor and wait a few seconds for signal to stabilize.
5. When you are ready to start the offline experiment, press the button on the sensor box. Red light should turn on for duration of experiment and will turn off when signal collection is over.
6. Remove sensor and reconnect sensor box to USB and PC.
7. Click “Open Experiment” on the Neulog application and export data as csv and png.

How to attach sensors:

* Pulse Logger Sensor: Just put it on your pinky finger
* ECG Sensor:
  + Wet red clip and place it on left wrist (metal connector on underside of wrist)
  + Wet yellow clip and place it on right wrist (metal connector on underside of wrist)
  + Wet black clip and place it on left leg, forearm, or elbow (elbow is easiest)
  + Connect three color coded alligator clips to their respective large clips (they clip on to the metal loop part of the large clips.