Capnography

Clinical Applications Include:

- ❖ **Monitoring CO2 during respiration is noninvasive and easy to do.**
- ❖ **Can be done via a nasal cannula or inline with a ventilator/resuscitation bag.**
- ❖ **Can be used during codes to assess ventilation and perfusion**

Ventilator or Bag Adapter

End Tidal CO2 Cannula

G5 Adapter

G5 Ventilator

Philips Intellivue

Clinical Applications Include:

- ❖ **Evaluating effectiveness of lung recruitment maneuvers**
- ❖ **PEEP Management**
- ❖ **Presence of obstructive lung disease**
- ❖ **Early signs of ARDS**
- ❖ **Pulmonary Embolism**
- ❖ **Hemorrhagic shock**

WVU Critical Care & Trauma Institute