



# Humana NIV Checklist

Patient: \_\_\_\_\_ DOB: \_\_\_\_\_

## All Patients:

Absence of Contraindications: Confusion or altered mental status; OR Drowsiness or loss of consciousness; OR Excessive respiratory secretions (mucus production); OR Facial abnormalities/trauma; OR Hemodynamic instability; OR Nausea/vomiting; OR Presence of a tracheostomy; OR Respiratory arrest.

<b>COPD</b> <b>(Either box 1 or box 2, plus box 3)</b>	<b>Yes</b>	<b>No</b>
1. Absence of clinical evidence of OSA/central sleep apnea (CSA) ** OR a previously negative polysomnogram (sleep study). Clinical evidence of OSA may include excessive daytime sleepiness (eg, inability to remain fully awake or alert) despite a full night's sleep, nonrestorative sleep (waking up from sleep without feeling rested), bed partner reports loud snoring, gasping, choking, snorting or interruptions in breathing while sleeping.		
2. <b>OR</b> The patient has COPD with OSA, and traditional positive airway pressure devices have failed to improve hypercapnia or oxygen saturation level		
3. <b>AND</b> Chronic hypercapnia with PaCO <sub>2</sub> greater than or equal to 52 mmHg		

<b>Neuromuscular Disease with Respiratory Insufficiency</b> <b>(Any one box)</b>	<b>Yes</b>	<b>No</b>
1. Nocturnal oximetry less than or equal to 88% for 5 consecutive minutes		
2. <b>OR</b> Arterial PaCO <sub>2</sub> greater than or equal to 45 mmHg		
3. <b>OR</b> Forced vital capacity less than 50% predicted		
4. <b>OR</b> Maximum inspiratory pressure less than 60 cm H <sub>2</sub> O		

<b>Obesity Hypoventilation Syndrome</b> <b>(Must check all boxes)</b>	<b>Yes</b>	<b>No</b>
1. BMI greater than 30		
2. <b>AND</b> daytime hypercapnia with PaCO <sub>2</sub> greater than or equal to 45 mmHg		
3. <b>AND</b> A polysomnogram ruling out OSA/CSA		

<b>Restrictive Thoracic Cage Abnormalities</b> <b>(Box 1 with either box 2 or 3)</b>	<b>Yes</b>	<b>No</b>
1. Absence of clinical evidence of OSA/CSA or previous negative polysomnogram		
2. Hypercapnia with PaCO <sub>2</sub> greater than or equal to 45 mmHg		
3. <b>OR</b> Oxygen saturation less than or equal to 88% for 5 consecutive minutes during nocturnal oximetry		