



Daily Sedation Interruption Tool



The Princess Alexandra Hospital
NHS Trust

Project Aim:

Implementation of Daily Sedation Interruption (DSI) tool for Critical Care Nurses to safely practice Sedation holds in mechanically ventilated patients using Donabedian's quality of care model.



Project lead
Jeevna Nagelli

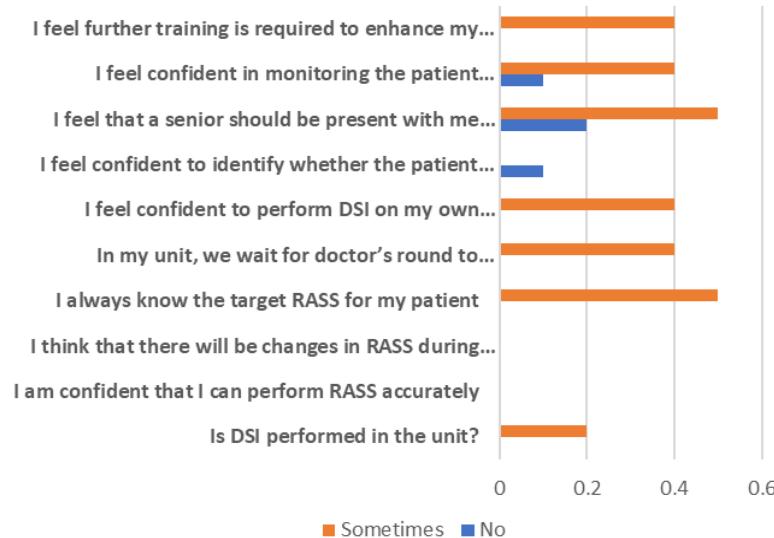
Timeline for delivery

From: Sept '22 To: Aug '23

Measures

- Early ventilator weaning and rehabilitation
- Critical Care Nursing staff confident to start Sedation holds independently as part of VAP care bundle.
- Reduces failed intubation and Re- intubations

Staff Survey- confidence levels of staff to perform Daily sedation hold independently



Results

We expect that the new tool will:

- Reduce mechanical ventilation duration
- Enhances early intubation
- Decrease the duration of length of stay in ITU
- Decrease incidence of tracheostomies
- Reduced ventilator-associated pneumonia risks
- Improve critically ill patients' outcomes by early rehabilitation

Tests for change

- Improved Daily Sedation hold practices as part of the VAP care bundle
- Decrease time on mechanical ventilation and early weaning
- Nursing staff confident to start weaning process independently
- Decrease ICU stay therefore cost effective
- Better patient Flow

Learning and next steps

- In process with updating the current weaning guidelines to include the DSI tool
- Continue audits
- Post staff survey



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patient at heart • everyday excellence • creative collaboration