

Silencing the MEWS (Modified Early Warning System) to hear the Nurse's Voice

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Disclosures

Nothing to disclose.

Introduction

Background

2017 Implementation of MEWS
at Vidant Beaufort

MEWS-Predictive Analytics
recognize changes in acuity

Vital Signs + the AVPU Score=
Action for Patient

- Actions include
 - Notification to provider
 - Increased Monitoring

Opportunities

- Alarm Fatigue
- Physical Fatigue
- Inappropriate use of Resources

**MEWS was ranked in the TOP 5
BPAs of 2020**

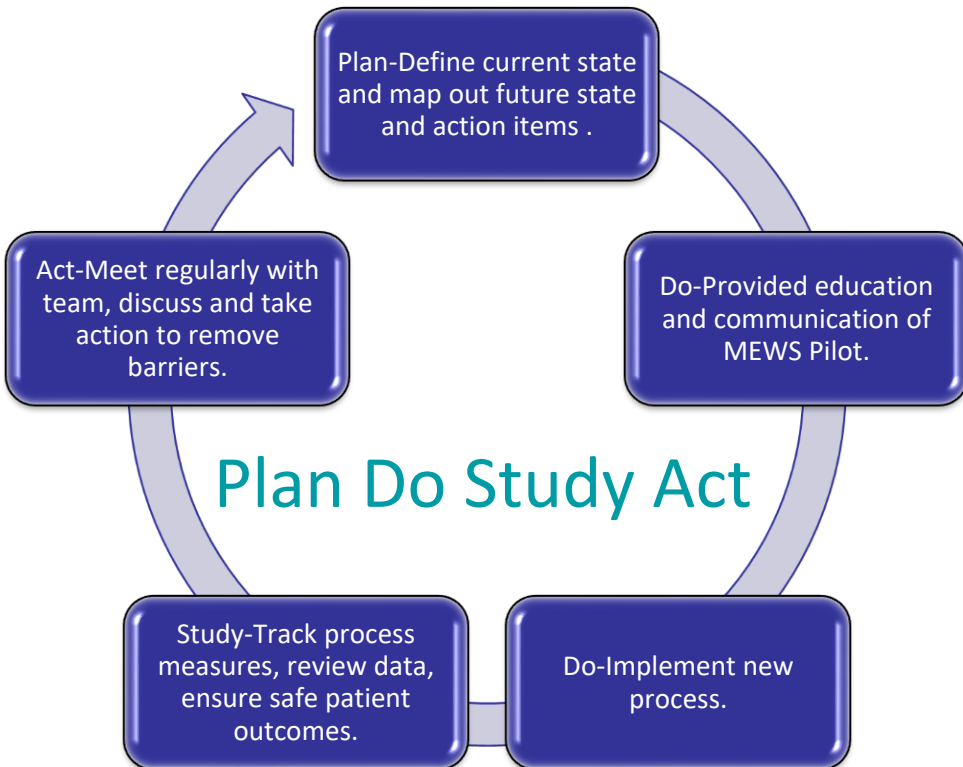
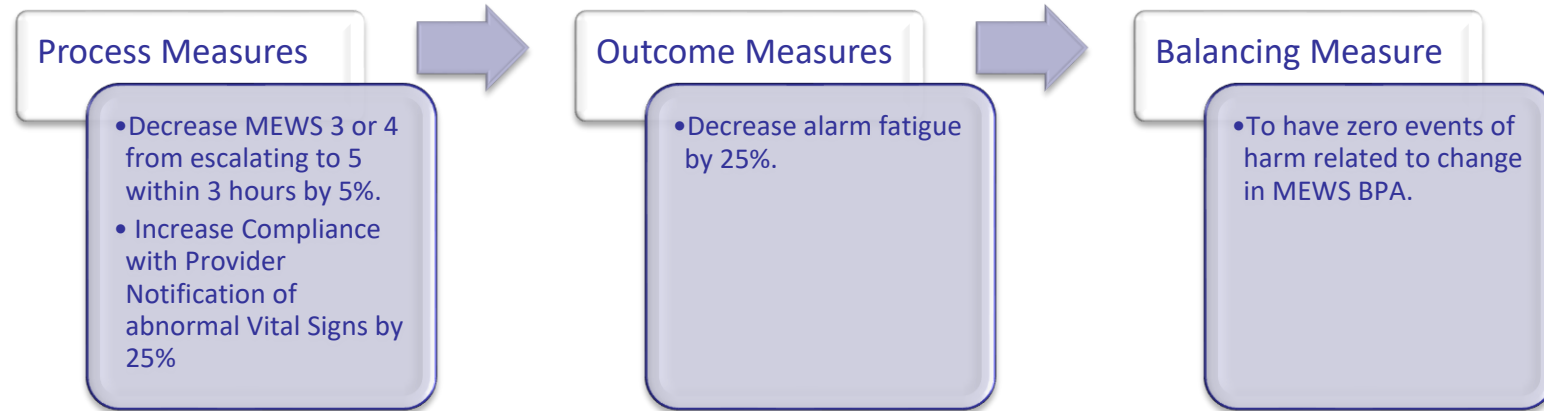


Aim

Develop a new communication
pathway:

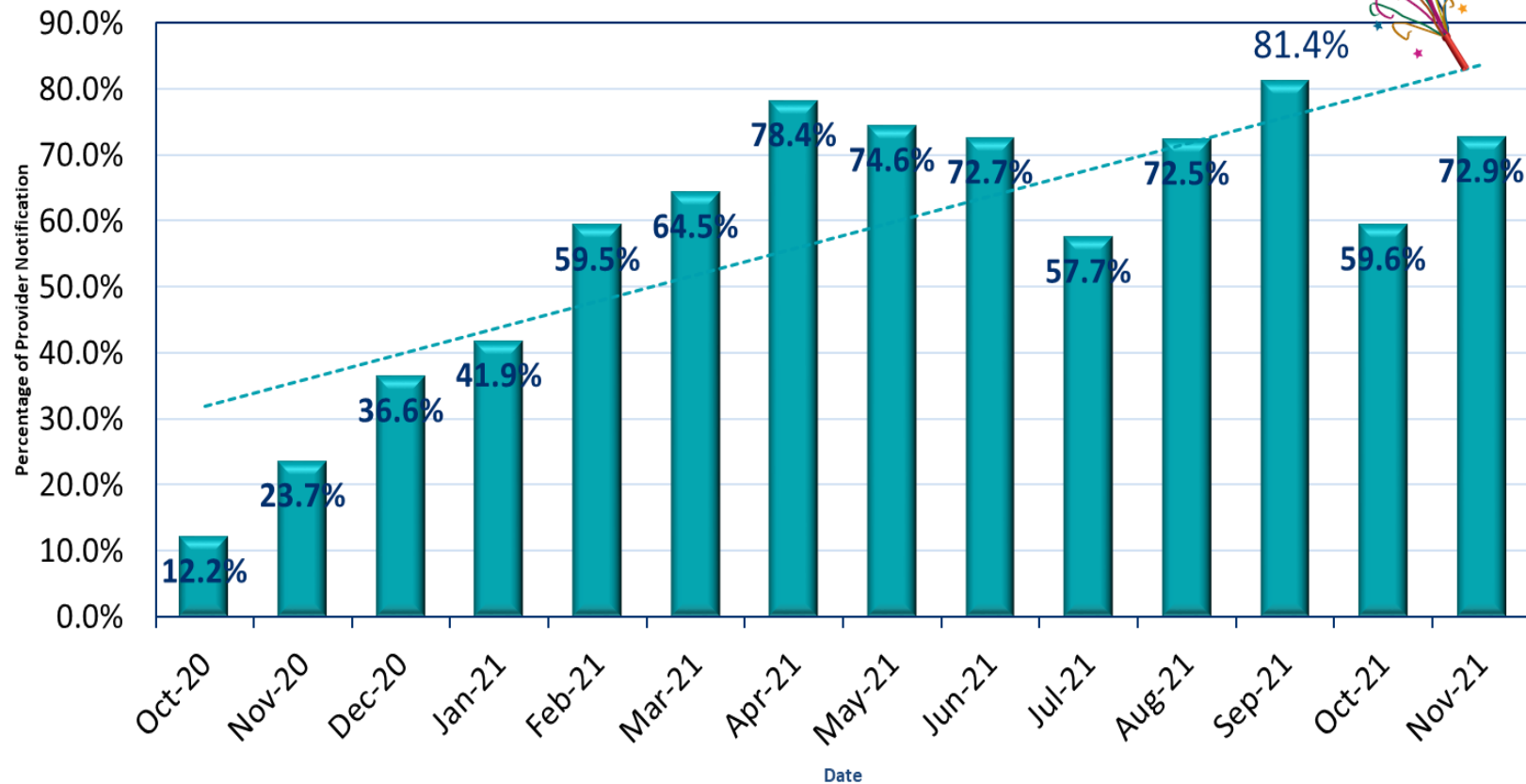
- Decrease alarm fatigue by 25% by 9/2021.
- Improve provider notification of patient acuity changes.
- Early intervention in response to changes in acuity, preventing decline in patient condition.

Methods

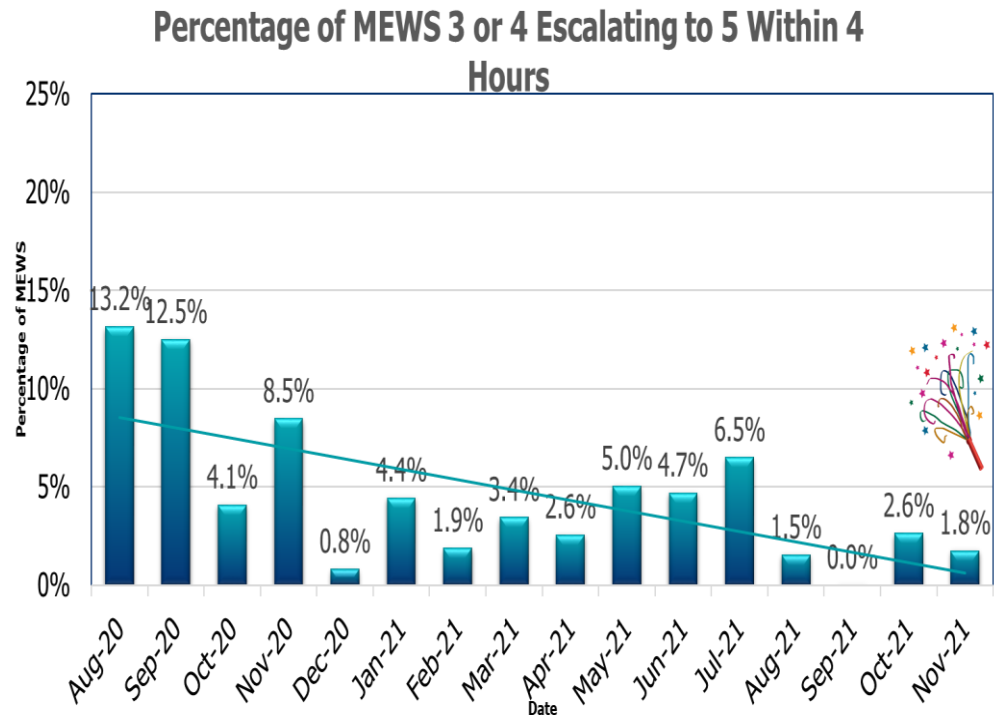


Results

Percentage of Provider notification of abnormal VSs



Results



Decreased our MEWS 3 or 4 escalating to 5 within 4 hours from **13% to 1.8%**.

Improved compliance with Provider being notified of abnormal vital signs from **11% to 73%**.

Decreased alarm fatigue by **60%**.

Conclusion



Together
we can achieve
more!

- Improved Communication
- Improved Team Member Experience
- Improved Patient Outcomes

Future direction:

- *Implement throughout Vidant Health*
- *Explore DI Modeling*