safeBVM™

Sotair®

FDA 510(k) Cleared

- Sotair is a flow control valve that fits between a manual resuscitator and a patient mask/airway. The valve prevents flow rates of air from exceeding 55 LPM during manual ventilation

- Regulation of airflow helps reduce peak airway pressures, excessive tidal volumes[1] and excessive breath delivery rates,[2] minimizing the risk of over-pressurization, over-ventilation and hyperventilation

- Sotair acts as a 'Forcing Function,' constraining the provider to deliver safer manual ventilation with less variability. This is most effective in ensuring system-wide change[1][3]

- Immediate, real time haptic, auditory and visual feedback simplifies training

- 100% activation and flow limiting testing ensures reliability in performance

- Adult, single patient use

2022 EMSWORLD INNOVATION AWARDS WINNER

33% Aggregate Improvement in Performance

91% Of Providers Recommend Sotair

30 sec Sotair Training Time

1. Brady MF, Weber NK, Walker, III R, et al. Feasibility of manual ventilation replacing mechanical ventilation. BMJ Innovations 2021;7:297-301.
2. Memphis Sotair Limited Market Release, 2022.
3. https://www.ncbi.nlm.nih.gov/books/NBK225188/, https://ismpcanada.ca/resource/hierarchy-of-effectiveness/

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Learn Sotair® in 30 Seconds

1. **Squeeze the bag fast and forcefully to activate Sotair's ALARMS**. You will *feel* the bag immediately become rigid, *hear* the sound of the Sotair's valve collapsing, and *see* the valve close.

2. **Gradually decrease the speed of your squeeze until Sotair's alarms do not activate**. If the alarms keep activating, slow down your squeeze further until no alarms are experienced

RIGID

ALARMS

✗
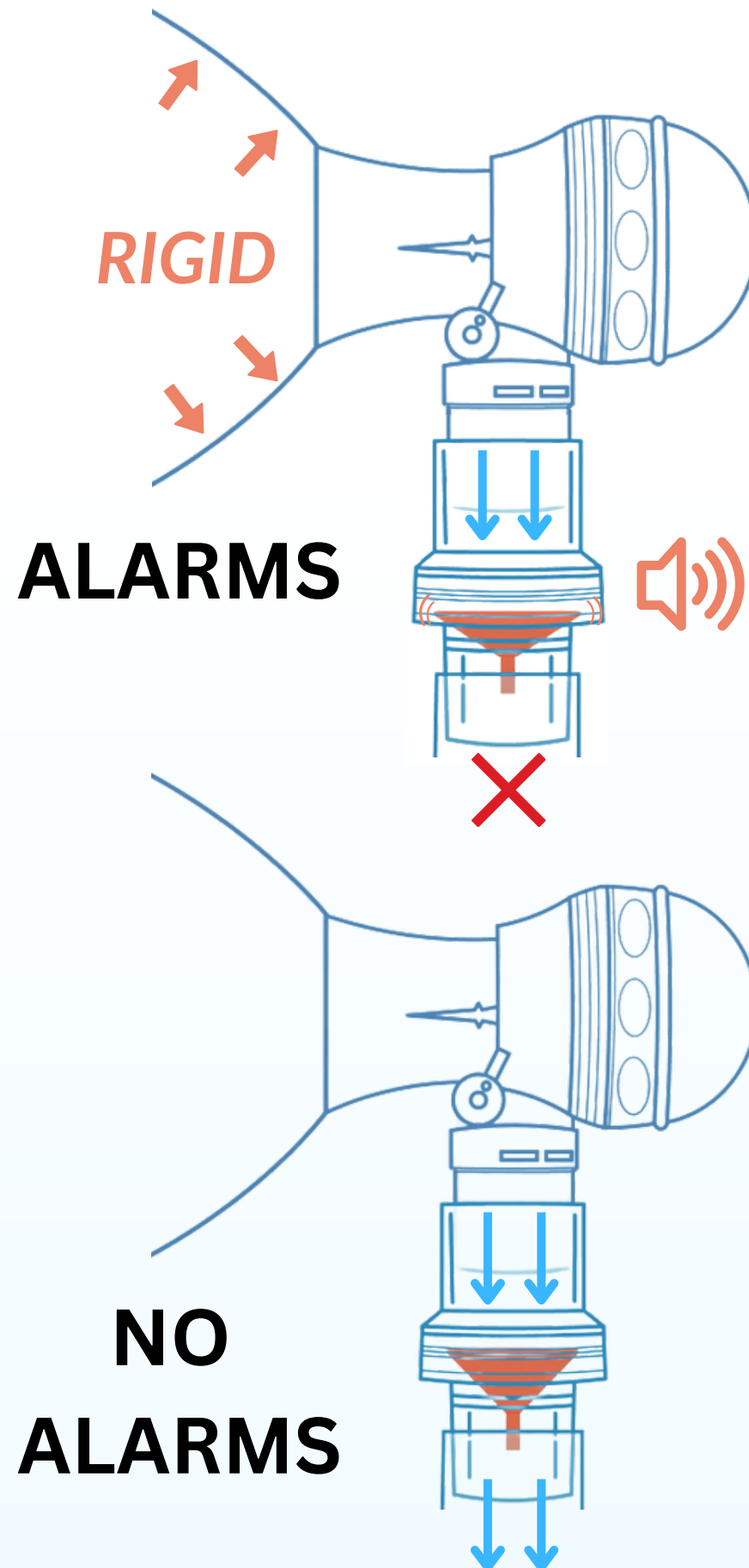
NO ALARMS

3. Find the sweet spot: Squeeze over ~1 second, near Sotair's alarm activation, but avoid activation of alarms.

***Squeeze the bag with 1 hand, over 1 second, every 6 seconds**

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