Automode

What is it?

- An *INTERACTIVE* mode of ventilation that *COMBINES* control and support modes. It *ADAPTS* to the patient's breathing capacity
- It allows the patient to go into a support mode *AUTOMATICALLY* if he triggers the ventilator with just one breath
- If the patient is not making any breathing the effort the vent will deliver controlled breaths

How do I set it?

- Place the patient in a desired CONTROL mode and also choose Automode (order should be for the control mode + automode)
- Each CONTROL mode is coupled with a SUPPORT mode

  VOLUME CONTROL ⟶ VOLUME SUPPORT

  PRVC ⟶ VOLUME SUPPORT

  PRESSURE CONTROL ⟶ PRESSURE SUPPORT

- If you are in Pressure Control, you will need to set a Pressure Support for when your patient is spontaneously breathing. Exhaled volumes will be variable
- If you are in Volume Control or PRVC, your set Vt will be your target volume for the support mode and your PIP will be variable
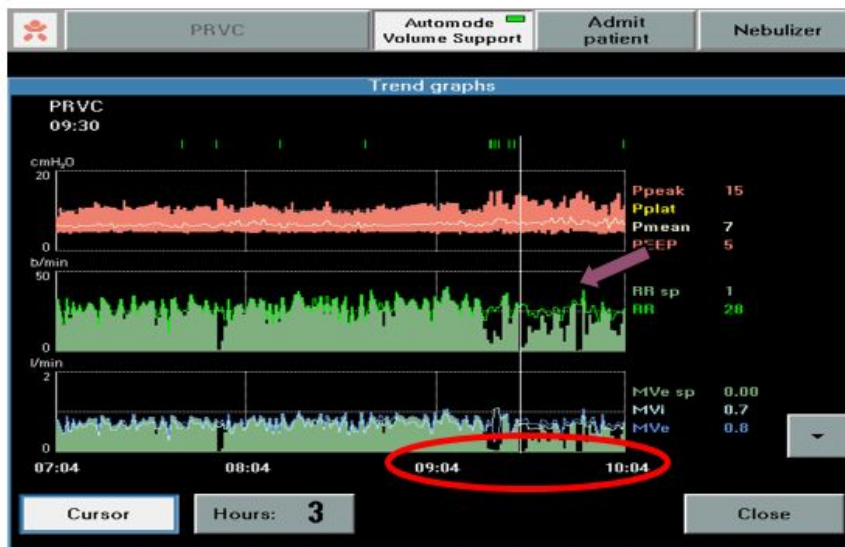- You must also set a Trigger Timeout

How does Trigger Timeout work?

- It is the MAXIMUM allowed apnea time in Automode before controlled ventilation is activated
- If the patient violates the Trigger Timeout and goes back into control mode, the patient must breathe 10 breaths in a row before the ventilator will wait the entire trigger timeout again before switching back to support mode
- If the patient breathes more than 10 breaths in a row and then stops, the vent will wait the entire set Trigger Timeout before switching back to support mode
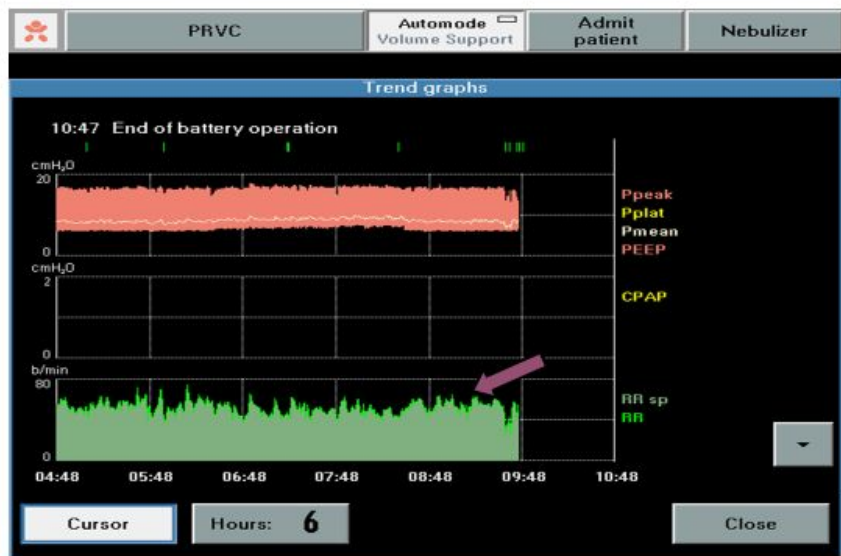
How do I know if my patient has been in Control or Support Mode?

- Utilize the Trend screen by looking at the RR

You can utilize the Trend screen to determine how much support the patient needed. Notice the Total RR and the Spont RR. As you can see on the screen shot, the patient was still requiring some support between 9:04 and 10:04.

On this screen shot, you can see the patient had an intact spontaneous respiratory drive, requiring no ventilatory rate assistance.

How do I chart in Compass?

- Chart all settings for the control mode
- If the patient is using a <u>set</u> Pressure Support then chart that in settings as well (do not chart Pressure Support as a setting if the patient is in Volume Support, you will chart PIP in the monitoring section)
- Chart all vent monitoring as it pertains to patient…if patient is utilizing the support mode, chart <u>spontaneous</u> values