CARDIAC EMERGENCIES

C-5 / WIDE-COMPLEX TACHYCARDIA with PULSES

PRIORITIES	RELEASE: 10/15/12 EFFECTIVE: 11/30/12
➢ ABCs ➢ Determine degree of physiologic distress; type of dysrhythmias ➢ Initiate treatment in the field ➢ Reassess the rhythm and vital signs frequently, **V-tach without pulses treat as V-fibrillation** ➢ Early transport. ➢ **EARLY CONTACT OF RECEIVING HOSPITAL.**	

PATIENT TREATMENT GUIDELINES

- **OXYGEN** Therapy – high flow; be prepared to support ventilations with appropriate airway adjuncts;
- Cardiac monitor, consider 12 Lead EKG after initial patient treatment, **RAPID TRANSPORT** when appropriate;
- **IV** NS tko;
- **If NORMAL** vital signs**; NORMAL** skin signs**; NORMAL** level of consciousness, and has pulses: then
  - **LIDOCAINE** 100 mg IV Push
- **If ABNORMAL or DETERIORATING** vital signs, skin signs, ALOC, or CHF; then
  - Sedation**: MIDAZOLAM**: 2 mg IV (initial dosage 1 mg titrate in 1mg increments until patient is sedated; use caution in patients over age 60. If over 2 mg IV required, CONTACT BASE PHYSICIAN, or 3 mg IM and / or:
  - Pain/Sedation**: MORPHINE** 2 – 4 mg IV in 2 mg increments.
  - **Synchronized cardioversion** 100J, or bi-phasic equivalent, or manufacturer recommendation, if necessary;
  - **Synchronized cardioversion** 200J, or bi-phasic equivalent, or manufacturer recommendation, if necessary;
  - **Synchronized cardioversion** 300J, or bi-phasic equivalent, or manufacturer recommendation, if necessary.
  - **Synchronized cardioversion** 360J, or bi-phasic equivalent, or manufacturer recommendation, if necessary.
  - Repeat **LIDOCAINE** repeat 50 mg every 5 – 10 minutes with a maximum dosage of 200 mg.

  If V-tach reoccurs **synchronized cardioversion** at lowest dosage level previously successful

For ADDITIONAL DOSAGES of drugs, CONTACT BASE PHYSICIAN.

DISRUPTED COMMUNICATIONS

In the event that a Solano County Paramedic is UNABLE to make physician contact for orders, the paramedic MAY NOT utilize those areas of the protocol needing physician direction and MUST TRANSPORT IMMEDIATELY TO THE CLOSEST FACILITY.