



# Bag Valve Mask

EMT-Basic

Advanced EMT

Paramedic

## PROCEDURE

- ❑ Position airway into the sniffing position (external auditory meatus at the same elevation as the jugular notch)
  - Children under 2 with large occiputs will need padding behind the shoulders to prevent neck flexion
- ❑ Use airway adjuncts (OPA and 2 NPAs) to help maintain airway and make BVM ventilations more effective
- ❑ For best seal, use 2 person/2 thumbs up technique for ventilations with BVM
- ❑ Lift the angle of the jaw into the mask to provide an adequate seal
- ❑ Consider in-line capnography to assess patient's EtCO<sub>2</sub> prior to airway intervention (Normal EtCO<sub>2</sub> is 35-45 mmHg)

### Ventilation rates

- 10-12/minute - Adults and adolescents
- 20/minute - Children 1 year old to puberty
- 30/minute - Infant and neonates
- 40/minute - Newborn

## CLARIFIED PEDI/INFANT/NEWBORN VENTILATION RATES

## REFERENCE GRAPHICS

2-Handed Technique



E-C Clamp Technique



## KEY POINTS

- To assist respirations in a patient whose respiratory effort is absent or inadequate
- Does not prevent aspiration
- Can be challenging to maintain mask to face seal
- Adjuncts (OPA/NPA) should always be used unless contraindicated
- Maintain neutral, inline C-Spine when indicated

### MOANS-F

#### (predictors of difficult BVM)

- Mask seal possible?
- Obesity/obstruction
- Age > 55 years
- No teeth
- Stiff lungs
- Facial Hair

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Revision Date: Apr 2024