STANDARD OPERATING PROCEDURES

8. The data logger is capable of capturing real-time trend data from the monitor to an SD Flash card. Choose function (Record Real Time Trend, Capture (ECG only) or Capture Screen) and select intervals from menu selections.

9. The printer is capable of producing waveform snapshots, waveform strip charts, and tabular trend data. Set the print speed and duration and type (waveform or tabular trend data).

10. Attach SpO connector to unit.

11. Insert moisture trap into gas port inlet of unit. (left side of unit, see above for similar comments).

12. Attach sample incoming line to moisture trap.

13. Insert CO absorber to rear of unit.

14. Attach either lingual clip or rectal probe to patient sensor cable and place on patient.

15. Connect elbow adapter to CO2 sample line and place adaptor in between endotracheal tube and Wye piece/Bain circuit of anesthetic machine.

12. Record transducer zero or calibration on the anesthesia monitoring tower maintenance hang-tag.

Non-Invasive Blood Pressure (NIBP)

1. Choose a blood pressure cuff appropriate for the patient and the limb size.

2. Attach cuff to patient.

3. Connect the cuff to monitor via the NIBP supply hose.

4. Ensure patient type (e.g., cat, dog or horse) is appropriate for the patient.

5. Choose NIBP mode (i.e., Auto, manual, or STAT).

6. Adjust alarm high low limits.

7. Choose inflation pressure.

8. Cuff can be cleaned in regular laundry load or hand-washed.

9. NIBP is not cannot be serviced/calibrated by user.

Temperature

1. Choose a temperature sensor.

2. Apply temperature sensor to patient.

3. Connect temperature sensor to monitor via interface cable.

4. Choose temperature alarm on/off and/or high low limits.

5. Choose unit of measurement (i.e., ^0C or ^0F).

Capnography

1. Ensure a capnography module is attached to the monitor.

2. Connect sample line to moisture trap.

3. Turn on capnography by turning rotary knob and selecting SETUP, PARAMETER OPTIONS, CO2 MONITOR, ON. Turn rotary log to select MAIN or PREVIOUS.

4. Check for leaks by pinching the sample line tubing near the moisture trap. If OCCLUSION is displayed in the CO2 parameter box the capnography module is functioning properly.

5. Ensure CO_2 exhaust kit is connected to capnography module for waste anesthesia gas scavenging.

6. Choose waveform scale, units of measurement, waveform speed from the waveform menu.

    c. Turn rotary knob and highlight the CO_2 parameter box and push knob to select.

    d. Highlight HILO CAL and select.

    e. Turn rotary knob to highlight YES and select. After a low calibration the message "**TURN GAS ON**" will be displayed.

    f. Quickly open the flow control valve on the calibration gas canister. The valve must be fully opened in less than 30 seconds.

    g. When the message **"TURN GAS OFF"** appears, close the flow control valve of the calibration gas canister.

    h. Calibration is finished when "**CAL DONE"** is displayed.

    i. Change the units of measurement for CO2 to % from the main menu select SETUP, PARAMETER OPTIONS, CO2 UNITS

    j. Verify calibration by opening and closing the flow control valve on the calibration gas canister at the rate of on for two seconds, off for two seconds for 4-8 on/off cycles.

    k. Verify the $ETCO_2$ reading in the CO_2 parameter box reads 10.0% CO_2 $\pm$ 0.4 (9.6-10.4%)

    l. Disconnect the calibration test fixture.

4. Refer to manufacturer's operation manual for additional information.

5. Calibration is documented by labeling the unit with the date of calibration and date the next calibration is due.

6. Facility Managers are responsible for maintaining current records of Division-owned equipment inspections, calibrations, maintenance, non-routine repairs, and current