



# Impedance Threshold Device

EMT-Basic

Advanced EMT

Paramedic

## PROCEDURE

1. Ensure definitive airway is placed and confirmed per Airway Management Practice Guideline.
2. Place the ITD as close to the airway device for optimal performance.
3. Flip the blue switch to the “on” position so that the respiratory timing lights flash.
  - a. Provide a ventilation after each flash of the LED timing lights (approximately every 6 seconds), ensure chest rise and the capnography produces a continuous waveform.
4. Perform continuous chest compressions as indicated.
5. Once there is return of spontaneous circulation, remove the ITD. Place the device near the patient’s head so that it may be replaced if the patient rearrests. The ITD should also be removed if the patient has spontaneous respirations.
6. Carefully monitor the placement of the advanced airway after movement of the patient, placement of the ITD, and/or removal of the ITD - **the only acceptable confirmation of a patent airway is capnography.**
7. Document the procedure and results in the electronic Patient Care Report (ePCR).

## REFERENCE GRAPHICS



## KEY POINTS

- ITD (ResQPod) should only be used in conjunction with advanced airway and mechanical CPR device – remove if ROSC occurs
- The ResQPod ITD 10 is currently the only FDA approved device to be used in conjunction with mechanical CPR.

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Revision Date: April 2019