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Assessment of medication and treatment administration barriers: Leading to monthly medication administration and treatment safety huddle

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The increasing incidence of medication variance is one of the most pressing concerns in the context of medication and treatment administration in the critical care unit of San Juan De Dios Educational Foundation Inc. (Hospital). The aim is to help the critical care nurses and increase safety parameters, an appropriate medication variance analyses must be proactively designed to address these concerns. The purpose of this study is to develop guidelines on Monthly Medication Administration and Treatment Safety Huddle (MATSH) after the identification of the criticality and impact of medication and treatment barriers. This study utilized the quantitative-descriptive-correlational research design. Purposive sampling was utilized and all 25 staff nurses participated in the survey. The respondents evaluated the criticality of the 14 statements that describe the different medication administration and treatment barriers in the Critical Care Unit. They have also determined the potential impact of these barriers as, P=wrong patient, T=wrong time or extra time, R=wrong route, M=wrong medication or drug and D=wrong dose. Findings revealed that there is a significant relationship ($p=0.003$) between the perceived criticality of the medication administration and treatment barriers and the perceived potential impact of the respondents. This means that the higher the perceived criticality on the medication administration and treatment barriers, the higher its potential impact or the criticality of the barriers influence its impact. Currently, the MATSH is being utilized in the Critical Care Unit of the hospital and it has leveraged the awareness on the medication and treatment barriers among the staff nurses.

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