

Improving dry mouth and patient satisfaction with non-invasive ventilation (NIV)-compatible oral care kit

ReddyPort® NIV Maintenance clinical case review

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Background

A 60 year-old male with history of severe chronic obstructive pulmonary disease (COPD), presented with acute on chronic hypoxic and hypercapnic respiratory failure secondary to COPD exacerbation. On admission, his respiratory rate was 42 breaths/min. with 80% SpO₂ on 100% oxygen and PaCO₂ of 101 mm Hg (pH-7.1). His code status was do not resuscitate/do not intubate (DNR/DNI). He was placed on non-invasive ventilation (NIV). Respiratory distress and PaCO₂ improved. However, dry mouth and discomfort necessitated frequent removal of mask for water sips. Each time the ventilation mask was removed, his oxygenation deteriorated.

Intervention

ReddyPort® Elbow was attached to the NIV mask to facilitate oral care and provide frequent moisturization, without mask removal.

Result

The patient tolerated NIV with ReddyPort Elbow without difficulty. Oral care was provided every 4-6 hours using the ReddyPort Maintenance Kit. Moisturization with cold water was provided every hour and as needed, without removing the mask. He remained on NIV for 4 days and was eventually weaned back to his baseline requirement of 5 LPM oxygen via nasal canula. No complications were noted, especially aspiration, from the use of ReddyPort products. Patient expressed extreme satisfaction with the management of dry mouth and thirst. Compared to his prior ICU stays on NIV, the patient reported less anxiety and discomfort. Healthcare providers rated the ReddyPort products as simple and easy to use.



ReddyPort products being used to provide oral hygiene.

For more information call **801.899.3036**.

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