

Basic Skills Checklist KEY

Babylog 8000



A Dräger and Siemens Company

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
Assemble and install flow sensor.	<ol style="list-style-type: none"> 1. Insert flow sensor into sensor housing 2. Insert Babylog cable (white) from the back of the ventilator into the sensor
Place exhalation block.	<ol style="list-style-type: none"> 1. Place exhalation on bottom left side of the Babylog 2. Lock in with black lever, press soft key to access
Power ON.	<ol style="list-style-type: none"> 1. Power on device. (Clear button in the back of the ventilator) 2. Make sure the device is in BTPS and ISO configuration, press config soft key to access.
Calibrate flow sensor.	<ol style="list-style-type: none"> 1. Flow sensor must see a zero flow environment. (Remove sensor from the circuit) 2. Press Cal / Config 3. Press V Cal 4. Press Start
Select mode and parameters (List 1).	<ol style="list-style-type: none"> 1. Choose ventilation mode – Assist Control, press AC, then start 2. Ventilator Options - Volume Guarantee - VG –set volume to 10 mls 3. Trigger- 1.3 4. Adjust FIO₂- 40% 5. Adjust Inspiratory time - Tin .35 6. Adjust Expiratory time - Tex 7. Flow rate – 8 liters 8. PInsp – set at 20 cm 9. Peep – set at 5 cm
Set alarms (part 1).	<ol style="list-style-type: none"> 1. Press the up / down arrow key on the ventilator for alarm menu 2. Set the high / low minute volume at 30% and then 0 .1 and 1 liter 3. Set alarm delay – 20 secs 4. Set apnea time – 15 secs 5. Set tachypnea rate – 80 bpm
Measured Values (List Key).	<p>List 1. This screen is reflective of the actual ventilator settings</p> <p>List 2. This screen will display the Vt set but only new whole numbers.</p> <p>Measured 1. This screen will display active patient data</p> <p>Measured 2. This screen will display pulmonary mechanics</p>
Set Pressure Support Ventilation.	<ol style="list-style-type: none"> 1. Depress the vent options key Select PSV 2. Set the Tin for 0.5 seconds 3. Set the expiratory time to achieve a set respiratory rate of 40 bpm 4. The Tin and Tex will become the limits in this mode of ventilation
Set Volume Guarantee.	<ol style="list-style-type: none"> 1. Depress vent options key 2. Select VG 3. With the arrows – enter the ordered Vt. 4. Set the PInsp 5 above the patient peak inspiratory pressure
Peak Inspiratory Pressure Setting.	<ol style="list-style-type: none"> 1. PInsp becomes a pressure limit in the VG mode of ventilation 2. The PIP will increase if the lung compliance should decrease. The PIP will decrease if the compliance should improve.

Skill**Answers**

Alarms (part 2).

1. **Low VT** (1.) Change in compliance (2.) Partial obstruction (3.) Leak (4.) Sensor
2. **Solutions** (1.) Assess pt. (2.) Suction (3.) Reposition tube / head (4.) Cal.Sensor
3. **PIP** 5cmH₂O **above** set PIP in Volume Guarantee
4. **PEEP** PEEP/CPAP-2
5. **Flow Sensor** If the flow sensor is removed or disabled, the ventilator will switch to pressure control ventilation and Vt is not monitored.
6. **Alarm Log** Depress the **envelope** key
7. **ET Obst.** A blocked or kinked ET-tube. **An alarm is generated when no flow is measured in a mandatory mode of ventilation during the entire respiratory cycle**

Set-up CPAP / NCAP.

1. Depress ventilator modes and select **CPAP and set to 6 cm**
 2. The flow sensor must be removed from the patient circuit, adjust alarms, use external monitoring for oxygenation and apnea status
- Note: CPAP will be displayed as mean pressure on measured one page

.Set-up for Nebulizing Medication.

1. Remove flow sensor, disconnect from cable
 2. Reset Tin and PInsp parameters if in PSV/VG .
- Note: Apnea default is to IMV if no flow sensor in line.
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