



**ULTRA FOR MEDICAL PRODUCTS CO.**

## **INSTRUCTION FOR USE FOR NASAL OXYGEN CANNULA**

### **Material Used:**

- P.V.C. (Poly Vinyl Chloride) non phthalate and DEHP free.
- P.P. (Polypropylene).

### **Description:**

- Nasal oxygen Cannula is a thin, plastic tube that delivers oxygen directly into the nose through two small prongs. It's used in adult and pediatric patients alike as a type of respiratory support. It provides maximum freedom to the patient and leaves the patient's mouth free for nutrition & communication.

### **Indications:**

- Nasal oxygen cannula –ULTRAMED is an invasive device but not surgically.
- Used to provide oxygen for respiration with maximum comfort to the patient.
- The nasal oxygen cannula is widely used for the treatment of ill patients suffering from various respiratory diseases such as Chronic Obstructive Pulmonary Disease (COPD) and emphysema.
- Additionally, in emergency situations, the nasal oxygen cannula is administered to relieve acute symptoms, such as shortness of breath and lowered oxygen saturation.
- The nasal oxygen cannula is also commonly administered throughout the hospital setting, such as in the operating room during surgery and during post-operative recovery, and in the intensive care units to critically ill patients.

### **Contraindications:**

- Using of nasal oxygen cannula is contraindicated in the following case:
  - 1) Blocked nasal passages.
  - 2) Choanal atresia.
  - 3) Surgery to nasopharynx.
  - 4) All patients with unfavorable ventilation response to oxygen treatment. In case of non-effective O2 treatment (unfavorable ventilation response resp.) mechanical ventilation must be turned to as well as in all cases with patients in respiratory coma.
  - 5) Not to be used in patients with known hypersensitivity to any of the materials used.
  - 6) Supervision is recommended if the patient has a reduced level of consciousness.

### **Warning:**

- The device is Gram-negative bacteria even if the bacteria themselves are killed. For single use only; Reusing can be associated with Cross infection, Device Malfunction and Reactions to endotoxins as sterilization will not inactivate toxins produced by the breakdown of Gram-negative bacteria even if the bacteria themselves are killed.

### **Instruction for Use:**

#### **➤ Before using nasal oxygen cannula:**

- Perform hand hygiene; this prevents the transmission of microorganisms.
- Wash hands with warm soapy water, Dry thoroughly then Put on gloves and aprons to reduce risk of infection.
- Apply clean gloves, to decrease the transfer of microorganisms.

#### **➤ During using nasal oxygen cannula:**

- Remove nasal cannula from package.
- Attach end connector to oxygen source.
- Adjust the amount of oxygen that flows through the tubes from the nasal prongs.
- Position the nasal cannula with the nasal prongs facing upward and curved toward the face.
- Insert the two nasal prongs into the nostrils.
- Lift the tubes and fit them over the patient ears, if having the tubes looped behind the patient ears is uncomfortable, it is preferable to rest the headset behind the patient head.

- Move the slider up the tubes to adjust the fit.
- Assess for proper functioning of equipment and observe client's initial response to therapy.
- **after using nasal oxygen cannula:**
  - Remove gloves and place patient in a comfortable position.
  - Assess patient's level of comfort.
  - Perform hand hygiene.
- **Removing of the nasal oxygen cannula:**
  - Perform hand hygiene; this prevents the transmission of microorganisms.
  - Wash hands with warm soapy water, Dry thoroughly then Put on gloves and aprons to reduce risk of infection.
  - Apply clean gloves, to decreases the transfer of microorganisms.
  - Disconnect the oxygen supply tubing from the oxygen source ,this prevents risk of accidents.
  - Remove device from patient face, to ensure completing the artificial respiration successfully.
  - Remove gloves and place patient in a comfortable position. Assess patient's level of comfort. Perform hand hygiene , this promotes patient comfort and reduces the transmission of microorganisms.

**Cautions:**

- Do not use if package is open or damaged.
- Discard after single use.
- Do not use if the patient have hypersensitivity from the P.V.C.

**Conditions of Handling, Preservation and Storage:**

- Not more than 5 cartoons on each other.
- Nice Ventilated place.
- Out of direct Sun light.
- Room temperature.



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**Non-Sterile**



**For Single Use Only**



**Latex Free**



**See Instruction for use**



**Medical Device**



**Lot No.**



**Date of Manufacturing**



**Use by / Expiry date**



**Catalogue No.**



**Manufacturer Address**



**Don't use if package is not intact**

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**Consult Instruction for Use**

