

An Educational Intervention To Improve CAM-ICU Documentation

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An Educational Intervention To Improve CAM-ICU Documentation

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BACKGROUND

- Caring for a patient who is experiencing delirium is a stressful experience for a nurse
- Delirium is an acute brain dysfunction associated with altered consciousness and cognitive changes
- We noted inconsistent documentation of delirium assessment using the CAM-ICU which is the tool used to assess for delirium
- In discussion with staff we found that most accurately assessed the patient for delirium but the documentation did not accurately reflect the assessment.
- Knowing that the incidence of delirium in the ICU patient had been found to be as high as 80% we thought that an education intervention was appropriate.
- Proper assessment for delirium should result in better patient management and subsequently better patient outcome.

PICO QUESTION

In a 32 bed medical surgical ICU will the use of both formal and informal education efforts improve the accuracy of CAM-ICU?

P-Medical-Surgical ICU Patients

I- Education and Printed Reference

C-Current Practice

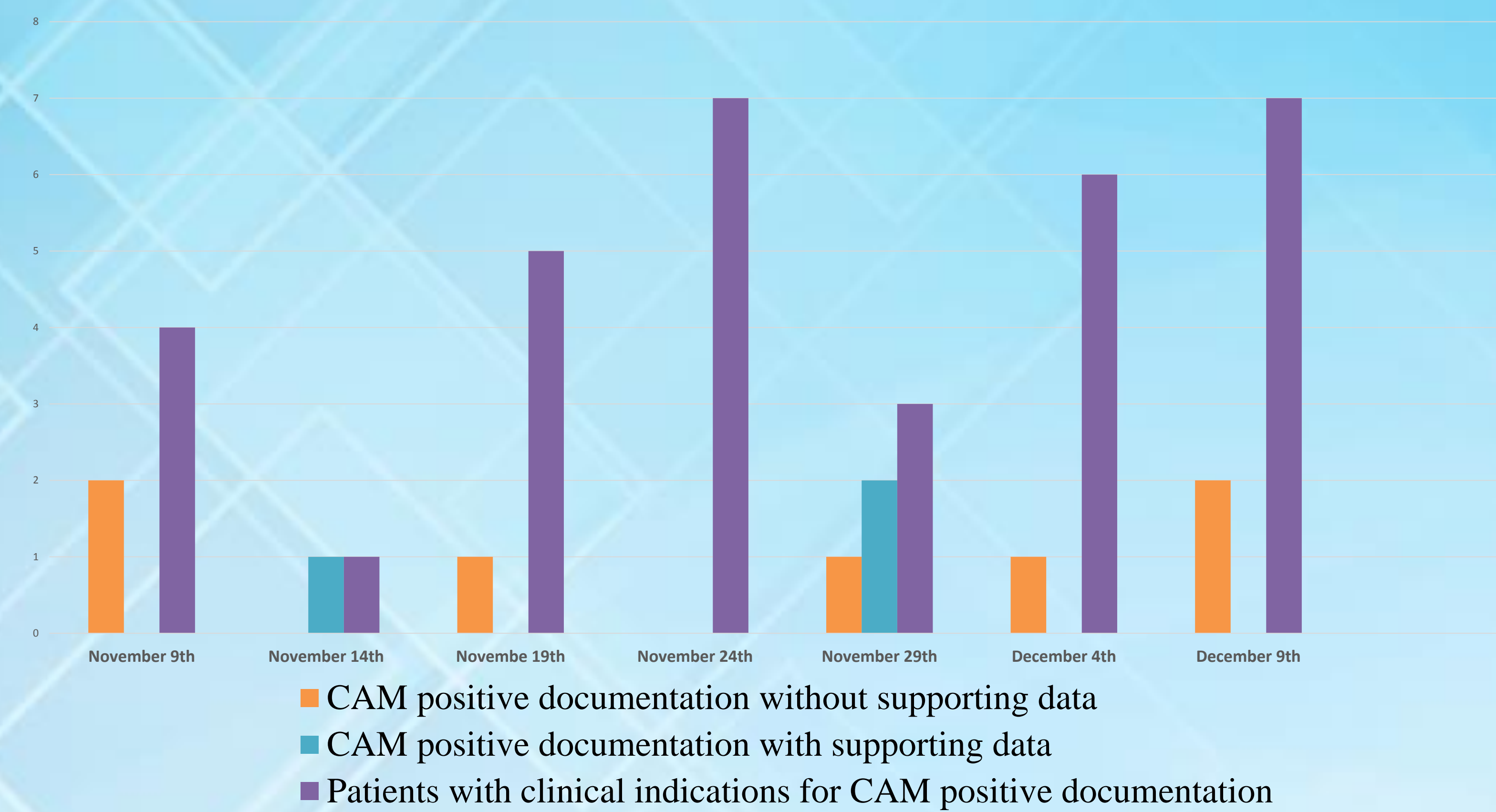
O-Improve Accuracy and Frequency of CAM-ICU Documentation

IMPLEMENTATION

- A brief (3 minute) video demonstration of the CAM-ICU assessment was reviewed with the RN staff
- Instructions on both the CAM-ICU and the RASS score were posted in each patient room.
- CAM-ICU documentation data was collected before the education and up to three weeks after the education.

EVIDENCE

Pre-Education CAM-ICU Chart Audit MSICU 2018



Post-Education CAM-ICU Chart Audit MSICU 2019

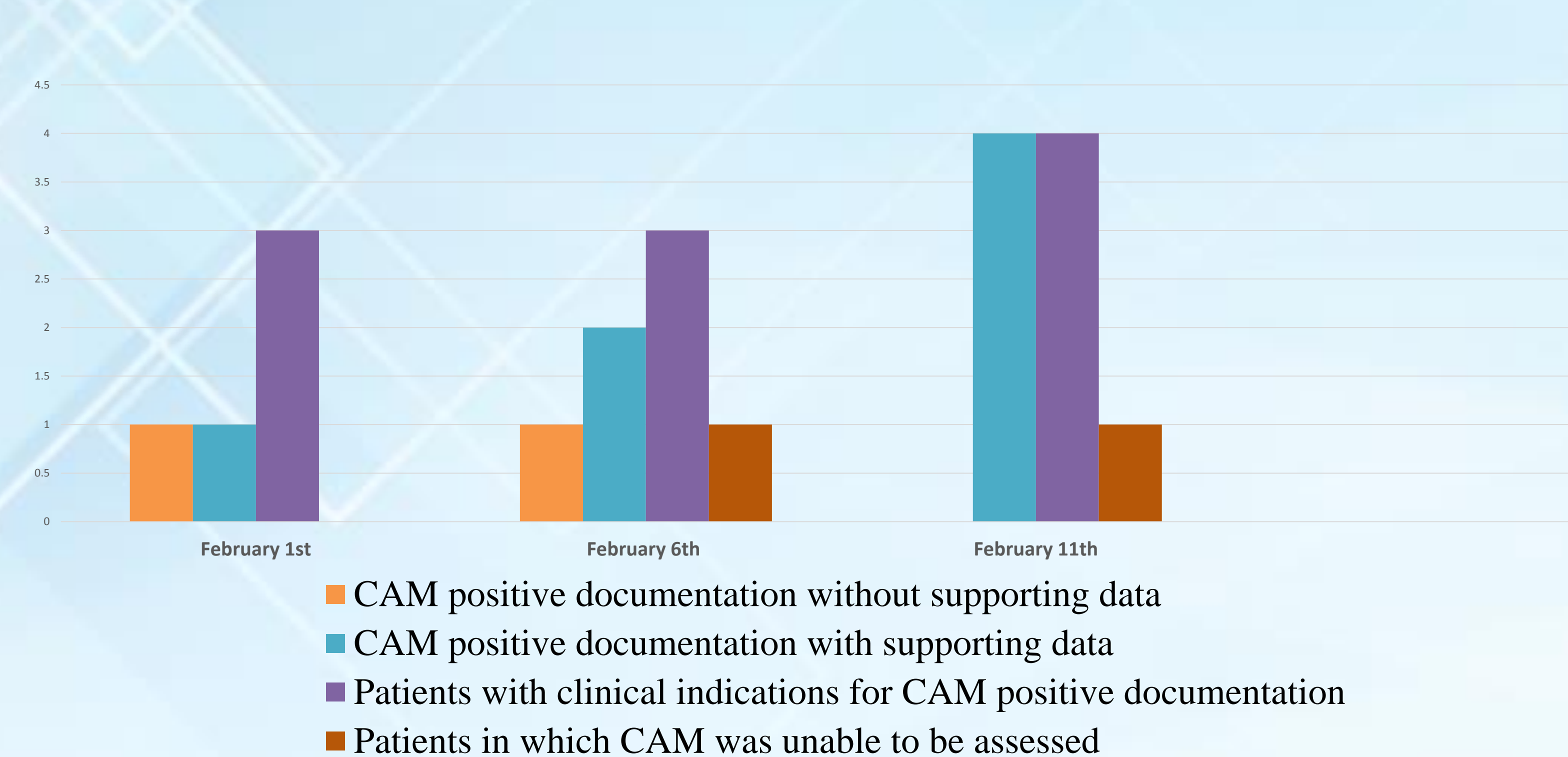


Chart audits were completed between November 9th, 2018 -December 9th, 2018 and February 1st, 2019- February 11th, 2019. Data collected shows information from both day shift and night shift registered nurses.

OUTCOME

- The pre-education data resulted indicated random documentation of CAM-ICU. In some cases patients had identifiable episodes of delirium without appropriate CAM-ICU documentation.
- The post-education graph shows gradual improvement of documentation. By February 11th all charts reviewed indicated appropriate CAM-ICU positive documentation.
- Overall re-education and the use of a reference form resulted in an improvement in the frequency and accuracy of the CAM-ICU assessment.

NEXT STEP

- Assessment for and recognition of delirium in the ICU patient is necessary for successful patient outcomes.
- The next step is to focus on interventions that can help either prevent the occurrence of delirium or address and treat delirium once it is recognized.

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