

# OxyMulti-Mask™ Handout

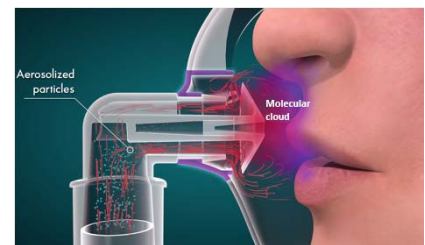


- OxyMulti-Mask™ is an open mask system capable of providing high humidity, medicated aerosol therapy as well as a broad range of oxygen delivery.
- The OxyMulti-Mask™ delivers 23 to 83% oxygen therapy simply by adjusting the oxygen flow rate from 1 to 15+ liters per minute to flush (OxyUltra™ Kid delivers 22 to 93% oxygen).
- OxyMulti-Mask™ is ideal for a seamless transition of oxygen and aerosol therapy from:
  - ✓ Pre-hospital (EMS/Fire)
  - ✓ Acute care
  - ✓ Palliative care
  - ✓ Home care
  - ✓ Disaster Preparedness, Mass Casualty, Pandemic episodes
- OxyMulti-Mask™ is a highly efficient 'open' mask system that eliminates the need for a closed design mask, valves and reservoirs



Oxygen delivery is achieved through a pin and diffuser system designed to concentrate and redirect the flow of oxygen:

- ✓ Oxygen enters the system through a right-angled swivel at the front of the mask.
  - ✓ The mushroom -shaped Pin redirects the flow of oxygen, forming an organized pattern of vortices and a cloud of concentrated oxygen molecules.
  - ✓ The triangular directional Diffuser refines the shape of the oxygen vortices and directs the flow towards the patient's nose and mouth
  - ✓ During the patient's inhalation, oxygen flow is mixed with room air drawn in through the mask openings. Respiratory mechanics and breathing patterns determine how room air combines with the delivered oxygen. The concentration of oxygen received during the breath is a function of the oxygen flow compared to the patient's inspiratory flow and tidal volume.
  - ✓ During exhalation the Mask openings allow expired carbon dioxide to escape
- With its broad range of FiO<sub>2</sub> OxyMulti-Mask's open technology replaces traditional oxygen interfaces for the delivery of oxygen and aerosol therapy.
  - Patient benefits:
    - ✓ Reduces feelings of claustrophobia
    - ✓ Increases communication
    - ✓ Improves accessibility for oral and nasal care
    - ✓ Aerosol therapy does not go into the eyes
    - ✓ All of which improve patient comfort and therefore compliance with their oxygen therapy
  - Clinician benefits:
    - ✓ Reduces the risks of re-breathing carbon dioxide and aspiration of emesis
    - ✓ Allows for oral care, suctioning and nasogastric tube placement while maintaining continuous oxygen therapy
    - ✓ Simplifies work flows by replacing time-consuming and error-prone device exchanges with a single, easy-to-adjust mask.
    - ✓ Compatible for use with a wide variety of aerosol devices





- Operational Efficiencies
  - ✓ Reduces overall costs; less to purchase, stock, maintain
  - ✓ Reduces medical waste and product clutter
  - ✓ OxyMulti-Masks' are not made with natural rubber latex or phthalates such as DEHP
- OxyMulti-Mask™ family of products
  - ✓ OxyMulti-Mask™; fits 80% of adult patients
  - ✓ OxyMulti-Mask™ Plus: 25% larger - for patients with a larger face, and or a beard. May also be used on the patient whose mouth remains wide open while breathing
  - ✓ OxyUltra™ Kid: for children 3 to 10 years old, or within the weight range of 33 to 70 lbs / 15 to 32 kgs. Features 3D penguin design. Delivers 22 to 93% oxygen.
  - ✓ OxyTrach™: Delivers oxygen, high particulate humidity and aerosol therapy to patients with a tracheostomy.
- Information for use:
  - To place the mask on the patient
    - ✓ Remove the OxyMulti-Mask™ from the packaging
    - ✓ Recycle or discard the insert inside the mask (not applicable for OxyTrach™)
    - ✓ Gently rotate the elbow to release and achieve desired angle
    - ✓ If you are using it for oxygen only, place the attached connector onto the swivel elbow of the mask and attach the oxygen tubing to the tapered end.
    - ✓ Attach the universal connector at the end of the mask tubing to an oxygen source.
    - ✓ Place the mask on the patients face
  - Proper Fit - OxyMulti-Mask™
    - ✓ An appropriately sized OxyMulti-Mask™ will fit below the eyes, and cup the chin
    - ✓ The mask should fit parallel on the face
    - ✓ The swivel and diffuser pin assembly centered below the nose and above the upper lip
    - ✓ Position the elastic strap below the patients' ears or at the crown of the head, maintaining comfortable tension. Avoid pressure on the ears.
  - Proper Fit - OxyTrach™
    - ✓ Place OxyTrach™ swivel and diffuser pin assembly directly in front of the tracheostomy
    - ✓ Using the elastic or trach tie, secure the OxyTrach™ around the patient's neck maintaining comfortable tension
  - To provide medicated aerosol therapy
    - ✓ Remove the connector from the mask's swivel elbow and attach a nebulizer set up
    - ✓ Attach oxygen tubing to the flow meter and adjust the flow between 6 to 8 litres per minute
    - ✓ Once the medicated therapy is completed, remove the nebulizer from the swivel elbow, replace the connector and attach the oxygen tubing. Readjust the flow meter to achieve or maintain the prescribed oxygen saturation.
  - To provide high particulate humidity
    - ✓ Remove the connector from the swivel elbow
    - ✓ Attach corrugated tubing
    - ✓ Attach the other end of the corrugated tubing to the high humidity humidifier set up
    - ✓ Adjust the flow rate and oxygen percentage as prescribed, to achieve or maintain the prescribed oxygen saturation
- Continuous O<sub>2</sub> therapy
  - ✓ Adjust the oxygen flow from 1 to 15+ liters per minute to flush to achieve prescribed oxygen saturation or oxygen flow rate.
  - ✓ The tubing on the mask can be adjusted by rotating the 360° swivel to relieve any twist or torque
  - ✓ Allow the patient to stabilize and assess
  - ✓ If necessary, adjust oxygen flow rate or percentage, to achieve or maintain the prescribed oxygen saturation
- OxyMulti-Mask™ is your one mask for patient safety, patient comfort, oxygen therapy compliance and aerosol therapy.