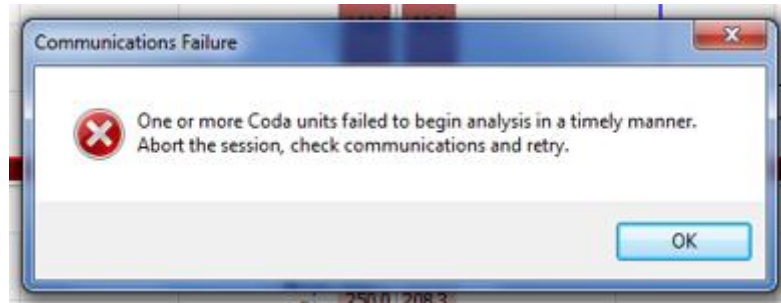


## Error Message: One or more CODA Units Failed to Begin Analysis in a Timely Manner



This error message is most often related to a leak that prevents the CODA from pressurizing.

To test the CODA controller for internal leaks:

- 1) Remove the cuffs, and place all of the caps very tightly on each of channels.
- 2) Start a new Experiment as if you were measuring animals.
- 3) Start the experiment.
  - a. Does the error message occur? If no, proceed to testing the cuffs.

To test the cuffs for leaks:

- 1) Pause the experiment and remove the caps from the first channel.
- 2) Replace the first set of cuffs, leaving the other channels capped.
- 3) Resume the experiment.
- 4) If no error message occurs, resume adding one set of cuffs at a time.
  - a. A leak can be identified by the reoccurrence of the error message, or by a change in the expected graph shape.
  - b. When the leak is found, replace the bladder and repeat the test.

Expected Graph Shape (A), and Example of VPR Leak (B)

