



RESQPOD® IMPEDANCE THRESHOLD DEVICE

\$166.56

Proper CPR Saves Lives

SKU: 37-200

NSN: 6515-01-696-7098 |

PRODUCT DESCRIPTION

When treating cardiorespiratory arrest on the battlefield, the Advanced Circulatory® ResQPOD® Impedance Threshold Device regulates pressure in the thorax and prevents unnecessary air from entering the chest during CPR, creating a vacuum that pulls more blood back into the heart, resulting in better casualty outcomes.

The ResQPOD®, part of Combat Medical Systems' MARCH™ Medical Gear, enhances circulation during basic or advanced life support CPR. This simple non-invasive device regulates pressure in the chest, improves blood flow to the heart and brain, and provides Perfusion on Demand (POD). In clinical studies, use of the ResQPOD® increased blood flow to the brain by 50%³ and blood flow to the heart by 100%.² ResQPOD® has also demonstrated an increase in neurologically intact survival of 25% or more.¹

Timing lights guide proper compression and ventilation rates, promoting high-quality CPR. ResQPOD® helps circulate drugs more effectively and does not restrict patient ventilation or exhalation.

- PN: 37-200, NSN: 6515-01-696-7098

PRODUCT INFO

Capabilities

- **2X Blood Flow** to the heart⁴

- **Neurologically-Intact Survival** increases by 25% or more¹
- **Accurate Compression** and Ventilation Times

Product Attributes

- Timing assist lights promote proper compression and ventilation rates during CPR
- Compatible with all airway adjuncts (e.g. facemask, ET tube)
- Pressure-sensing valve enhances the vacuum in the chest to augment blood flow to the vital organs
- Low cube

Clinical Benefits

- 100% more blood flow to the heart² during CPR
- 50% more blood flow to the brain³
- Increase in neurologically-intact survival rates of 25% or more¹
- Doubled systolic blood pressure levels⁵ to circulate drugs more effectively
- Increased the likelihood of successful defibrillation
- Provides benefits in all arrest rhythms
- Recommended by the American Heart Association (AHA)

SPECIFICATIONS

- Single-Use
- Specifications
 - Unit Dimensions
 - Packaged: 3"x 2"x 2"
 - Unit Weight: 3oz.
- Available Direct, Prime Vendor, ECAT, CEC and GSA
- 100% TAA Compliant
- Made in USA

TRAINING

[Product Brochure](#)

[Clinical Summary](#)

[Physiology Guide](#)

[Tech Sheet](#)

[FAQs](#)

[Chest Compression Rate Info](#)

[IFU](#)

[ResQPOD ITD 10 Training Video](#)

[IPR Therapy Overview](#)

[ResQPOD ITD Overview](#)

REFERENCES

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- 1** Idris AH, Guffey D, Pepe PP, et al. The interaction of chest compression rates with the impedance threshold device (ITD) and association with survival following out-of-hospital cardiac arrest. *Circulation* 2012; AHA ReSS abstract #LBRS-352
- 2** Langhelle A, Stromme T, Sunde K, Wik L, Nicolaysen G, Steen PA. Inspiratory impedance threshold valve during CPR. *Resuscitation*. 2002;52:39-48.
- 3** Lurie KG, Mulligan KA, McKnite S, Detloff B, Lindstrom P, Lindner KH. Optimizing standard cardiopulmonary resuscitation with an inspiratory impedance threshold valve. *Chest*1998;113(4):1084-1090.
- 4** Lurie KG, Voelckel WG, Zielinski T, et al. Improving standard cardiopulmonary resuscitation with an inspiratory impedance threshold valve in a porcine model of cardiac arrest. *Anesth Analg*2001; 93:649-55
- 5** Pirralo RG, Aufderheide TP, Provo TA, Lurie KG. Effect of an inspiratory impedance threshold device on hemodynamics during conventional manual cardiopulmonary resuscitation. *Resuscitation* 2005;66:13-20.