

# Quick reference guide

## Using the Capnostream<sup>™</sup> 20p bedside patient monitor



#### Turn on the Monitor

- A prompt will appear: "Should the monitor be prepared for a new patient by clearing the memory?"
- Use the control knob to highlight in blue and select "yes" when starting with a new patient.

#### **Connect the Patient**

- Apply the appropriate Microstream™ Advance Filter Line to the patient
- Connect the Microstream<sup>™</sup> Advance Filter Line quick seal connector to the port on the side of the monitor (see photo inset #2 above), turning clockwise a quarter turn until snug.
  Do not overtighten.

### Settings

#### Select Patient Type

- The monitor defaults to an adult setting. To change patient type, turn the control knob to highlight "Patient Type" key on.
- Press the control knob, scroll to locate correct patient type (adult, ped 1-3 yrs, ped 3-6 yrs, ped 6-12 yrs, and infant/neonatal)) and press the control knob to select.

#### Alarm Troubleshooting and Alarm Limit Settings

- Turn the control knob to highlight "Alarms" and press the knob to select.
- The first screen will display current alarm limits and the number of violations that have occurred in the last hour.
- To modify alarm limits, turn the control knob to highlight "Alarm Limits" and press the knob to select. Scroll to the individual limit setting using the control knob and press to select.
- To change the limit setting, turn the knob again and press to select. Use the control knob to select HOME and click the control knob again to return to the Home screen. This step is necessary to "save" alarm limit changes.

#### Alarm Silence and Stand-by Mode

- Press the Alarm Silence Button to silence an alarm for 2 minutes.
- To place the monitor in Stand-by, disconnect the Microstream<sup>™</sup> Advance Filter Line and/or the SpO<sub>2</sub> sensor from the monitor, then push and hold the Alarm Silence Button for 2 seconds. The monitor will remain in Stand-by Mode until the Microstream<sup>™</sup> Advance Filter Line and/or the SpO<sub>2</sub> sensor is reconnected. You will see the message "CO<sub>2</sub> standby" and/or "SpO<sub>2</sub> standby" flashing at the top of the screen.

#### Battery Charge

- Ensure the monitor is plugged in because the battery life is approximately 2 hours.
- Confirm the green power-on indicator and the orange AC power indicator lights are both on. If the orange light is not on, the monitor is running on batter power only and will stop operating when the battery is discharged.

## Refer to the Capnostream<sup>™</sup> 20p bedside patient monitor operator's manual for complete details on how to use the monitor.

The Microstream<sup>™</sup> capnography monitoring system should not be used as the sole basis for diagnosis or therapy and is intended only as an adjunct in patient assessment.



|            | UNITS |     | CAUTION ALARM | EtCO <sub>2</sub> | mmHg |
|------------|-------|-----|---------------|-------------------|------|
| EtCO2 HIGH | mmHg  | 60  | 55            |                   | 0    |
| EtCO2 LOW  | mmHg  | 8   | 10            |                   |      |
| FICO2 HIGH | mmHg  | 8   | 8             |                   |      |
| RR HIGH    | bpm   | 50  | 40            |                   | RR   |
| RR LOW     | bpm   | Э   | 6             | FiCO2             | 16   |
| NO BREATH  | sec   | 30  |               |                   |      |
| SpO2 HIGH  | %     | 100 | 100           | SpO <sub>2</sub>  | %    |
| SpO2 LOW   | %     | 85  | 90            |                   | NC.  |
| PR HIGH    | bpm   | 140 | 140           |                   |      |
| PRLOW      | bpm   | 50  | 50            |                   | 0    |
| SAT SEC    |       | 25  |               |                   | PR   |
| IPI LOW    |       | 3   | 5             | SAT SEC           | 74   |

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