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Escape Room: Increasing Knowledge of Hypertensive Disorders in Pregnancy in New to Practice Emergency Department Nurses

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Abstract

Background/Objectives

Hypertensive disorders in pregnancy (HDP) are one of the leading causes of maternal morbidity and mortality. Nurses' ability to assess and intervene when these patients arrive to the emergency department (ED) is crucial. To this end, this author has created an escape room interactive learning activity to increase knowledge and critical thinking in new-to-practice (NTP) nurses in the ED.

Methods and Analysis

Utilizing a pretest/posttest design, the escape room will be one hour and implemented as part of the current ED bridge program. Participants, which will include the ED NTP nurses, will take a pretest following a previously developed lecture. They will then move through five stations that reflect the learning objectives before taking the posttest. Debriefing will be led by this author before providing the participants with an evaluation tool using a Likert scale.

Results/Findings

Scores will be plotted using an Excel spreadsheet and analyzed to determine means, medians, and changes between test scores. The evaluation tools will be analyzed to determine learner feedback regarding applicability of content to nursing practice, effectiveness of teaching strategies, perceived changes in knowledge, critical thinking, and teamwork, as well as learner satisfaction. The evaluation tools will also be reviewed by the project manager for learner comments to analyze for common themes. Expected results include increased posttest scores, increased learner satisfaction, and a learner report of increased critical thinking and teamwork, as has been supported in literature.

Conclusion/Implications

The hospital for which this author is implementing experiences patients with HDP three times more than any other perinatal complication. Increasing nursing knowledge and critical thinking

will not only save maternal and neonatal lives but also improve staff satisfaction and the health of the community at large.

Note: Implementation of project will occur after abstract submission but before the summit. Results and findings to be shared upon completion of the project.