

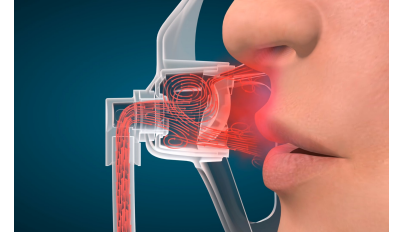
Oxy₂Mask™ Handout



- Oxy₂Mask™ is an open mask system capable of providing a broad range of oxygen therapy
- Oxy₂Mask™ delivers 24 to 90% oxygen therapy simply by adjusting the oxygen flow rate from 1 to 15+ liters per minute to flush (OxyMask™ Tyke delivers 0.25 to 5+ LPM, 22% to 65% FiO₂)

- Oxy₂Mask™ ideal for:

- ✓ First Response (EMS)
- ✓ Hospital Care
- ✓ Home Care
- ✓ Mass Casualty/Pandemic

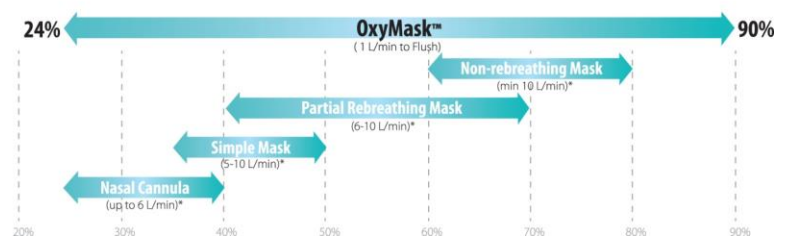


- Oxy₂Mask™ is a highly efficient 'open' mask system that eliminates the need for a closed mask, valves and reservoirs

- ✓ Oxygen delivery is achieved through an evolved mushroom shaped disc + diffuser system designed to concentrate and redirect the flow of oxygen to the patient's airway:

- Oxygen enters the system through a right-angled swivel at the front of the mask.
- The mushroom-shaped disc redirects the flow of oxygen, forming an organized pattern of vortices and a cloud of concentrated oxygen molecules within the diffuser
- The triangular directional diffuser refines the shape of the oxygen vortices and intentionally directs oxygen flow towards the patient's nose and mouth through 4 ports
- 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 FiO₂, Oxy₂Mask's open technology replaces traditional oxygen interfaces



* AARC Clinical Practice Guideline
Reprinted from RESPIRATORY CARE
(Respir Care 2002; 47(6):717-720)

- Patient benefits:

- ✓ Reduced feelings of claustrophobia
- ✓ Increased communication
- ✓ Improved accessibility for oral and nasal care
- ✓ All of which improve patient comfort and therefore compliance with their oxygen therapy

- Clinician benefits:

- ✓ Mask openings reduce the risk of re-breathing carbon dioxide and aspiration of emesis
- ✓ Allows for suctioning and nasogastric tube placement while maintaining continuous oxygen therapy
- ✓ Clinician time saving efficiencies by replacing time-consuming and multiple error-prone device exchanges with a single, easy-to-adjust mask

- Operational Efficiencies
 - ✓ Reduced overall product cost; less to purchase, stock, maintain
 - ✓ Reduces medical waste and product clutter
 - ✓ Oxy₂Mask™ is not made with natural rubber latex or phthalates such as DEHP
- Oxy₂Mask™ family of products
 - ✓ Oxy₂Mask™; fits 80% of adult patients
 - ✓ Oxy₂Mask™ 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
 - ✓ Oxy₂Mask™ Kid: for children 3 to 10 years old, or within the weight range of 33 to 70 lbs. / 15 to 32 kgs.
 - ✓ Oxy₂Mask™ Tyke: for patients 6 months to 3 years old, who are 16 to 33 lbs / 7 to 15 kgs
 - Delivers 22 to 65% oxygen, while using flow rates from .25 to 5+ litres per minute.
- To place the mask on the patient:
 - ✓ Remove the Oxy₂Mask™ from the packaging
 - ✓ Recycle or discard the insert inside the mask
 - ✓ Gently rotate the swivel elbow to release and achieve desired position
 - ✓ Attach the universal connector at the end of the mask tubing to an oxygen source
 - ✓ Place the mask on the patients face
- Proper Fit:
 - ✓ An appropriately sized Oxy₂Mask™ 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
- Continuous O₂ therapy
 - ✓ Adjust the oxygen flow from 1 to 15+ liters per minute to flush to achieve prescribed patient oxygen saturation or oxygen flow rate
 - ✓ The tubing on the mask can be adjusted at the swivel to relieve any twist or torque
 - ✓ Allow the patient to stabilize and assess
 - ✓ If necessary, adjust oxygen flow rate, to achieve or maintain the prescribed oxygen saturation
- Oxy₂Mask™ is your one mask for patient safety, patient comfort and oxygen therapy compliance

