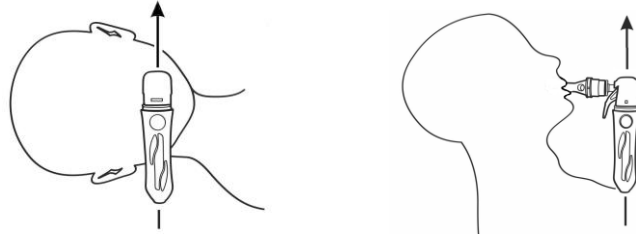


# HAND-HELD NITROUS®

## "EASY-STEP INSTRUCTIONS"

**NEVER TOUCH OR HOLD THE USED CYLINDER - DISCARD DIRECTLY INTO TRASH**  
**THIS DEVICE MUST BE HELD VERTICAL WHILE IN USE**



### 10 EASY STEPS

### What to Expect:

**1.** Ask patient "Would you like a little nitrous oxide before we start the procedure?" If yes, continue.

Instruct patient they will be awake and able to hear and follow instructions.

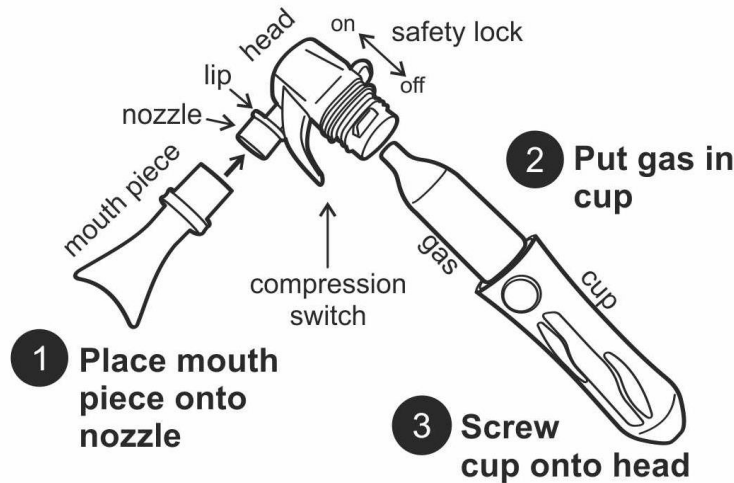
**2.** Prep the patient for procedure. The patient must be sitting or laying back.

The patient will desire to lie back during administration.

**3.** Open and remove inhaler and gas/mouth piece. Assemble by firmly placing the mouthpiece on nozzle until it firmly hits nozzle lip. Place gas cylinder into cup as shown. Confirm threads are matched! Do NOT force. Using normal pressure, screw cup on head until it stops. Turn 1/4 turn again to activate the cylinder.

If threads are not matched slowly unscrew and try again. When tight, screw additional quarter turn – the gas is now ready to be released.

### ASSEMBLY



**4.** Tell patient "We are ready to begin. I am going to give you some gas now. I want you to inhale deeply and slowly. As soon as you feel the effect of the gas the doctor will begin. Are you ready?" If yes, proceed. Confirm everyone is ready.

Demonstrate how to inhale deeply and slowly (w/o gas).

**5.** This device MUST be held vertical while in use. With the dispenser vertical, gently place the mouth piece into the

If device is not held in vertical position, ice burn may occur.

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mouth of the patient. The mouth piece rotates.

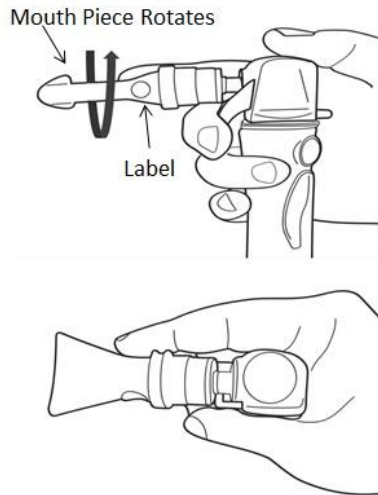
**6.** Position inhaler with labeled air hole away from index finger.

**Adults:**

Without administering gas, instruct the patient to make a seal around the mouthpiece with lips and inhale deeply and slowly several times through the open air hole (patient practice step). **ALWAYS HOLD INHALER VERTICAL, REGARDLESS OF HEAD POSITION.** After the patient has exhaled, squeeze compression switch continuously. Fill the patient's lungs with the gas. Remind the patient to inhale deep and slow. The patient exhales through the mouth piece air hole. Use the index finger to feel the air exit the mouth piece air hole. A hissing noise can be heard and a white mist observed, this is normal.

Do not stop administrating the gas until patient is ready and do not cover the open ambient air hole.

**Children:** remove air hole label, keep both air holes OPEN. Continuously administer gas.



Effect of gas is immediate.

Persons performing procedure must be in room and ready to start BEFORE gas is administered.

Administering the gas may take a little practice. Contents are under pressure; expect HISSING noise at first.

A white mist may be emitted from device and nose of patient. This is normal.

Listen to patient inhale and exhale and feel the air exit the mouthpiece air hole.

Do NOT expect to give all gas. Most patients are ready for procedure to begin in 4 to 5 inhalations.

**7.** Continuously talk to your patient *"continue to breathe deep and slow."* After the 4th to 5th inhalation patient is ready! Motion for the procedure to begin immediately.

When patient relaxes and breathing slows, motion for procedure to begin.

**8.** If not hindering procedure, continue administering gas until all gas is released, otherwise, stop and back away to make room.

The patient is awake, experiencing increased pain tolerance and is relaxed.

**9.** Stay with patient for at least 6 to 8 minutes after administering gas. Make sure patient does not stand or roll off bed. Make patient clearly communicate they are ready to stand.

The patient is not to be left alone until patient:

- is not "dizzy"
- can ambulate
- has minimal nausea
- is absent of respiratory distress
- is alert and oriented
- can clearly communicate

**10.** When finished, while holding the inhaler vertical, expel all remaining gas into air before unscrewing cup holding cylinder (release gas until hissing completely stops).

**Without touching or holding** the used cylinder discard the now empty cylinder DIRECTLY into the garbage. Discard mouthpiece. Inhaler is reusable up to 150 times.

Warning: Ice burn can occur- expel all remaining gas before removing cylinder. Never touch or hold the used cylinder.