

# Basic Skills Checklist KEY

## Evita 2 dura

This Skills Checklist is provided for information purposes only, focuses on the Draeger Medical product referenced and related concepts, and is not a substitute for reading the applicable Instructions for Use. The skills checklist assists in training how to use or operate this product. It does not address issues of medical practice or clinical judgement related to the use of this product.

The checklist is intended only as a suggestion for your consideration; it may or may not be consistent with your institutional expectations for staff competency. It is the responsibility of each institution or provider to make their own determinations regarding matters of training and clinical protocol for their employees and the products that they use.

Skill	Answers
Mount exhalation valve.	<ol style="list-style-type: none"><li>1. Hold valve with blue end to your left.</li><li>2. Insert into machine until valve clicks.</li></ol>
Install flow sensor.	<ol style="list-style-type: none"><li>1. Place flow sensor horizontally in to connection.</li><li>2. Slide sensor to the right fitted into blue end of the exhalation valve.</li></ol>
Connect circuit and humidifier to ventilator.	<ol style="list-style-type: none"><li>1. Connect your patient circuit per policy, inspiratory side is on the right.</li></ol>
Turn ventilator ON and ADULT Patient configuration.	<ol style="list-style-type: none"><li>1. Press <b>on</b> button on the upper back left of the machine. The plastic cover will come down to cover the button. The device performs a self check, when completed the standby screen will display.</li><li>2. Press <b>Standby</b> key and hold, machine will alarm standby activated</li><li>3. Press <b>Alarm Reset</b> and hold to acknowledge the alarm.</li><li>4. Scroll to <b>Adult</b> and confirm using the knob</li></ol>
Perform device check.	<ol style="list-style-type: none"><li>1. In Standby find the Check key in the lower right corner of soft keys.</li><li>2. Touch <b>CHECK</b> key to open device check screen.</li><li>3. Scroll to <b>CHECK</b> and confirm. Follow prompts in lower middle bluebar</li><li>4. Answer each prompt by scrolling to yes or no and confirm with lends.</li><li>4. After the Device Check is completed, an Airtight Check is recommended.</li><li>5. Scroll to <b>AIR TIGHT CHECK</b> and follow the prompts in the lower middle</li></ol>
Set MODE to CMV.	<ol style="list-style-type: none"><li>1. Touch "pages" to return to standby screen.</li><li>2. Press <b>CMV</b> key on lower right.</li><li>3. Confirm by pressing the rotary knob.</li></ol>
Set FIO <sub>2</sub> to 80%.	<ol style="list-style-type: none"><li>1. Press the <b>FIO<sub>2</sub></b> softkey</li><li>2. Adjust up or down with the rotary knob.</li><li>3. When 80% is displayed, press in the rotary knob to confirm.</li></ol>
Set INSPIRATORY TIME to 1.2 seconds.	<ol style="list-style-type: none"><li>1. Press the <b>Tinsp</b> softkey.</li><li>2. Adjust up or down with the rotary knob.</li><li>3. When 1.2 sec is displayed, press in the rotary knob to confirm.</li></ol>
Set TIDAL VOLUME ( VT) to 500ml.	<ol style="list-style-type: none"><li>1. Press the <b>VT</b> softkey.</li><li>2. Adjust up or down with the rotary knob.</li><li>3. When 500 is displayed, press in the rotary knob to confirm.</li></ol>
Set PEEP to 5cm H <sub>2</sub> O.	<ol style="list-style-type: none"><li>1. Press <b>PEEP</b> softkey.</li><li>2. Adjust up or down with the rotary knob.</li><li>3. When 5cm is displayed, press in the rotary knob to confirm.</li></ol>
Turn AUTOFLOW and ATC Off.	<ol style="list-style-type: none"><li>1. Press the <b>Settings</b> button beside the screen to turnoff.</li><li>2. Scroll to <b>AutoFlow</b>.</li><li>3. If on, yellow dot will display in upper left, confirm with the rotary knob.</li><li>4. Do the same for <b>ATC</b> .</li></ol>
Set FLOW to 50LPM.	<ol style="list-style-type: none"><li>1. Go back to basic settings by pressing the "pages" softkey.</li><li>2. Press the <b>Flow button</b> softkey.</li><li>3. Adjust to 50 lpm then confirm with the rotary knob.</li></ol>

Skill	Answers
Set MINUTE VOLUME (MV) alarms. High alarm - 20.0L and Low alarm - 2.0L	<ol style="list-style-type: none"> <li>1. Press the <b>Alarm Limits</b> soft key on the upper right next to the screen. The alarm screen will appear.</li> <li>2. Scroll to the <b>MV high</b>, confirm, adjust to 20.0 L and confirm with the rotary knob.</li> <li>3. Scroll to the <b>MV low</b>, confirm, adjust to 2.0 L and confirm with the rotary knob.</li> </ol>
Set High PRESSURE alarm at 15cm H <sub>2</sub> O above Peak Pressure scroll to.	<ol style="list-style-type: none"> <li>1. Press <b>Alarm Limits</b> soft key opening alarm limits menu.</li> <li>2. The <b>High Pressure</b> limit and confirm.</li> <li>3. Set the alarm to 15cm H<sub>2</sub>O above the Peak Pressure with the rotary knob</li> <li>4. Confirm with the rotary knob.</li> </ol> <p>Note: Alarm will activate when pressure reaches 5cm H<sub>2</sub>O below the set High Pressure alarm value.</p>
Set High TIDAL VOLUME alarm at 1500ml.	<ol style="list-style-type: none"> <li>1. Press <b>Alarm Limits</b> soft key opening alarm limits menu.</li> <li>2. Scroll to the <b>Vti high alarm</b> and confirm.</li> <li>3. Set the alarm to 1500ml with the rotary knob</li> <li>4. Confirm with the rotary knob.</li> </ol> <p>Note: If tidal volume reaches 1500ml the ventilator will terminate inspiration and start expiration to protect form over inflation.</p>
Set High SPONTANEOUS RATE alarm at 30 bpm.	<ol style="list-style-type: none"> <li>1. Press the <b>Alarm Limits</b> soft key opening alarm limits menu.</li> <li>2. Scroll to the <b>fspn alarm</b>, and confirm.</li> <li>3. Set the fspn to 30 bpm with the rotary knob.</li> <li>4. Confirm with the rotary knob</li> </ol>
Describe LOW PRESSURE alarm set-up. Describe APNEA VENTILATION set-up.	<p>Low Pressure alarm is automatically set 5cm above the set PEEP parameter.</p> <ol style="list-style-type: none"> <li>1. Change mode to <b>SIMV</b>.</li> <li>2. Touch the setting soft key to open mode and parameters menu.</li> <li>3. Scroll to <b>Apnea</b> to confirm.</li> <li>4. If, on yellow dot will display in upper left.</li> <li>5. Scroll to <b>Vt</b>, confirm, dial 500 ml with rotary knob to confirm.</li> <li>5. Scroll to <b>f</b>, confirm</li> </ol> <p>Note: Apnea ventilation is activated to vilume controlled mandatory breathing if patient stops breathing.</p>
Demonstrate AUTOFLOW activation.	<ol style="list-style-type: none"> <li>1. Press the Settings soft key to open mode..</li> <li>2. Scroll to AutoFlow key to confirm.</li> <li>3. If on yellow, dot will display in upper left.</li> <li>4. Check for AutoFlow in mode window in upper middle status bar in volume modes and blank flow key on settings panel.</li> </ol> <p>Note: AutoFlow adjusts inspiratory flow to the patient's needs, minimizes airway pressure to deliver set tidal volume, and allows free breathing. AutoFlow can be turned on/off in Volume Modes and is always on in PCV Modes.</p>
Set-up to deliver P <sub>supp</sub> with CPAP @ 5cm H <sub>2</sub> O & P <sub>supp</sub> . 0.	<ol style="list-style-type: none"> <li>1. Press the other modes soft key to open mode.</li> <li>2. Scroll to <b>CPAP/P<sub>supp</sub></b> and confirm.</li> <li>3. Touch the <b>PEEP key</b> and dial in 5cm H<sub>2</sub>O with the rotary knob and confirm.</li> <li>4. Touch the <b>P<sub>supp</sub> key</b> and dial in 0cm H<sub>2</sub>O with the rotary knob and confirm.</li> </ol>

Skill	Answers
Activate AUTOMATIC TUBE COMPENSATION (ATC) with Size 6.0 ET tube and 100% compensation.	<ol style="list-style-type: none"> <li>1. Press the <b>Settings</b> softkey.</li> <li>2. Press <b>ATC</b>.</li> <li>3. Scroll to tube. confirm, choose ET tube or trach. confirm with rotary knob.</li> <li>4. Scroll to <b>ID</b> confirm dial in 6.0 for inside tube diameter in mm and confirm with rotary knob.</li> <li>5. Scroll to <b>Comp</b>, confirm, dial in 100% for degree of tube compensation and confirm with rotary knob</li> <li>6. Scroll to <b>ON</b> and confirm with rotary knob.</li> </ol> <p>Note: There will now show ATC status line. The tracheal pressure is calculated by the Evita 2.</p>
Turn ATC Off.	<ol style="list-style-type: none"> <li>1. Touch the <b>Settings</b> soft key.</li> <li>2. Scroll to <b>ATC</b>.</li> <li>3. Confirm with rotary knob to turn off, yellow dot should disappear.</li> </ol>
Calibrate flow sensor.	<ol style="list-style-type: none"> <li>1. Press the <b>Calibration</b> soft key.</li> <li>2. Scroll to <b>Flow</b>.</li> <li>3. Confirm to <b>Calibrate</b>.</li> <li>4. Status of test is in bottom middle of screen.</li> </ol> <p>Note: Everyday at 11:00 AM the ventilator automatically calibrates the flow sensor and notes the calibration in the Logbook. Flow sensor can be calibrated at any time, even during ventilation.</p>
Calibrate O <sub>2</sub> sensor.	<ol style="list-style-type: none"> <li>1. Press the <b>Calibration</b> soft key.</li> <li>2. Scroll to <b>O<sub>2</sub> key</b>.</li> <li>3. Confirm to <b>Calibrate</b>.</li> <li>4. Status of test is in bottom middle of screen.</li> </ol> <p>Note: Everyday at 11:00 AM the ventilator automatically calibrates the O<sub>2</sub> sensor once a day and notes the calibration in the Logbook. O<sub>2</sub> sensor can be calibrated at any time with no change to patient's set FIO<sub>2</sub>.</p>
Activate and explain function - PEEPi.	<ol style="list-style-type: none"> <li>1. Press <b>Special Procedures</b> soft key</li> <li>2. <b>PEEPi</b>. tab should display in white at top of screen</li> <li>3. Confirm to <b>Start</b></li> </ol> <p>Note: The function of PEEPi is to measure intrinsic PEEP. The difference between PEEPi and the set PEEP is Auto PEEP and the Vtrap is the amount of volume trapped with this Auto PEEP. Both values are displayed</p>
Activate and explain function - P.01.	<ol style="list-style-type: none"> <li>1. Touch <b>Special Procedures</b> soft key</li> <li>2. Press black "measurement" soft key PO.1 tab should display at top of screen</li> <li>3. Confirm to <b>Start</b></li> </ol> <p>Note: The function of P.01 is to measure the neuromuscular breathing drive to estimate the likelihood of successful weaning from the ventilator. Normal pressure is 2 to 6 cmH<sub>2</sub>O.</p>

## Skill

Access Data Screen;  
explain function of each option.

## Answers

1. Touch the **Measured Values** soft key.
  2. Go into the Data menu you wish to view. (Values, Logbook, Trends)  
Note: Tables 1 and 2 displays all measured values and settings for facilitating documentation. Use black "table" softkey to toggle between **Logbook** records settings, changes, events and alarms and lists them in chronological order with time of occurrence. Turn rotary knob to get to specific entry.  
**Trends** displays two trends with a common scale. Touching black "trend" softkey will open up to give a choice of 2 trends to change the display. (Total of 8 to monitor) The displays will show 1, 3, 6, 12, 24 hr increments. Press "Zoom" softkey to change trend time display.
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