



# STUDYING AIR-IN-LINE ALARMS

B. BRAUN SPACE® INFUSION SYSTEM

# NO NEED TO SOUND THE ALARM

FEWER AIR-IN-LINE ALARMS ON THE B. BRAUN INFUSOMAT® SPACE® LARGE VOLUME PUMP

**B | BRAUN**  
SHARING EXPERTISE


## Introduction

Air-In-Line (AIL) alarms are problematic for patients and caregivers because they can contribute to interrupted therapy, increased noise in the environment, and alarm fatigue. Although clinicians recognize that AIL alarms are a nuisance, a review of the literature found only one study reporting AIL alarm rates from one nursing unit.<sup>1</sup> B. Braun also noted a poster presented at ASHP reporting AIL rates across a large facility.<sup>2</sup>

## Results

B. Braun conducted an internal data analysis to determine the frequency and rate of AIL alarms for the Infusomat Space and summarized the findings below.<sup>3</sup>

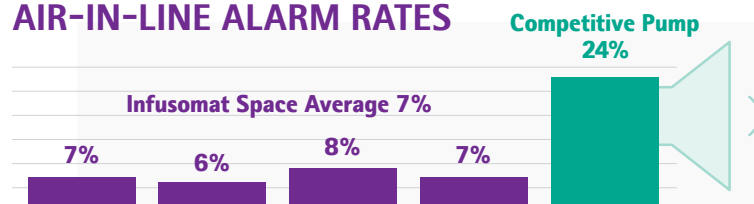
**67%**  
FEWER AIL ALARMS



**Infusomat Space has 67% fewer AIL alarms than a competitive pump.**

Data based on a comparison of two large hospitals with similar bed sizes over two different 30-day time periods.<sup>2,3</sup>

## AIR-IN-LINE ALARM RATES



**Infusomat Space has an average of 7% AIL alarm rate across four hospitals versus the competitor pump that has an average of 24% from one hospital.<sup>2,3</sup>**

B. Braun's average 7% AIL rate is based on an aggregate of 4 acute care hospitals across the U.S. using over 2,600 pumps.<sup>1,2</sup>

LESS THAN

**4 AIL**  
ALARMS PER PUMP PER MONTH



**An Infusomat Space pump alarms on average 3.5 times per month for AIL.**

Data based on an aggregate of 4 acute care hospitals across the U.S. with over 2,600 pumps in use during different 30-day time frames.<sup>3</sup>

## Conclusion

Based on our internal data analysis, the innovative Infusomat Space pump exhibited less than 4 AIL alarms per month and a 7% average AIL rate in 4 acute care hospitals across the U.S. Compared to a competitive pump in one hospital, the Infusomat Space is associated with 67% fewer AIL alarms.<sup>2,3</sup>

Contact your B. Braun representative or call 1-800-627-PUMP (7867) to learn how B. Braun Medical can help reduce your Air-In-Line alarms to improve the nursing and patient experience.

## References

1. Matocha D. Reducing infusion pump alarms through structured interventions. *J Assoc Vasc Access*. 2018; 23(2): 87-95.
2. Burch K, Kohorst J, Lakamp J. Alerts and alarms associated with smart pumps: Achieving a healing environment by avoiding annoyances. Poster presented at: ASHP Midyear Clinical Meeting; December 2014: Anaheim, CA.
3. B. Braun Medical Inc. Data on File. 2019.