

BAG-VALVE-MASK VENTILATION (BVM)

WARNING! All ventilation skills must be practiced on a manikin intended for CPR practice (Resusci-Annie, Recording-Annie etc.). Other manikins such as intubation heads etc. are unacceptable because they may be ventilated regardless of the head/jaw position. CPR manikins realistically simulate the difficulties of airway maintenance and ventilation.

- Take Body Substance Isolation precautions.
- Open the airway, insert an airway adjunct, and select the appropriate size mask.
While positioned at the top of the patient's head, open the airway using the head-tilt/chin-lift maneuver or the jaw-thrust maneuver. Insert the appropriate sized airway adjunct. Choose the appropriate size mask for the patient. The mask should be transparent with an air cushion that rests against the patient's face.
- Hold the mask position.
Place the mask over the patient's face assuring the top of the mask is over the bridge of the nose and the bottom is in the groove between the lower lip and the chin. Using the "OK" hand position, with both hands, manually open the airway and maintain the mask seal.
- Connect the bag to the mask
If you haven't already done so, attach the bag-valve unit to the mask.
- Ventilate the patient
Squeeze the entire bag over 1-2 seconds and then release the bag. Each ventilation must be a minimum of 800cc. Assure appropriate chest rise during ventilations. Continue to ventilate the patient for 30 seconds prior to attaching the oxygen.
- Attach the oxygen
Assemble the oxygen tank and regulator if not already completed. Attach oxygen tubing to the regulator and to the BVM's reservoir. Turn on the oxygen and adjust the regulator to 15 liters per minute. Allow the reservoir to fill with oxygen prior to the first ventilation.
- Reposition patient and begin artificial ventilations.
As completed earlier, open the airway, place mask over the patient's face, continue with proper mask/face seal, and begin ventilations.

VENTILATE THE PATIENT WITH A PARTNER

Each ventilation must be a minimum of 800cc. This procedure must be practiced with a second rescuer. Switch off who controls the airway and mask with the student who ventilates. One student will maintain a mask seal using both hands while maintaining an open airway. The other student will ventilate the patient by collapsing the bag on the BVM fully with both hands.

VENTILATION OF A PATIENT WITH SUSPECTED SPINAL INJURY

This procedure should be used on any patient requiring ventilation with evidence of blunt trauma from the clavicles to the head. If only one rescuer is available for ventilation, the pocket mask must be used. If two rescuers are available for ventilation, a BVM should be used. It is mandatory that two hands be used on the mask and that the jaw-thrust is used.