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***NuMask CPR Kit Training Presentation***

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# *NuMask CPR Kit Training Presentation*



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# NuMask CPR Kit

NuMask offers three CPR kits:

Basic, Hard Case, and Zippered Case.

The basic kit includes a CPR IntraOral Mask (IOM®) with one-way filtered valve and instruction guide, packaged in a poly bag.

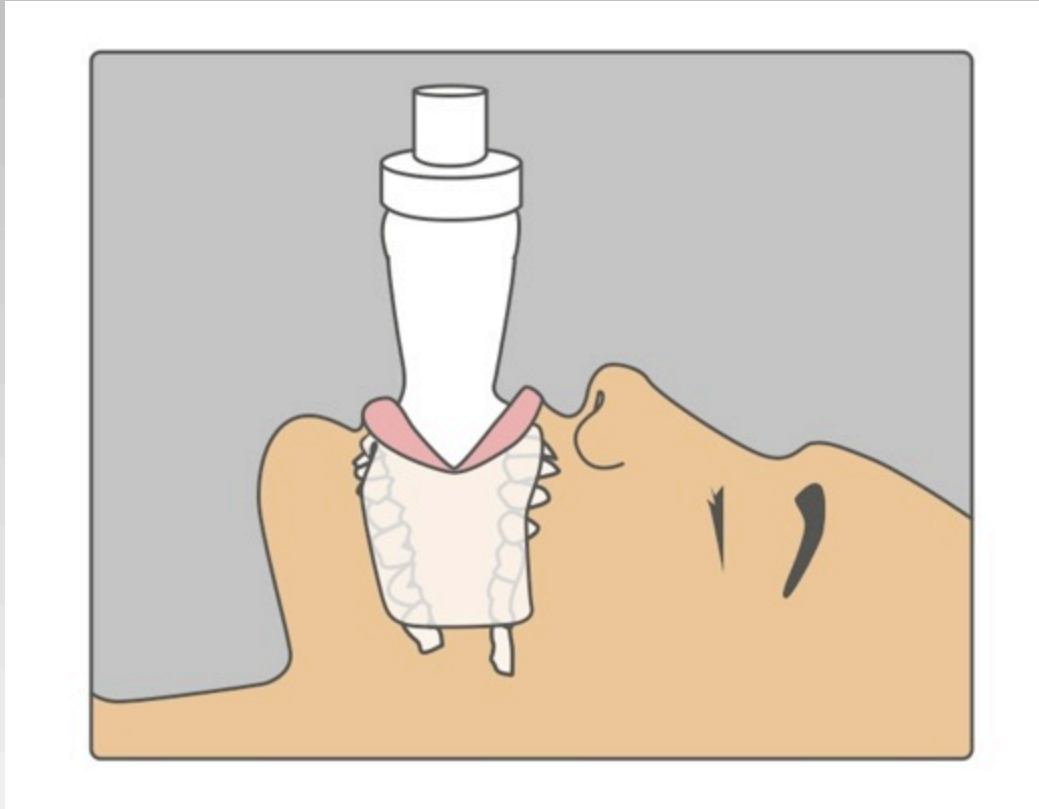
The hard plastic case and ultra-compact zippered case kits both include the same contents: CPR IntraOral Mask (IOM®) with one-way filtered valve, premium nitrile gloves, wipe, and instruction guide packaged in their respective cases.



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## ***CPR IOM® Placement***

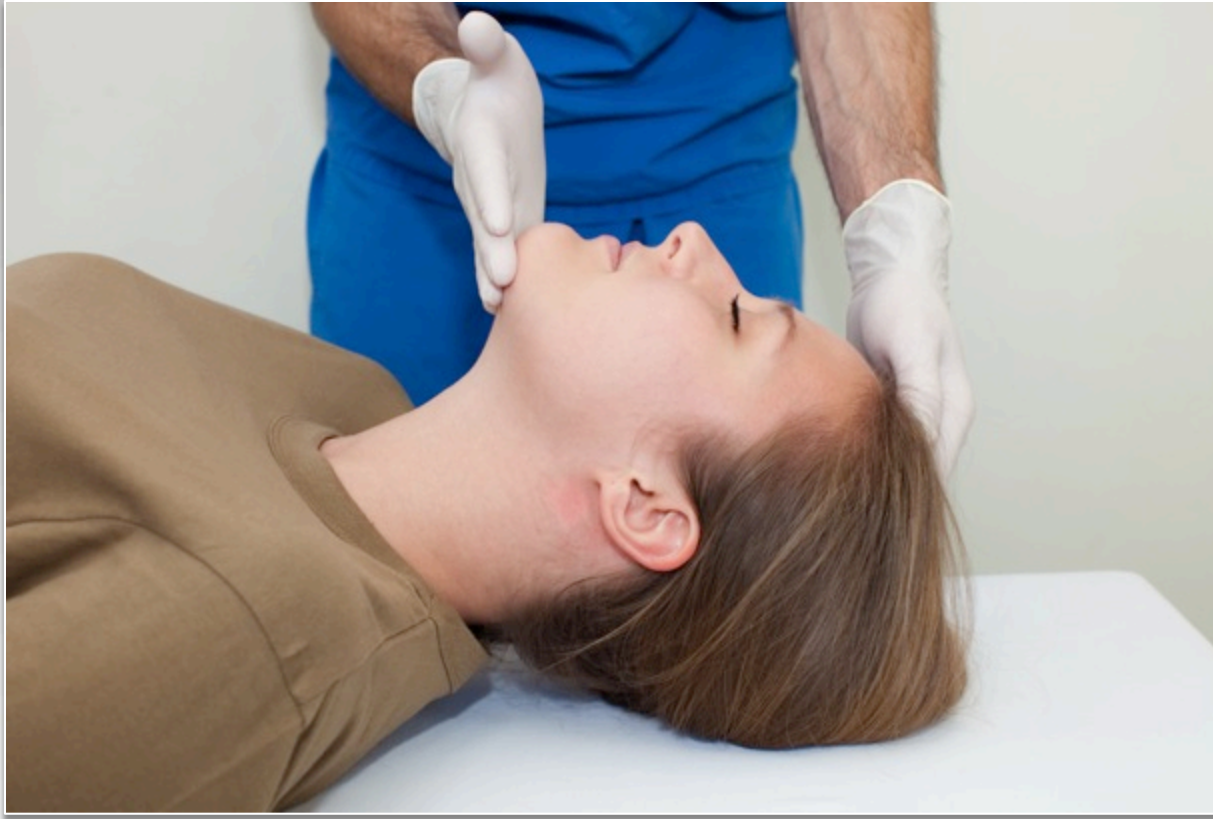
***NuMask CPR IOM® properly placed.***



**The IOM is placed in the mouth, behind the lips, but in front of the teeth.**

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## *CPR IOM® Placement*



- If not contraindicated, the victim should be placed in a head tilt/chin lift position.

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## *CPR IOM® Placement*



- The IOM should be inserted with the deep frenulum notch and NuMask label facing up in most victims with a normal overbite. The mask may be inverted in victims with a severe underbite.
- If dentures are present and secure, they should be left in place.

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## *CPR IOM® Placement*



**Elevate lateral edge of the lips and slide in one flap of the IOM.**

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## *CPR IOM® Placement*

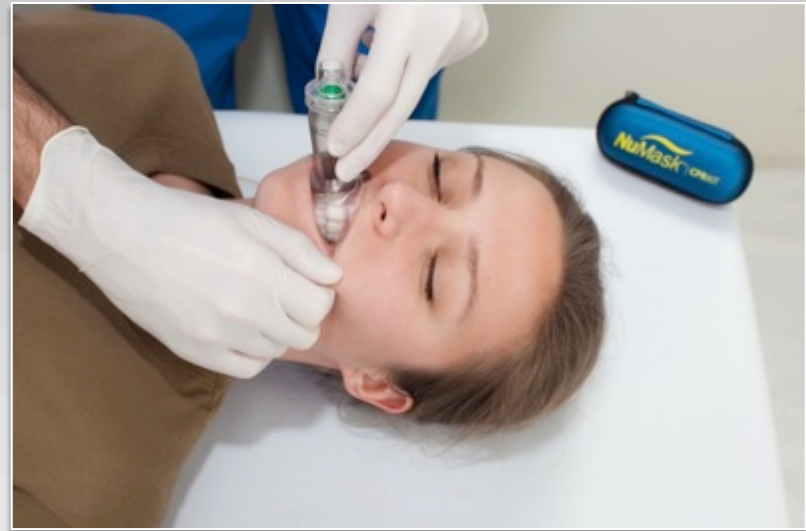
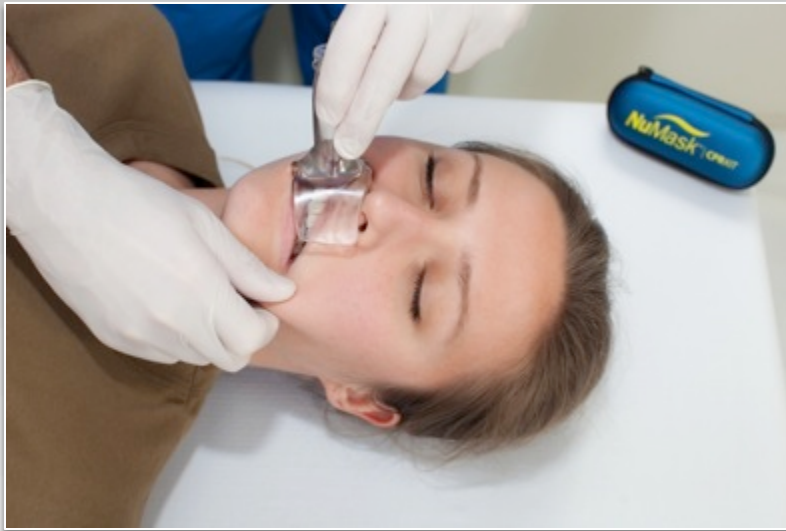


**Initial flap of IOM inserted and pushed to the side.**

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## CPR IOM® Placement

*Grasp and elevate the other side of lips to insert remainder of IOM.*



Alternative finger sweep technique available (recommended only for trained medical providers).  
See IOM/OPA instructions for full description.

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## *CPR IOM® Placement*



**Manipulation of IOM to improve seat (gently slide side-to-side / up and down).**

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# *CPR IOM® Placement*

*CPR IOM in place.*



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# *Standard CPR Hand Grip*

*(Rescuer at side of victim)*



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# *Standard CPR Hand Grip*

*(Rescuer at side of victim)*

This grip is performed by cradling the victim's chin with the palm, applying light pressure over the lips, and pulling them into the stem of the mask by bringing the fingers together. The 5<sup>th</sup> finger of this hand may be placed under the jaw line for additional jaw thrust/control. The other hand is used to close the nose by pinching it between thumb and index fingers.



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# Standard CPR Hand Grip

(Rescuer at side of victim)



The action consists of pulling tissue from the lips and face into the mask stem, rather than applying downward pressure.

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# *Standard CPR Hand Grip*

*(Rescuer at side of victim)*



The process and positioning in this grip is quite similar to mouth-to-mouth breathing.  
This means it is easier to learn and remember.

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## *Pediatric CPR Hand Grip*

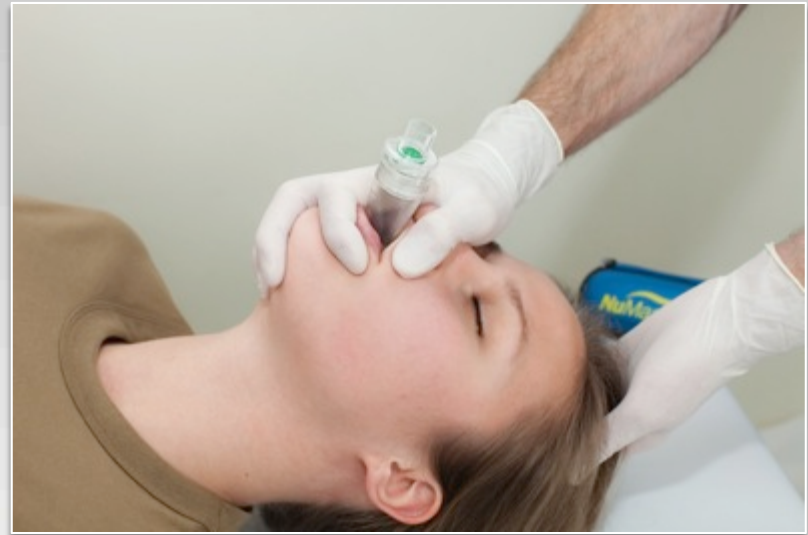
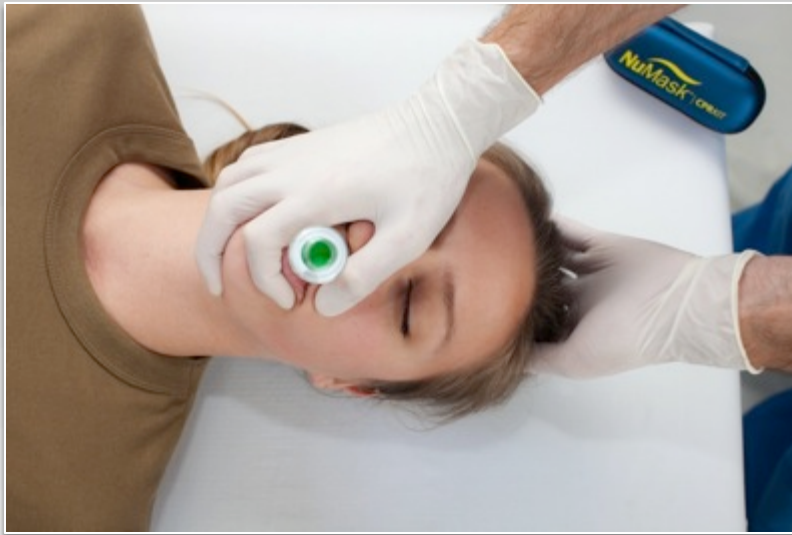


**For pediatric and infant patients, simply place the IOM over the outside of the patient's lips with the patient's mouth open and apply the standard CPR grip.**

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# *Advanced CPR Hand Grip – “Modified CE”*

*(Rescuer at head of victim)*



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# ***Advanced CPR Hand Grip – “Modified CE”***

***(Rescuer at head of victim)***



**Lay the hand flat onto the face with the stem of the IOM and victim's nose positioned between the thumb and index finger. Then wrap the rest of the hand and fingers around the jaw. These fingers may be used to provide jaw thrust.**

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## ***Advanced CPR Hand Grip – “Modified CE”*** ***(Rescuer at head of victim)***



**Gently squeeze the lips and mouth around the stem while applying gentle, symmetric, downward pressure to obtain seal.**

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## *Advanced CPR Hand Grip – “Modified CE”*

*(Rescuer at head of victim)*



The nose is pinched between the base of the thumb and index finger as pictured.

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# *Rescue Breaths*

*(Rescuer at side of patient)*



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# *Rescue Breaths - Pediatric*

*(Rescuer at side of patient)*



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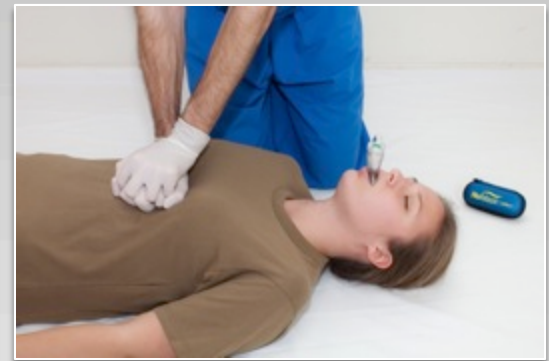
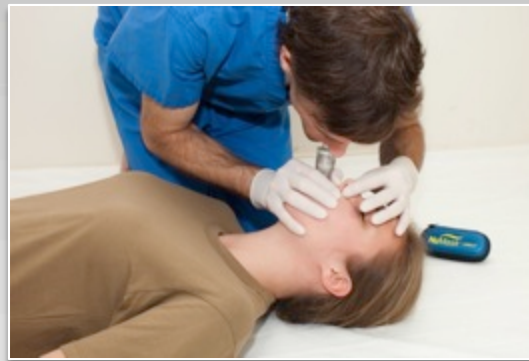
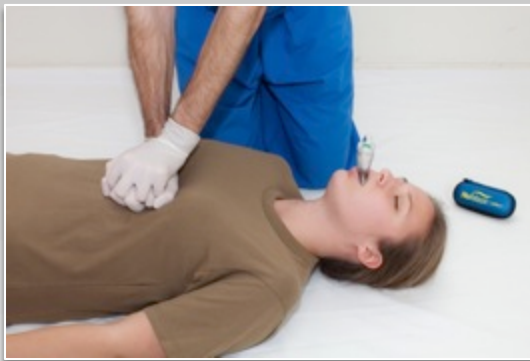
# *Rescue Breaths*

*Modified "CE" Grip - Rescuer at head of victim*



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# CPR



The IOM should be left in place during compressions, allowing for a quick transition between rescue breathing and compression cycles.

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## FAQs

### When using a hand grip, what do I do if the seal at the lips is leaking?

- If the seal is leaking, relax your grip slightly by opening your hand. Then reapply the grip while pulling in a larger amount of the patient's lips and cheeks towards the mask. This may require closing the mouth a little if it's open too wide. This action increases the amount of tissue applied against the IOM flanges and stem to increase the sealing capability. The solution is not necessarily to increase the pressure applied.



## FAQs

### What do I do if my hand grip is slipping?

- If the patient's face is slippery due to emesis/oil, use the finger/fingers under the jaw line to help anchor the grip, and apply a small amount of additional downward pressure over the lips and nose.



## FAQs

### Are there different CPR IOM sizes?

- No, the CPR IOM will normally accommodate all adults, and children in whom the mask comfortably fits in their closed mouths. In children with smaller mouths the CPR IOM may be applied to the outside of their lips as demonstrated in the NuMask CPR Training Presentation.



## FAQs

### How do I detect secretions, emesis, or blood when using the CPR IOM?

- The IOM is transparent with a highly polished finish at the base of the stem to allow for easy visualization of the OPA and any secretions or bodily fluids. It should be promptly removed if there is any risk of aspiration.



## FAQs

### What do I do if the patient vomits with the CPR IOM in place?

- Remove the CPR IOM, suction/clear emesis from the airway, wipe emesis from the patient's face, then replace the CPR IOM and resume ventilation.

If the face is slippery due to emesis, use the finger/fingers under the jaw line to help anchor the grip, and apply a small amount of additional downward pressure to the lips and nose.



## FAQs

### Do I need to be in one particular position to ventilate with the CPR IOM?

- No, the characteristics of the CPR IOM allow for ventilation in multiple rescuer and victim positions, including victims on their sides or upright. The various NuMask grips allow the rescuer to be comfortably positioned at either the head of the victim or at the side, depending on the situation and grip used.

### Can the CPR IOM be used with a bag valve resuscitator?

- Yes, the standard bag valve resuscitator fitting will connect directly to either the CPR IOM valve, or to the IOM with valve removed.



## FAQs

### What is the ideal single-rescuer position when using the CPR IOM?

- For single-rescuer CPR, the side-of-victim position is ideal because there is no need to reposition between compressions and rescue breaths. The IOM should be left in place during compressions to further speed transition between compressions and rescue breaths.



## FAQs

### What are the ideal 2-rescuer positions when using the CPR IOM?

- For 2-rescuer CPR, the side-of-victim position is ideal for both rescuers (on opposite sides of victim) because there is no need to reposition when changing compressor role. The IOM should be left in place throughout CPR to further speed the transitions.

### Can I use the CPR IOM on a child or infant victim?

- Yes, the CPR IOM rests on the outside of the victim's lips with the victim's mouth open and the standard CPR grip is applied.



## **FAQs**

### **Can I use the CPR IOM in patients with no teeth or dentures?**

- Yes, the CPR IOM can still be used as effectively as in victims with teeth. The seal may be enhanced by pulling back gently on the CPR IOM while applying the grip.

### **Can the CPR IOM be used in those with dentures?**

- Yes, it is best to leave them in place if they are securely affixed, and the CPR IOM can be inserted as usual. If dentures are loose, they should be removed first.



## FAQs

### Will the CPR IOM fit those with underbites?

- Yes, the CPR IOM can accommodate patients with marked underbites by inverting the mask prior to insertion.

### Can the CPR IOM cause any injuries, and if so, what should I do?

- The IOM is made of soft, pliable material without sharp edges but care must still be used with insertion and use. If injuries occur they must be reported via your institutional mechanism to our QI/QC department.



## FAQs

### Can the CPR IOM be used in patients with latex allergies?

- Yes, the product does not contain latex.

### Is the CPR IOM reusable?

- No, the product is a one-time use disposable devices. They need to be properly disposed of after use or after being opened. The materials are NOT designed to tolerate an autoclave or chemical sterilization.



## *Contact Information*

**For more information, please contact us at:**

- NuMask, Inc. | 6320 Canoga Ave, Ste 1500  
Woodland Hills | CA, 91367
- Phone | 866-NuMask1 (866.686.2751)
- Fax | 818.227.5099
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- Web | [www.numask.com](http://www.numask.com)

***You may contact us 24 hours a day.***

