



# SENECA COUNTY

## Emergency Medical Services



### Cardiac Arrest Management using ResQCPR System

#### INDICATIONS

Non-Traumatic Cardiac Arrest

#### Contra-Indications:

None in Non-Traumatic Cardiac Arrest

#### PRECAUTIONS

- A. Use BSI
- B. The ResQCPR system is a combination of the ResQPump and the ResQPod ITD 16
  - Utilizing the ResQPump alone is only minimally better than standard CPR

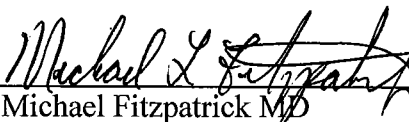
#### TECHNIQUE

- A. Verify Unresponsiveness – Pulseless/Apneic
- B. Begin Compression ASAP using ResQPump
  - a. Press hard enough to maintain a compression depth of 2-3” (approx. 40kg on force gauge)
  - b. Pull up with enough effort to pull 10kg of upward force on the gauge.
- C. Utilizing a BVM with the ResQPod – ensure a tight face seal at all times
- D. Insert a King LTSD airway as soon as possible, and secure using a commercial tube holder.
- E. Apply Defib pads far enough apart to clear the ResQPump suction cup.
  - a. Anterior right chest, and Posterior left chest ideal pad placement
  - b. Defibrillate if necessary using AED or Manual Defib
  - c. Do Not Touch Patient or ResQPump during Defibrillation. The ResQPump can be left in place during defibrillation, however the rescuer needs to be completely hands off.
- F. CPR should be at a rate of 80 compressions per minute – use the Metronome on the ResQPump.
- G. Follow Current ACLS protocol - checking for pulse/rhythm change every 2 minutes and rotate compression team member to minimize exhaustion.

#### Note

- A. The ResQCPR system will provide normal blood pressure if used properly, a return of spontaneous eye movements, arm movements, eye tracking, or gasping respirations are not uncommon.
  - a. Do not be alarmed. Do a quick pulse check if the patient has any of the above.
  - b. If no pulse is found, continue with ResQCPR
- B. If the suction cup will not hold suction to the patient’s chest, check to see if they are too hairy, wet, or an ECG cable is interfering. Troubleshoot accordingly – do a quick shave of the chest, wipe the chest with a towel, or re-route the defib/monitor cabling to not interfere.
  - a. Put the ResQCPR in place FIRST, then apply ECG cables to avoid the above issues.

APPROVED FOR USE BY SCEMS MEDICAL DIRECTOR

  
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