

ABSTRAK
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Implementasi *closed suction* dalam pencegahan *ventilator associated pneumonia* pada pasien dengan masalah gangguan ventilasi spontan di ruang ICU RSD Dr. Soebandi Jember

Xiv + 96 hal + 13 tabel + 4 lampiran + 1 singkatan dan istilah

Abstrak

Pendahuluan: *Ventilator Associated Pneumonia* (VAP) merupakan salah satu komplikasi serius yang sering terjadi pada pasien dengan ventilasi mekanik di ruang perawatan intensif. VAP meningkatkan risiko morbiditas, mortalitas, dan memperpanjang masa rawat di rumah sakit. Salah satu intervensi yang terbukti efektif dalam mencegah VAP adalah teknik *closed suction*, yaitu penghisapan sekret tanpa melepaskan koneksi ventilator untuk mempertahankan kebersihan jalan napas dan oksigenasi pasien. **Tujuan:** Penelitian ini bertujuan untuk menganalisis implementasi *closed suction* dalam pencegahan VAP pada pasien dengan gangguan ventilasi spontan di ruang ICU RSUD Dr. Soebandi Jember. **Metode:** Penelitian ini menggunakan pendekatan kualitatif dengan desain studi kasus pada tiga pasien yang menggunakan ventilasi mekanik selama ≥ 48 jam dan belum terdiagnosis *pneumonia*. Intervensi *closed suction* dilakukan satu kali sehari selama tiga hari berturut-turut, dan evaluasi dilakukan menggunakan skor CPIS serta indikator klinis lainnya. **Hasil:** penelitian menunjukkan bahwa terjadi penurunan skor CPIS dan perbaikan status klinis pasien, ditandai dengan penurunan jumlah sekret, peningkatan saturasi oksigen, dan normalisasi suhu tubuh. **Kesimpulan:** Temuan ini mengindikasikan bahwa implementasi *closed suction* secara rutin dan terstandar efektif dalam mencegah kejadian VAP dan meningkatkan kualitas asuhan keperawatan di ICU.

Kata Kunci: *Ventilator Associated Pneumonia*, *Closed Suction*, ICU, CPIS, Ventilasi Mekanik

ABSTRACT
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Implementation of closed suction in preventing ventilator-associated pneumonia in patients with spontaneous ventilation disorders in the ICU of Dr. Soebandi Regional Hospital, Jember

Xiv + 96 pages + 13 tables + 4 appendices + 1 Abbreviations and terms

Abstract

Introduction: Ventilator-Associated Pneumonia (VAP) is a serious complication that often occurs in patients with mechanical ventilation in intensive care units. VAP increases the risk of morbidity, mortality, and prolongs hospital stay. One intervention proven effective in preventing VAP is the closed suction technique, which is the suctioning of secretions without disconnecting the ventilator to maintain airway clearance and oxygenation. **Objective:** This study aims to analyze the implementation of closed suction in preventing VAP in patients with spontaneous ventilation disorders in the ICU of Dr. Soebandi Jember Regional Hospital. **Methods:** This study used a qualitative approach with a case study design in three patients who were on mechanical ventilation for ≥ 48 hours and had not been diagnosed with pneumonia. The closed suction intervention was performed once a day for three consecutive days, and evaluation was carried out using the CPIS score and other clinical indicators. **Result:** The results showed a decrease in the CPIS score and an improvement in the patient's clinical status, characterized by a decrease in the number of secretions, an increase in oxygen saturation, and a normalization of body temperature. **Conclusion:** These findings indicate that the routine and standardized implementation of closed suction is effective in preventing VAP and improving the quality of nursing care in the ICU.

Keywords: Ventilator-Associated Pneumonia, Closed Suction, ICU, CPIS, Mechanical Ventilation