

# 23<sup>rd</sup> World Nursing and Healthcare Conference

July 10-12, 2017 Berlin, Germany

## Reducing rate of unplanned extubation of endotracheal tube in intensive care unit

**KuoYa-Fen**

National Taiwan University Hospital, Taiwan

Extubation of endotracheal tube in ICU is one of the dangerous medical accidents. Endotracheal tube is an important device in respirators that sustain the respiration of patients. If endotracheal tube extubate, patients will be under the risk of hypoxia and may lead to the extension in the in-hospitalization time period, which increases medical costs. The incidence rate of extubation of endotracheal tube was 2.3% during January through June in 2016. In order to improve the medical caring quality, programs were designed to collect data and to conduct investigations for finding out the reason for the slipping off of the inner tracheal. Team group were established to stipulate standardized medical caring measures, to edit pocket books, to throw in-service education and training for different units, to audit, and to review and analyze. After implementing measures, effectiveness evaluation was conducted in October and November. The occurrence rate for the extubation of endotracheal tube was decreased from 2.3% to 0%. With the setting of standard, educational promotion, and application of management techniques and team resources, colleagues can aggregate consensus for cooperation and notify each other in advance. Discussion after the incidences also promotes the communications of the team group.

### Biography

Kuo Ya Fen has done her Master's degree from Taiwan Graduate Institute of Medical Management, China; she works as a MICU Nurse at the National Taiwan University Hospital. She has experience working in Intensive Care Unit and was also elected as the Superior Nursing Head.

### Notes: