***(1) Channel Testing Criteria***

* *Channels must be, at minimum recognisable and rational.*
* *Ability to determine slow wave activations is required.*
* *Skip channels with erratic signal behaviour and indeterminate activations.*
  + *Example: Bad channel.*

***(2) Handling Unexpected Spikes***

* *Ignore unexpected spikes not part of expected pacing artifacts.*
* *Disregard spikes interfering with the algorithm and below artifact threshold.*

***(3) Available Experiments***

* *Accessible experiments include: exp10, exp16, Pig37, Pig41.*

***(4)Steps for Reproducibility and Replicability***

* *Ensure reproducibility and replicability across various test environments.*
* *Reference:* [*Reproducibility and Replicability Explanation*](https://www.ncbi.nlm.nih.gov/books/NBK350355/#:~:text=and%20economic%20sciences%3A-,Reproducibility.,the%20same%20statistical%20analysis%20.%20.%20.)

***(5)Detection Method Key Parameters***

* + *window\_width (artefact)*
  + *threshold (artefact)*
  + *window\_width (FEVT)*
  + *threshold scalar - mad (FEVT)*
  + *channel 28 ex 10*

***(6)Time Measure***

*The Time Measurement has to be on 1000 samples, excluding time to fill the buffer with data.*

***(6)Run Type***

*This experiment is run on ‘yocto’ which is just linux. A Desoc1 board with running Linux is required.*

***(6)Channel Data***

*Channel data from the signal has to be manually loaded in code one at a time.*