

**RESQPOD® CIRCULATORY ENHANCER - CARDIAC ARREST**

Manufactured by:

Advanced Circulatory Systems, Inc.

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**CAUTION – INVESTIGATIONAL DEVICE. LIMITED BY FEDERAL (OR UNITED STATES) LAW TO INVESTIGATIONAL USE.**

Quantity: 1



No latex, single use, temperature storage range: -18° C. to +45° C.

[lot number] and [use by date]

The ResQPOD Circulatory Enhancer - Cardiac Arrest uses inspiratory impedance technology to enhance blood flow and increase circulation in adult patients in cardiac arrest. The ResQPOD may be used during standard and active compression decompression (ACD) cardiopulmonary resuscitation (CPR) for the treatment of sudden cardiac arrest (lack of signs of circulation).

**Contraindications:**

- Patients in whom CPR is not indicated. Never use on patients with a pulse. Remove immediately from ventilation circuit once CPR is discontinued.
- Patients < 18 years
- Patients in presumed traumatic cardiac arrest

**Warnings:**

- Do not disassemble or clean; single patient use only.
- Do not use if packaging is damaged or broken
- Discontinue use if ResQPOD appears to malfunction or fills with fluid twice.
- Secure advanced airways (e.g. ET, Combitube, LMA) well to prevent displacement.
- Excessive ventilation rates will reduce the effectiveness of the ResQPOD – DO NOT hyperventilate.
- Assure complete chest wall recoil during the decompression phase of CPR.
- If pulse is restored, remove ResQPOD from ventilation circuit immediately and provide assisted ventilations as needed.

**Directions for Use with a Facemask:**

1. The ResQPOD may be used during basic life support resuscitation efforts, with or without an oral or nasal airway.
2. Use the 15 mm/22 mm adaptor to connect the ResQPOD to the facemask.

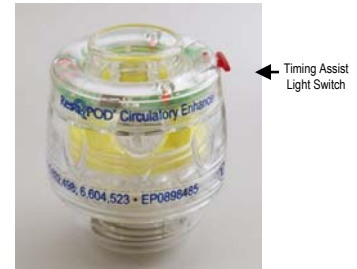
## ResQPOD Directions for Use



3. Secure the facemask with a tight seal to face. A two-handed technique is recommended to help achieve this.
4. Attach the ventilation source (e.g. demand-valve or bag-valve resuscitator) to the ResQPOD.
5. Provide ventilations over 1.5 seconds at the recommended compression to ventilation ratio, maintaining face seal throughout resuscitation efforts.

### **Directions for Use with an Advanced Airway (e.g. Endotracheal [ET] Tube, Laryngeal Mask Airway [LMA] or Combitube<sup>®</sup>):**

1. Insert airway and confirm placement, securing it with a commercial tube restraint.
2. Attach the ResQPOD directly to the advanced airway.
3. Attach the ventilation source (e.g. demand-valve or bag-valve resuscitator) to the ResQPOD.



4. Turn on the timing assist lights, which blink on and off at a rate of 12/minute.
5. Provide ventilations over approximately 1 second at a rate of 12/minute.
6. If medications are administered endotracheally, remove the ResQPOD and inject medications directly into the ET tube. Replace the ResQPOD and continue.
7. If an end tidal carbon dioxide detector is used, place it in circuit between the ResQPOD and the ventilation source.

### **Troubleshooting**

1. To clear vomit or secretions, remove the ResQPOD from the airway adjunct and shake it out or blow out debris using ventilation source. Suction patient as needed. Replace the ResQPOD and continue. Discontinue use if ResQPOD cannot be cleared.
2. Timing assist light function is independent of inspiratory impedance feature. If timing assist lights fail to operate or appear to blink at a rate different than  $\approx 12$ /minute, discontinue their use and ventilate at 12/minute.
3. Discontinue use immediately if ventilation is compromised in any way with the device in place.