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Daily/Routine Anesthesia Machine Maintenance

CARE OF THE MACHINE

- Disconnect breathing hoses and bags from machine after use
- Check connection of oxygen source to machine
- Assess flutter (one-way valves) for moisture, if present remove domes and clean with dry gauze
- Check connection of vaporizer to machine

VAPORIZER CARE

- Clean external portion of vaporizer with damp cloth or gauze
- Check window level and refill if below fill line
- Check drain pin and tighten (if present and necessary)

CHECK AND CHANGE SODA SORB

- Replace after color change or after 8-10 hours of continuous use (WEAR GLOVES)
- Be sure to remove all dust and granules when replacing canister and gasket to prevent leaks
- Leave space for air movement at the top of the canister (1-3 inches)
- Always pressure check the machine after changing the soda sorb to ensure a tight seal on the canister

PRESSURE CHECK

- CLOSE** the pop off valve and occlude the expiratory, inspiratory and bag ports
- Increase the pressure in the system by using the flowmeter (**NOT FLUSH**) until the pressure on the manometer reads 50cm H₂O
- TURN OFF OXYGEN**
- Observe the manometer for 30-60 seconds
 - **The manometer should remain at 50 cm H₂O, if it does the equipment is safe for use**
 - **If the pressure drops you may set the oxygen flow meter at 200ml/min and continue observing the pressure**
 - **If the pressure continues to drop check all connections for leaks and start from the beginning**
 - **If the pressure rises while the flowmeter is off then it or the O₂ flush may have a leak that needs to be addressed before use**
 - **ALWAYS ENSURE THE POP OFF IS OPEN AFTER PRESSURE CHECKING THE MACHINE**

