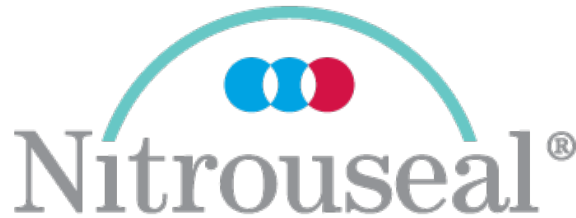


INSTRUCTIONS FOR USING NITROUSEAL® ANALGESIA



1. Fit a finger pulse oximeter to the patient and monitor during entire medical procedure.
2. Use a new single-use NITROUSEAL® mask/circuit. Make sure that the mask sealing cushion is sufficiently inflated. If necessary, add some air through the cushion valve using a large syringe.
3. Turn on the MINISCAV® pump (you will hear it humming as confirmation that it is on). Ignore this step if you have wall suction.
4. Turn on the Accutron® Flowmeter. Only oxygen will be flowing and the machine automatically will start at a flow rate of 5 Liters/minute (**digital readout on right side of flowmeter**) (i.e. only 100% oxygen is being delivered).
5. Make sure the reservoir (inhalation) bag is full. If necessary, place a hand over the mask to make sure the bag fills up.
6. Place the NITROUSEAL® mask on the patient's face by first placing it under the chin, then lowering mask onto the bridge of the nose making sure the cushion forms a good seal when in contact with face (no gaps). Allow patient to hold mask in place during entire medical procedure.
7. Increase the oxygen flow rate to 10 Liters/minute (in larger patients the flow rate may need to be higher to keep the inhalation bag full).
8. Turn on the nitrous (**digital readout on the left side of flowmeter**) gradually increasing to **no more than 45%** prior to starting medical procedure.
9. The nitrous concentration can be titrated up or down during the medical procedure to suit patient.
10. At end of the procedure, decrease nitrous concentration to 0% and allow patient to breath 100% oxygen for 2-3 minutes prior to removing the mask from the patient and turning the machine(s) off.

Nitrous is more effective in older age groups than in children. In pediatrics, it is not unusual to administer 60-70% nitrous. **In adults, however, it is rarely necessary to exceed 45%.**

Some adults may feel a sense of panic at higher concentrations (60-70%). The literature states that most of the benefits are seen in the 40-45% range; we therefore recommend that you titrate the nitrous concentration, but try to stay below 50%.

Important: No other anxiolytics (benzodiazepines) or other narcotics should be given to patients scheduled to receive nitrous. If these agents are used in combination with nitrous, a deeper level of sedation than is desired can result.