

**Wide Complex Tachycardia
Unstable Patient**



Legend	
	EMR
	EMT
	Intermediate
	Paramedic
	Medical Control

EMR	<ol style="list-style-type: none"> 1. Universal Cardiac Care. 2. Oxygen: Consider titrating the O2 to maintain SpO2 above 94% 	EMR
------------	---	------------

EMT	<ol style="list-style-type: none"> 1. Continue EMR care. 2. Apply cardiac monitor and obtain 12-lead EKG as soon as possible. Transmit to receiving facility (if equipped). It is beyond the scope of the EMT to interpret 12-leads or cardiac rhythms. 3. Contact receiving hospital as soon as possible. 4. Request ALS intercept as soon as possible. (<i>Transport can be initiated at any time during this sequence</i>). 	EMT
------------	---	------------

I	<ol style="list-style-type: none"> 1. Continue EMT care. 2. Initiate IV/IO Normal Saline with a 20mL/kg bolus to rule out hypovolemia/dehydration as a cause of tachycardia, otherwise TKO rate. 3. Call for ALS Intercept as soon as possible If the patient becomes pulseless at any time, refer to the <i>appropriate SMO (V-fib or Pulseless V-tach, Asystole, PEA)</i>. 4. Lidocaine: 1mg/kg slow IV/IO push over 2 minutes if the patient is alert & oriented with warm & dry skin and a systolic BP > 100mmHg If no response, administer 2nd Dose of 0.5-0.75mg/kg IV/IO every 5 minutes as needed to a total of 3mg/kg. Obtain 12-Lead EKG, transmit EKG and Contact Medical Control as soon as possible. (12-Lead should be obtained before and after medication administration.) 	I
----------	---	----------

P	<ol style="list-style-type: none"> 1. Synchronized Cardioversion: If the patient has an altered level of consciousness, diaphoresis, chest pain or discomfort, pulmonary edema and/or is hypotensive: Use biphasic equivalent energy level for Biphasic devices. 2. Give Midazolam (Versed):2mg IV/IO OR Ketamine, 2.5mg/kg IV/IO for patient comfort prior to cardioversion, if there is time. Re-check vital signs 5 minutes after administration. Repeat dose one time if systolic BP > 100mmHg and respiratory rate is > 10 breaths per minute. Additional doses require Medical Control order. 	P
MC		MC