



TO IMPROVE IN-HOSPITAL RESUSCITATION AT SURGICAL WARD BY APPLYING IMMERSIVE SITUATIONAL TEACHING STRATEGY

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Introduction

In-hospital resuscitation is crucial in the patient care at surgical ward to improve the outcomes of patients with postoperative complications. Clinical observation found that when the resuscitation treatment was carried out, the nursing staff needed to receive different orders from the doctor at the same time in the high pressure environment, the process was panic, hesitation, operation of resuscitation equipment were incorrect, and medical colleagues reported The unit's resuscitation process was chaotic, thus triggering the motive for this project. Therefore, we conduct this study to improve patient outcomes and quality of nursing practice, by applying a quality improving project. Before this study, the completeness of in hospital resuscitation in our team was only 68.1%. Percentage of correct response on resuscitation knowledge was 79.5%.

Methods

To improve patient outcomes and quality of nursing practice, we initiated this study to apply immersive situational teaching strategy to improve the completeness of in hospital resuscitation in our team. This quality improving project included standardization of resuscitation steps which were further facilitated by formatting mission allocation chart and colored reminding cards mimicking resuscitation devices. Regular in-job education courses were also set up by applying immersive situational teaching strategy.



Results

After implementing the project, resuscitation process can be completed in 95%. Accurate cognition of resuscitation practice can be achieved in 90%. These strategies effectively improved the completeness of in-hospital resuscitation. Our nursing staffs' overall cognition and familiarity were also ameliorated.

Conclusion

This quality improving project seems effective in terms of improved integrity of resuscitation. Correct cognition of resuscitation among our members was also improved. The immerse realistic teaching exercise can be recorded in video and put on the E-learning to improve accessibility. Hopefully, the quality and results of in-hospital resuscitation can be perfected by spreading these strategies among members in the hospital.

References

Zheng,Q.Q., Zhang,N.D., Lin,Y.L., He,L.H., Yu,W.B., Guo,H.M.(2017). A project to improve the integrity of first aid in the neurology ward. Chang Gung Nursing Care, 28(1), 85-99.