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## FAQs

**What is the purpose of CPAP?** The purpose of CPAP is to generate Continuous Positive Airway Pressure throughout the patient's entire breathing cycle.

**What does CPAP stand for:** CPAP means Continuous Positive Airway Pressure.

**Can you tell me the advantages of Flow-Safe II®?**

1. Complete Disposable CPAP System with Manometer
2. Can be used with a standard flowmeter - Flow determines CPAP pressure
3. Has a built-in, color-coded manometer
4. Allows for the addition of an in-line nebulizer
5. No Extra Parts – everything clinicians need for delivering CPAP is packaged in a compact zippered bag.
6. Deluxe Full-Face Mask

**Why is the Flow-Safe II Deluxe Full-Face Mask more comfortable than others?**

1. Soft adjustable padding for the forehead to alleviate pressure on the patient's nose
2. Features low pressure seal mask with breathable elastic headgear
3. Quick disconnect clips

**Why is Flow-Safe II easy to set-up?**

1. Complete Disposable CPAP SYSTEM is ready to use, no extra equipment required
2. Built-in, color-coded manometer
3. Pressure relief valve
4. 7' Oxygen tubing connects to standard flow meters.

**Does Flow-Safe II have any alarms?** No. However, any patient on CPAP should be a candidate for capnography. Standard EtCO<sub>2</sub> Sampling Tees fit in-line.

**What's the FiO<sub>2</sub> of Flow-Safe II?** The FiO<sub>2</sub> has a range between 100% and 28%. Since Flow-Safe II is an open system, the faster and deeper a patient breathes, the more room air is brought in, reducing the FiO<sub>2</sub>. A healthy person with a good tidal volume will have a lower FiO<sub>2</sub> than a sicker person. In the CPAP mode the FiO<sub>2</sub> is approximately 70 - 75% for an adult patient with an average tidal volume.

**How many mask sizes are there?** Three - Large Adult, Small Adult/Medium, Child/Small

**Are there any age limits?** No, if the mask seals & the patient cooperates.

**Can EtCO<sub>2</sub> be used with Flow-Safe II?** Yes, for the most accurate reading use an EtCO<sub>2</sub> cannula under the mask.

**How can nitroglycerin be administered with Flow-Safe II® in place?** By releasing the quick connect clips or simplify lifting the mask.

**What is the peak flow rate to the patient at 5 cmH<sub>2</sub>O?** 71 LPM

8 – 9 LPM	5 cmH <sub>2</sub> O	71.5 LPM
10 – 12 LPM	7.5 cmH <sub>2</sub> O	99.5 LPM
13 – 14 LPM	10 cmH <sub>2</sub> O	107.5 LPM
15 LPM	13 cmH <sub>2</sub> O	115 LPM

**How long can a patient stay on Flow-Safe II?** The manufacturer does not place a limit on how long a patient can stay on Flow-Safe II, it's a matter of comfort and gas supply.

**Can a nebulizer be used with Flow-Safe II?** Yes, the nebulizer can be placed in-line between the mask and CPAP valve and requires a second gas source.

**What is the maximum CPAP pressure with Flow-Safe II?** 13 cmH<sub>2</sub>O

**Can other manufactured masks be used with Flow-Safe II?** Yes, however the Deluxe mask is recommended and has been tested with Flow-Safe II for effectiveness and seal.

**Can Flow-Safe II be used with a bacterial/viral filter?** Yes, a filter can be placed between the mask and CPAP valve.

**What are the black nipples on the mask used for?** The nipples can be used to provide additional oxygen by attaching oxygen tubing flowing at a few liters per minute.

**Is Flow-Safe II MR Conditional?** Yes, up to 3 Tesla.

**Can Flow-Safe II be used with Covid-19?** Preliminary reports are indicating that CPAP can be very effective in the treatment of Covid-19 patients. Research has shown that Flow-Safe II can be just as effective as the Trilogy 100 Ventilator. Having a disposable device can help reduce the spread of infection, eliminate cleaning of equipment and reduce cost. It is recommended that an in-line filter be used with CPAP devices and COVID-19 patients.

**What is the Oxygen consumption rate?** In the CPAP mode a full D cylinder (2000 psi) should last about 40 minutes at 5 cmH<sub>2</sub>O.

**What is the difference between Respiratory Distress and Respiratory Failure?**

- **Respiratory Distress** is abnormal respiratory rate or effort. The patient is near normal consciousness and is working hard to breathe but can maintain normal EtCO<sub>2</sub> values.
- **Respiratory Failure** is inadequate oxygenation and/or an increase in EtCO<sub>2</sub> regardless of the patient's breathing workload.

**Does Flow-Safe II have humidification capabilities?** Yes, by placing a heat and moisture exchanger (HME) between the mask and the Flow-Safe II valve. However, this will require an adjustment in the flow rate to maintain the same pressure due to the resistance created by the HME.

**Can CPAP be billed for using Flow-Safe II?** Yes, the CPT code for initiation and management is #94660.