

Houston Fire Department Airway Filter Guideline

Background:

In-line airway filters significantly reduce the transmission of pathogens during airway procedures. When available, airway filters should be used in order to decrease the risk of personnel exposure to infectious disease. These filters are in limited supply and should be reserved for patients that require manual ventilation with a bag valve mask, i-gel supraglottic airway, or endotracheal tube.

Procedure:

1. Connect the in-line airway filter directly to the face mask (Image 1), i-Gel device (Image 2), or endotracheal tube (Image 3) *before* ventilating the patient.
2. When end tidal capnography is available, connect the end tidal monitor between the in-line airway filter and bag valve mask, (Images 3 and 4).

Reference Images:



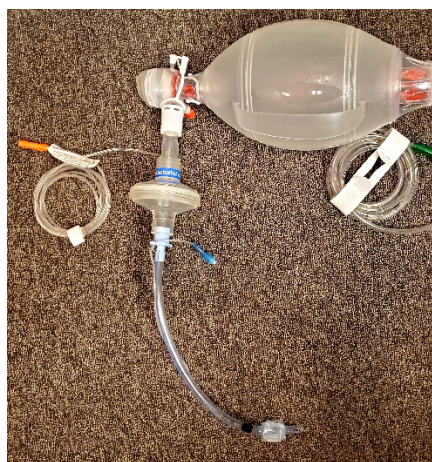
1.



2.



3.



4.