Team Resource Management Strategy on Reducing Unplanned Extubation Events Rate of Endotracheal Tube
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ABSTRACT

Introduction

There are more then 80% patients who stay in Intensive Care Unit (ICU) to have to proceed endotracheal intubation treatment due to server respiratory failure. Unplanned removal of endotracheal tube during stay in ICU not only could prolong the treatment period and increase the length of stay in hospital but also threaten life.

Materials and Methods

The 20 cases who were suffered unplanned endotracheal tube removal in ICU in 2011 were under cause analyzing. The team resources management mode was utilized to build up certain interventions in order to improve this situation, such as leadership, situational monitoring, team supporting and communication.

Results

After engaging interventions from January 2012 to May 2013, the rate of unplanned endotracheal tube removal has decreased from 0.27% in 2011 to 0.14% in 2012 by 12 cases. This reached the study goal. This study not only applied the team resources management mode to prevent unplanned endotracheal tube removal which had achieved significant positive result, but also increased patients’ safety. Besides, positive negotiation climate in working place had established through management strategy.

Conclusion

This study not only applied the team resources management mode to prevent unplanned endotracheal tube removal which had achieved significant positive result, but also increased patients’ safety. Besides, positive negotiation climate in working place had established through management strategy.