

# O<sub>2</sub> Emergency Oxygen Administration



cprflorida.net  
888-388-9250

## MEDICAL EMERGENCY RESPONSE TRAINING

### Always Use, Always Helps!

#### Emergency Oxygen Device: Facts and Features

##### Cylinder:

The Emergency Oxygen cylinder is made of spun steel or aluminum. While most steel oxygen cylinders must be pressure-tested before refilling at 5 yr. intervals, extra tolerance steel cylinders, which needs to be tested at 10 yr. intervals, are also available. All cylinders are labeled and meet FDA and Department of Transportation (DOT) requirements.



##### Regulator, Gauge:

All Emergency Oxygen regulators deliver an oxygen flow rate of 6 L/min. or more. The gauge registers the cylinder contents whenever the lever is moved to the ON/OPEN position. With a constant flow of 6 L/min., a filled steel cylinder lasts 80-90 minutes. A filled aluminum cylinder holds 40-45 minutes.



##### Delivery System (Tube & Mask):

Delivery system includes a CPR pocket mask and tubing. The tubing is designed to ensure continued flow of oxygen even if crimped. The rescue mask permits inhalation support for the breathing person, and the one-way valve insert allows for mouth to mask rescue breathing during CPR.



#### Transportation and Setting up Equipment

- Transport the oxygen device carefully
- Open the case or bag next to the patient
- Lay the cylinder down
- Be sure the oxygen hose is not obstructed or pinched.

#### Oxygen for Rescue Breathing

- Confirm the victim is **NOT** breathing or breathing normally.
- Use one-way valve insert for rescue breathing.
- Extend hose and mask.
- Confirm hose is connected to cylinder and mask.
- Face away from the valve.
- Slowly turn lever to ON/OPEN and check for oxygen flow.
- Ensure open/clear airway.
- Place mask over nose and mouth.
- Blow so each breath causes the chest to rise.
- Deliver **1** rescue breath every **5 seconds for an adult** and **3 seconds for a child/infant** lasting **1** second each.

#### Oxygen for Breathing Support

- Confirm Breathing.
- Extend hose and mask.
- Confirm hose is connected to cylinder and mask.
- Face away from the valve.
- Slowly turn lever to ON/OPEN and check for oxygen flow.
- Ensure open/clear airway.
- Place mask over nose and mouth.
- Tell the victim to breathe normally.

#### Safety Guidelines

- Keep equipment in a clean, dry area, away from constant and direct sunlight.
- Don't store or use near a known spark or heat source (e.g. electric or gas heaters, industrial ovens, etc.)
- Don't store or use with hydrocarbon products (e.g. oil, grease), or other rubber, lubricant or combustible/flammable substances.
- Don't light or use tobacco products when using oxygen.
- Don't assemble, repair or clean oxygen equipment with out special training. Trained technicians use oxygen-compatible tools and cleaners when they provide service.
- When using Emergency Oxygen in conjunction with the AED, remove the mask from the victim's face when the AED advises "stand clear"