

# Safe and Effective Pain Management

## New Oversedation Risk Widget and Alerts

Safe and Effective Pain Management Strategies—Part 3 of 4

*Effective January 2019*

To improve clinician awareness and visibility to the risks associated with oversedation, a NEW *Oversedation Risk Widget* is being created in Cerner.

- Currently, no tool reliably predicts which patients are most likely to experience oversedation; however, risk factors (listed below) are known.
- The NEW Widget will pull data from multiple sources in Cerner and display them in one location for clinicians to view. If a variable meets the criteria, it will display on the screen.
- These variables are not alerts, rather static displays of risk factors.
- Clinicians will be better able to mitigate risks via dose adjustments, better monitoring, etc.

Pain, Sedation, Delirium Risks
<input type="checkbox"/> 3 or more doses of sedating meds <u>given</u> in past 12 hours
<input type="checkbox"/> A POSS 3 or 4 in the past 8 hours: <Date Time if positive>
<input type="checkbox"/> STOPBANG $\geq$ 5 or Known or suspected OSA on Problem List
<input type="checkbox"/> BMI $> = 30$ or $< = 18$
<input type="checkbox"/> 2 or more prescribers ordering sedating meds
<input type="checkbox"/> Surgery / procedure w/ 24 hours: <End Procedure date/time>
<input type="checkbox"/> Reversal agent received in the prior 24 hours
<input type="checkbox"/> Age $> 70$

To view the widget, go to **Menu** and click **RN Communication MPage**.

POSS: Pasero opioid-induced sedation scale

STOP-BANG: score for obstructive sleep apnea

### Alerts

Several alerts are currently live in Cerner to increase awareness and provide real-time feedback:

- IV Dilaudid  $> 1$  mg
- Patient  $> 79$  yrs + Benzodiazepine
- Duplicate checking for Benzodiazepines (TBD for opioids)
- Dose range checking (Morphine; NSAIDS)

Content is available for CME at: [www.sharp.com/cmeportal](http://www.sharp.com/cmeportal)

**We are the stewards of safe and effective pain management.**

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