Using a multi-strategy to improve the familiarity with drugs position in the ambulance for nurses

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Background
According to Taiwan Joint Commission on Hospital Accreditation (JCT), the hospital evaluation benchmark (2.3.13) on 2018 pointed out that the first-aid measures for sudden emergency patients in the hospital were implemented. Therefore, all medical institutions in Taiwan have first aid. Most of the carts are locked with a seal lock. In addition to the emergency use for sudden critical patients, it can also reduce the frequency and time for each shift of the nurses. However, the physician reported that the nurses were unfamiliar with the location of the drugs in the ambulance, leading to an extension of the time taken for taking the drugs during the emergency.

Purpose
Through questionnaire survey, we analyzed the understanding of the correct position of the drugs in the ambulance for the nurses. Thereafter, base on the reasons for why the nurses were not familiar with the position of the drugs, we made the improvement strategy to facilitate the familiarity with the location of the drugs in the ambulance for the nurses.

Results
After implementing the improvement strategy, we investigate the accuracy of understanding the position of the drugs in the ambulance during July 23th, 2018 to July 27th, 2018. The correctness for 80 scores was 80%, 77.3% improvement than before.

Conclusion
This case used a multi-strategy to effectively improve the correctness of the nurses' placement of emergency medicines, and at the same time promote the strategy to the wards of the hospital. Thereby, it improved not only the familiarity with the emergency drugs for nurses but also the timeliness of the first-aid process.

Keyword
multi-strategy, drugs position, ambulance