

NIPPV Inpatient Order Optimization

SBAR

Situation

Ordering inpatient NIPPV (CPAP, BiPAP) is complex, and involves multiple different orders, which leads to confusion and inefficiencies. The existing orders currently provide minimal insight other relevant details for NIPPV utilization in the inpatient setting. There is also limited ability to identify inpatients using NIPPV for acute vs chronic reasons currently.

Background

NIPPV orders and policies have evolved as the health system has evolved, which has led to the opportunity to streamline and standardize.

Assessment

Consolidating Inpatient NIPPV orders into a single order panel with enhanced details and clinical decision support, while minimizing additional burden to ordering providers, will be beneficial for patient care and management.

Recommendation

On January 12th, inpatient NIPPV orders for adult and pediatric patients will be consolidated across YNHHS into a single order panel. The orders within this order panel will allow for greater patient safety, as well as understanding of resource utilization. Presets have been added as able to minimize burden to providers, and decrease variation. Recommended COVID testing for patients on NIPPV has also been included. As NIPPV is identified as an aerosol generating procedure, it is recommended that patients receive routine COVID screening while using NIPPV in the hospital. COVID screening orders can be discontinued when NIPPV is no longer being used in the hospital.

Non-Invasive Positive-Pressure Ventilation (Adults/Pediatrics) Accept

- Non-Invasive Positive-Pressure Ventilation (Adult)
 - Acute Respiratory Failure (Adult)
 - BIPAP (Adult) for Acute Respiratory Failure
 - CPAP (Adult) for Acute Respiratory Failure
 - Sleep Apnea or Chronic Respiratory Failure (Adult)
 - Non-Invasive Positive-Pressure Ventilation (Pediatric)

Next Required Accept



YNHHS NIPPV
Guideline--9_30_20.i