

**RESQGARD®****From: \$88.00**

Increased Blood Flow in a Heartbeat

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**SKU:** 37-250**NSN:** 6515-01-575-8173 |**PRODUCT DESCRIPTION**

ResQGARD® creates slight inspiratory resistance to increase circulation in conscious, breathing patients with low blood pressure due to dehydration, heat shock, blood loss, early sepsis and orthostatic intolerance. When IV or IO access is not practical, the device can provide a bridge to help improve blood flow to vital organs until the casualty can get proper treatment.

ResQGARD®, part of Combat Medical Systems' MARCH™ Medical Gear, is for treating spontaneously breathing casualties who are hypovolemic and have symptoms of shock. The device creates a slight amount of therapeutic resistance only when a casualty inhales, which increases blood flow and circulation to vital organs. Studies have shown that the ResQGARD can increase blood pressure up to 30%.<sup>1,2</sup>

ResQGARD® provides a therapeutic bridge until the casualty can get definitive treatment. The non-invasive device is easily administered by all skill level providers, and safely complements a low volume resuscitation approach to trauma management.

ResQGARD® is indicated for casualties who present with poor circulation from a variety of causes, e.g. blood loss, dehydration, heat stroke, early sepsis and orthostatic intolerance.

**PRODUCT INFO**

- **Enhanced Perfusion** to vital organs
- **Increases Blood Pressure** by up to 30%<sup>1,2</sup>

- **Non-Invasive** and easily administered by all skill levels
- Compatible with facemask or mouthpiece
- Design enables administration of supplemental oxygen
- Low cube
  
- Studies have demonstrated increases in blood pressure by up to 30%<sup>1,2</sup>
- Lowers Intracranial Pressure (ICP) by 25%<sup>3,4</sup>
- Increases perfusion to the brain and other vital organs
- Complements a permissive hypotension approach to trauma management
- Will not dilute clotting factors or pop clots
- Easily administered by all skill levels as a non-invasive device

## **SPECIFICATIONS**

- NSN:6515-01-575-8173
- FDA 510(k) Cleared
- Single-Use
- Specifications:
  - Unit Dimensions
    - Packaged: 4.5" x 4.5" x 6"
  - Unit Weight: 7.5 oz.
  - Not made with natural rubber latex
- Available Direct, Prime Vendor, ECAT, CEC and GSA
- Made in USA

## **TRAINING**

[Product Brochure](#)

[Physiology Guide](#)

[ResQGARD® FAQs](#)

[Key Study Summary](#)

[ResQGARD® IFU](#)

[Caregiver Guide](#)

[Journal of Emergency Medicine Paper](#)

[ResQGARD® Video](#)

[ResQGARD® Video](#)

## REFERENCES

- 1** Samniah N et al. Feasibility and effects of transcutaneous phrenic nerve stimulation combined with an inspiratory impedance threshold in a pig model of hemorrhagic shock. *Crit Care Med* 2003;31(4):1197-1202.
- 2** Convertino VA et al. Effects of inspiratory impedance on the carotid-cardiac baroreflex response in humans. *Clin Auton Res* 2004;14:240-8.
- 3** Lurie KG et al. Cardio-cranial interactions: reduction of elevated intracranial pressure with an inspiratory ITD in spontaneously breathing pigs after resuscitation from cardiac arrest. *Crit Care Med* 2003;31(12)Suppl:A10.
- 4** Yannopoulos D et al. Intrathoracic pressure regulation for intracranial pressure management in normovolemic and hypovolemic pigs. *Crit Care Med* 2006;34 (12):S495-500.