

INTRODUCTION

Delirium is a common occurrence in the ICU, which affects 60-80% of mechanically-ventilated patients. Its effects include increased ventilator days, hospital length of stay, 6 month mortality rates, and costs.

- Despite the prevalence of delirium in the ICU, it often goes unrecognized. The Confusion Assessment Method for the Intensive Care Unit (CAM-ICU) is a reliable and validated delirium screening tool, specifically designed to assess mechanically-ventilated patients.
- A previous attempt at our facility to implement the CAM-ICU revealed barriers to implementation. Identifying barriers and the use of strategies to overcome these barriers appears to be essential to facilitate adoption of a practice change.
- **Rogers' Diffusion of Innovations Theory proposes that** knowledge, persuasion, decision, implementation and confirmation are the five stages in the innovation decision process. These steps can assist with the adoption of an evidence-based practice change.¹

Knowledge Gain a better understanding of the innovation² Persuasion Form a more positive opinion about the innovation³ Decision Accept or reject innovation³ Implementation Initial use of the innovation⁴ Confirmation Recognize the value & benefit of the innovation⁴

PURPOSE

To determine the effectiveness of Diffusion of Innovations Theory to facilitate adoption of an evidence-based practice change, the Confusion **Assessment Method for the Intensive Care Unit.**



Utilizing Diffusion of Innovations Theory to Implement An Evidence-Based Practice Change

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METHODS

This descriptive case study was conducted for 8 weeks in a different ICU within the facility. The participants were the 34 ICU RNs who provide care for mechanically-ventilated patients in the ICU. CAM-ICU assessments were expected to be performed at the beginning of each shift on every mechanically-ventilated patient.

Strategies, specific to each stage of the innovation decision process, were utilized to facilitate adoption of this practice change.

 KNOWLEDGE One hour RN inservices –D Booklets- Powerpoint & CA Manual Journal articles Physician & Resident education
 PERSUASION CAM Champions Nurse Manager & Clinical N support
 DECISION Weekly journal articles Weekly posters boards
 IMPLEMENTATION CAM-ICU worksheets on even CAM-ICU flowsheets on even CAM-ICU assessments even Weekly results- frequency of
 CONFIRMATION Feedback Final results Implications for future prace

Five Stages –Innovation Decision Process

Delirium & CAM-ICU AM-ICU Training

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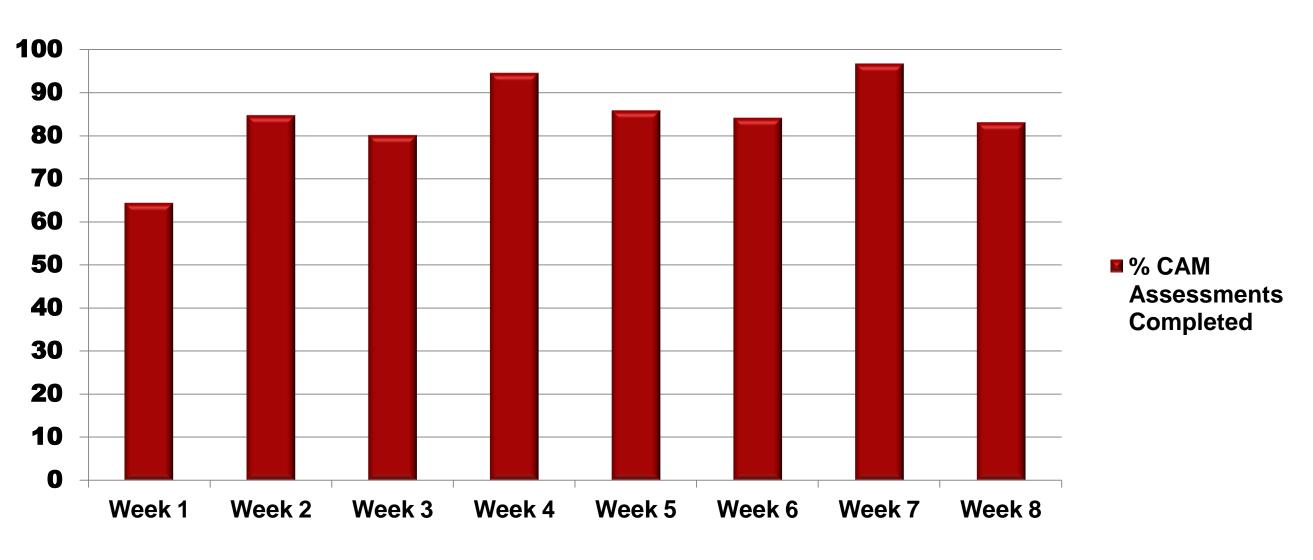
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RESULTS

Based on previous studies, the benchmark for successful implementation of the CAM-ICU was 80% ^{5,6}



CONCLUSIONS

- CAM-ICU.

Diffusion of Innovations Theory can be effective for facilitating an evidence-based practice change.

REFERENCES

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The frequency of CAM-ICU assessments was measured by determining how many assessments were expected to be performed and how many were performed. This was calculated as a percentage.

 159 of the 187 expected assessments were performed • Frequency of CAM-ICU assessments = 85% 38% of the completed assessments suggested delirium

Diffusion of Innovations Theory can be effective for guiding the process of implementing the CAM-ICU.

Identifying potential barriers and developing specific strategies to overcome these barriers, which are specific to each stage of the innovation decision process, can assist with promoting the use of the

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