Start of Day
Flow Sensor Calibration - While the Fabius GS is in "Standby" press "Calibrate Flow Sensor" soft key. The screen will prompt you to remove the expiratory hose, assure all flow meters are off then confirm with the rotary knob. This process typically takes about 15 seconds. Once complete, the screen will either prompt you to replace expiratory limb or, if the flow sensor fails, it will read, "Flow Sensor Fail." The flow sensors typically last 3 months so, if after several attempts to calibrate, replace and discard.

O₂ Calibration - Remove O₂ cell from post. Allow cell to expose itself to ambient air for at least two minutes. After the proper time has passed, if in "Standby" depress the "Calibrate O₂ Sensor" soft key and confirm with the rotary knob. This process takes about 15 seconds as well. Once calibrated, the screen will read 21% O₂. Replace cell back on post. You can calibrate the O₂ cell while ventilating as well by simply depressing the "Setup" soft key. Once depressed, there will be an option to "Calibrate O₂ Sensor." Depress the soft key and follow the directions.

Gas Sample and Sample Gas Return – Leak and compliance tests should be performed with Gas Sample and Sample Gas Return lines both connected or both disconnected. Connecting one and not the other will produce erroneous test results and sometimes declare a leak which is not present.

Leak and Compliance Test - While Fabius GS is in "Standby", depress the "Leak/Compliance Test" soft key. Follow the directions on the screen.

Manual Leak Test - Close the APL valve to 70 CM H₂O. Turn off all flow meters and depress the flush button while occluding the circuit. Depress breathing bag and observe manometer to check for leakage in the circuit.

Check the Scavenger - Assure the red float is between the two black lines. If adjustment is needed, simply turn the black knob until desired setting is reached. Check the Back up tanks - Turn each tank on and assure proper pressure which can be read on the gauges below the vaporizers.

Manual Ventilation
Activating Monitor from Standby - Depress "Man/Spont" soft key then push the rotary confirm knob.

Adjusting Flows - Turn on O₂ flow meter to the left until desired setting is reached.

Alarms - Once in 'Man/Spont" the "Pressure Alarm" is automatically off. Depress the soft key below the "Volume Alarm" to turn it off.

APL Valve - You can only assist the patient when the APL valve is in the "Man" position. Adjust the desired pressure by turn right to tighten or left to loosen. The "Spont" position on the APL valve is open. Use this to dump pressure off the patient or to flush the system.
Mechanical Ventilation

Volume Ventilation - Depress the "Volume" soft key. The default parameters for volume ventilation appear. To change a setting, simply depress the soft key below the parameter, turn the rotary knob and confirm. Once the desired settings are present, confirm the rotary knob once more to activate the ventilator.

Pressure Control Ventilation - Depress the "Pressure" soft key. The default parameters for pressure control ventilation appear. To change a setting, simply depress the soft key below the parameter, turn the rotary knob and confirm. Once the desired settings are present, confirm the rotary knob once more to activate the ventilator.

APL Valve - The APL Valve is out of the circuit in mechanical ventilation therefore no interaction is required.

Alarms in mechanical ventilation

"Threshold Low" Once in mechanical ventilation, the threshold alarm can be preset by depressing the "Setup" soft key, then depressing "Autoset." This will auto set your threshold 5 CMH₂O below the current peak pressure.

"Apnea Pressure" - Check for patient disconnect. If system is tight, then check to see if the threshold is set above your peak pressure. If so, depress the "Setup" soft key then "Autoset."

"P-Max?" - In Pressure control, if the ventilator cannot deliver the pressure set, this alarm will occur. This is usually the result of a leak.

"Pressure Limiting" - This message occurs if the patients peak pressure reaches the P-MAX set in Volume Control. You either have to increase the P-MAX, decrease the Tv set or try "Pressure Control."

Turning the Ventilator off - Depress the 'Man/Spont" soft key and confirm with the rotary knob. Depress the soft key below "Volume Alarm." Adjust the fresh gas flows and APL valve accordingly.

End of Day

Shutting machine down - Depress "Standby" soft key and confirm with the rotary knob. Assure all flow meters are off. The Fabius GS will time out into a screensaver in 5 minutes.

Soda Lime or "Draeger Sorb" - The Fabius GS scrubs CO₂ from the bottom-up. If the granules are depleted by ¾, replace.

Vaporizers - Check site glass for fill level. Fill as needed.

O₂ Cell – Remove O₂ cell from post and replace with Inspiratory Valve plug [to prolong cell life]

01/21/05 Draeger, 6-20-0-5 Minor edit by J Philip at BWH