

**THE APPLICATION OF DEEP SUCTION TO THE OXYGENATED  
SATURATION CHANGES TO THE TACTIET PATIENTS  
IN ICU PANDAN ARANG HOSPITAL AT BOYOLALI**

Aria Doma Qomariah<sup>1</sup>, Irma Mustikasari<sup>2</sup>

[ariadomaqomariah.students@aiska-university.ac.id](mailto:ariadomaqomariah.students@aiska-university.ac.id)

Fakultas Ilmu Kesehatan Universitas 'Aisyiyah Surakarta

**ABSTRACT**

**Background:** *endotracheal deep suction, which involves secretion over the edge of the endotracheal tube. As a result of suction, apart from oxygen desaturation, changes in the patient's hemodynamics can also occur due to suction as a stressor for the patient.*  
**Purpose:** *to apply deep suction to the application of the oxygenation changes to the fitted patients in icu pandan arang hospital at boyolali.*  
**Methods:** *application involves a descriptive case study method to 2 installed patients who experience a decrease in oxygen saturation.*  
**Results:** *according to the application, there was a development of the oxygen saturation rate on the patient that was fitted with the decline of oxygen saturation in the icu after the application of deep suction.*  
**Conclusion:** *deep suction may be used as one of the techniques to increase the oxygen saturation on installed patients that suffered the decline of the oxygen saturation.*

**Keyword:** *Endotracheal Tube (ETT), Deep Suction, Oxygen Saturation Rate*