



# Ventilator Default Settings Database

Shared data for improving patient safety



The REMEDI Ventilator Default Settings Database is provided by the Regenstrief Center for Healthcare Engineering at Purdue University in partnership with the AAMI Foundation and AARC.

Alarms are an important feature of ventilators as they provide information about the status of the patient. Understanding what the various alarms mean and the settings are an important aspect of safely and effectively managing alarms.



*“Simply locating a ventilator alarm is difficult in certain situations. Not to mention, the volume and types alarms (low, moderate, high priority) per patient makes differentiating between actionable and nonactionable alarms almost impossible. We must unite by focusing on identifying the important alarms is a priority.”*

*Brian K. Walsh, PhD, RRT  
Professor of Respiratory Therapy  
Liberty University in Lynchburg, Virginia*

While there is no gold standard for alarm defaults, clinicians can leverage the REMEDI database to make evidence-based decisions for default ventilator alarm settings. The database, which is user friendly, provides clinicians with the ability to examine 12 alarm settings and leverage filters to drill-down by specific care area population and/or hospital type. The goal of the REMEDI ventilator collaborative is to capture and share knowledge and best practices.



## Ventilator Alarm Settings

- High PEEP
- Low PEEP
- High PIP
- Low PIP
- High Tidal Volume
- Low Tidal Volume
- High Minute Volume
- Low Minute Volume
- High Respiratory Rate
- Low Inspiratory Pressure
- Apnea
- Disconnect Priority

## Steps to View and Analyze Ventilator Alarm Settings

1. Join REMEDI. Go to [www.catalyzecare.org/remedi](http://www.catalyzecare.org/remedi) and select “REGISTER TO BECOME A MEMBER”
2. Capture your data. Download the spreadsheet; <https://catalyzecare.org/resources/1621>
3. Upload your data to REMEDI. **No Patient Data Exchanged.**
4. Examine your data & Benchmark other hospitals’ data

Questions?  
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