

COMFORT

- Start at the lower end of pressures and place the mask on the patient face without securing it
- Allow them to take a few breaths at the low pressure to acclimatize to the feeling then attach the straps
- Increase pressure to achieve therapy
- For patients with anxiety, consider empathetic conversation and anti anxiety medication
- Consider a barrier device for skin breakdown

FIO2

- Titrate this according to SpO2 goals.

PEEP

- Minimum 5 to 6 (MAX 10 cmH2O)
- Titrate according to SpO2 goals
- Look at your Xray - if the patient is under inflated consider increasing PEEP
- Be cautious of your Blood Pressure
- Increase your IPAP or PS when you increase your PEEP

VENTILATION

- Focus on your patient's WOB, RR, and Tidal Volume
- Titrate IPAP or PS up every 5 -15 minutes if there is:
 - Persistent WOB
 - High RR
 - Low Tidal Volume
 - Target 6-8 ml/Kg of IBW
- Over ventilation can lead to
 - Volutrauma
 - Gastric insufflation
 - Mask leak

NIV TIPS

HUMIDITY

- MV > 10 LPM
- NIV > 24 hours
- Comfort
- Pneumonia

MANAGE THE UNDERLYING CAUSE

AECOPD

- Bronchodilators
- Steroids
- Pressure Support
- Oxygenate

Asthma exacerbation

- Bronchodilators
- Pressure Support

Congestive Heart Failure

- Diuretic therapy
- PEEP
- Urine output monitoring
- Oxygenate
- Manage BP