

REDUCE THE INCIDENCE OF SELF-INJURY IN ACUTE PSYCHIATRIC PATIENTS

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INTRODUCTION

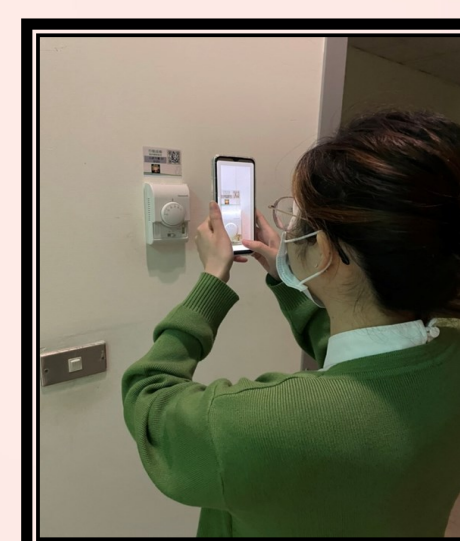
According to statistics, in 2021, the incidence of self-injury (requiring medical treatment) in the acute psychiatric ward of a teaching hospital in Taiwan is 0.03‰, and it will increase to 0.10‰ from January to September 2022. One of them is even more harmful to the patient's life safety. The purpose of this improvement project In order to reduce the incidence of self-injury in psychiatric wards to $\leq 0.05\%$, avoid prolonging the length of hospital stay and even death due to self-injury, which will also cause medical disputes and social burdens.

METHODS

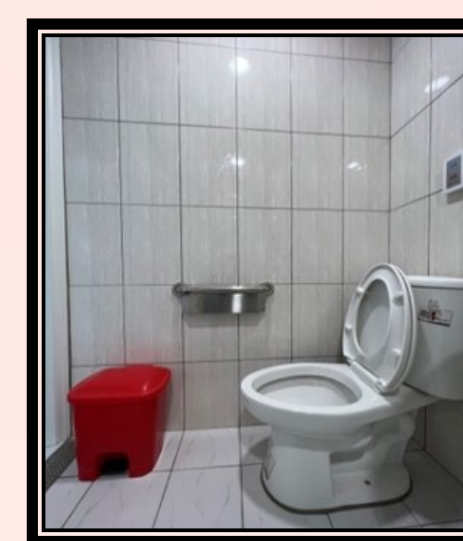
The project improvement will be carried out from October 1 to November 30, 2022. After investigation, it is found that the main reasons are: the ward round mechanism has not been implemented; the risk of items being entangled in the bathroom and toilet handrails; the safety inspection is not rigorous enough, and no dangerous clothing was found in the patient; the medical team During the activity, the patient's entry and exit were not properly controlled, and the dangerous items were not counted after the activity; the time of going to the toilet was not monitored; , to provide the medical team with an understanding of high-risk patients; use the alarm clock reminder function and the mobile ward ound inspection system to implement the ward round mechanism, and improve the proactive audit of the head nurse; inspect high-risk environmental facilities and improve bathroom and toilet handrails; the use time of the laundry room Control; add night vision monitors in wards; install toilet warning devices to detect patients' conditions early; publicize team members' awareness of dangerous goods, and implement safety inspection mechanisms during admission and activities.

RESULTS

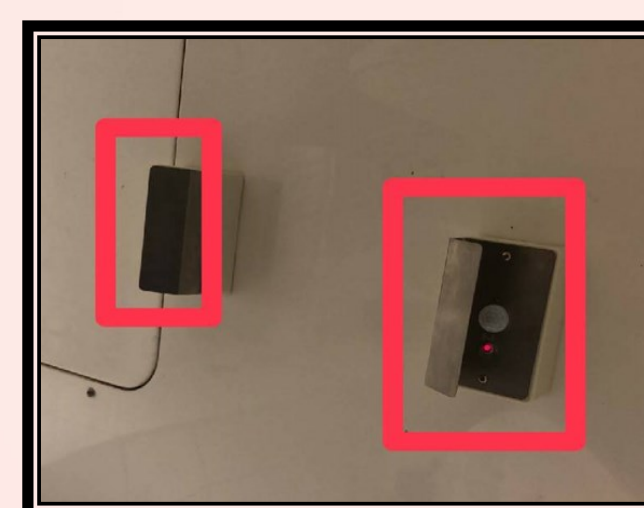
Through the information management of self-injury patient care index table, the mobile ward round inspection system is used to implement the ward round mechanism, replace the recessed handrails in bathrooms and toilets, control the use time of clothes drying rooms, replace old and new monitors in wards, and install toilets Warning devices, implementation of the safety inspection mechanism for admission and activities, statistics, from December 1, 2022 to January 15, 2023, the incidence of self-injury requiring medical treatment is 0‰, all of which are early intervention measures, without endangering the safety of patients.



行動查房巡檢系統



浴廁扶手裝置



廁所警示裝置



夜視功能監視器

CONCLUSION

Through the above measures, the patient's self-injury risk can be assessed in real time and environmental risk factors can be reduced. Through communication with the psychiatric teams, the patient's condition can be understood, and preventive nursing measures can be intervened as early as possible to reduce the occurrence of self-injury in patients. rate to improve the quality of care and reduce medical costs. During the improvement process, the team provides countermeasures for self-injury prevention through brainstorming. Through information system improvement and color management, the medical team can identify high-risk patients, improve the safety of patient care, and effectively reduce the incidence of self-injury.