

Patient name:
D.O.B:
Hospital #:

Adult Acute Non- Invasive Ventilation (NIV) Care Bundle

Trust logo

This care bundle describes six actions to ensure the best clinical outcome for patients treated with acute NIV. The aim is to ensure patient safety with accurate identification of patients who would benefit from NIV treatment, appropriate escalation planning, timely initiation of NIV in a safe area, and assessment of response to treatment.

1. Ensure that NIV is indicated

Does the patient have an acute respiratory acidosis (pH <7.35, PaCO₂ >6.5 kPa) Yes No

AND

An evidenced based indication (i.e. COPD, neuromuscular disease, obesity hypoventilation) Yes No

Signature

2. Discuss and document ceiling of treatment prior to starting NIV

Treatment escalation plan complete? Yes No If no, document reason _____

Resuscitation status documented? Yes No If no, document reason _____

Signature

3. Start NIV in a trust agreed area

Is patient in a designated NIV area? Yes No

If no, has transfer been arranged? Yes No Time of transfer: _____

Signature

4. Start NIV within 60 minutes of the decision to treat with NIV

Time of decision: _____

Time of starting treatment: _____

Signature

5. Ensure adequate pressures used

Start with IPAP 15 and EPAP 5 Yes No If no, document reason _____

Increase IPAP within 30 minutes, target IPAP 20 Yes No If no, document reason _____

Signature

6. Perform blood gas within 2 hours of starting NIV

Improvement in pH and PaCO₂? Yes No

If no,

Ventilator adjusted (including pressures and mask fit)? Yes No If no, document reason _____

Specialist review within 30 minutes? Yes No If no, document reason _____

Signature