15/11/2019

* Have a second page of the logging file that tracks what files have already been added and puts up an error message if you try to do it again

Scenarios

* **Basic = spontaneous breathing, gina – flow**
* Basic w leakage = spont gina, + leak (const/var)
* **PPV, no leak, no spont gina**
* PPV, leak, no spont
* Synchronized PPV leak/no leak, spont gina (-> often leads to ventilator-patient asynchronies)
* **Noise from some systems add complexity since signal for detecting a breath deteriorates (Bubble CPAP being an example). Consider Prm for noise signals and spont breathing (does not work for PPV). However, pilot of rPAP showed reasonable flow redings and problem with noise might not be great.**

**Functions/outputs**

* Piston volume
* ?insp /exp
* Py, Ptr Palv
* Insp exp time