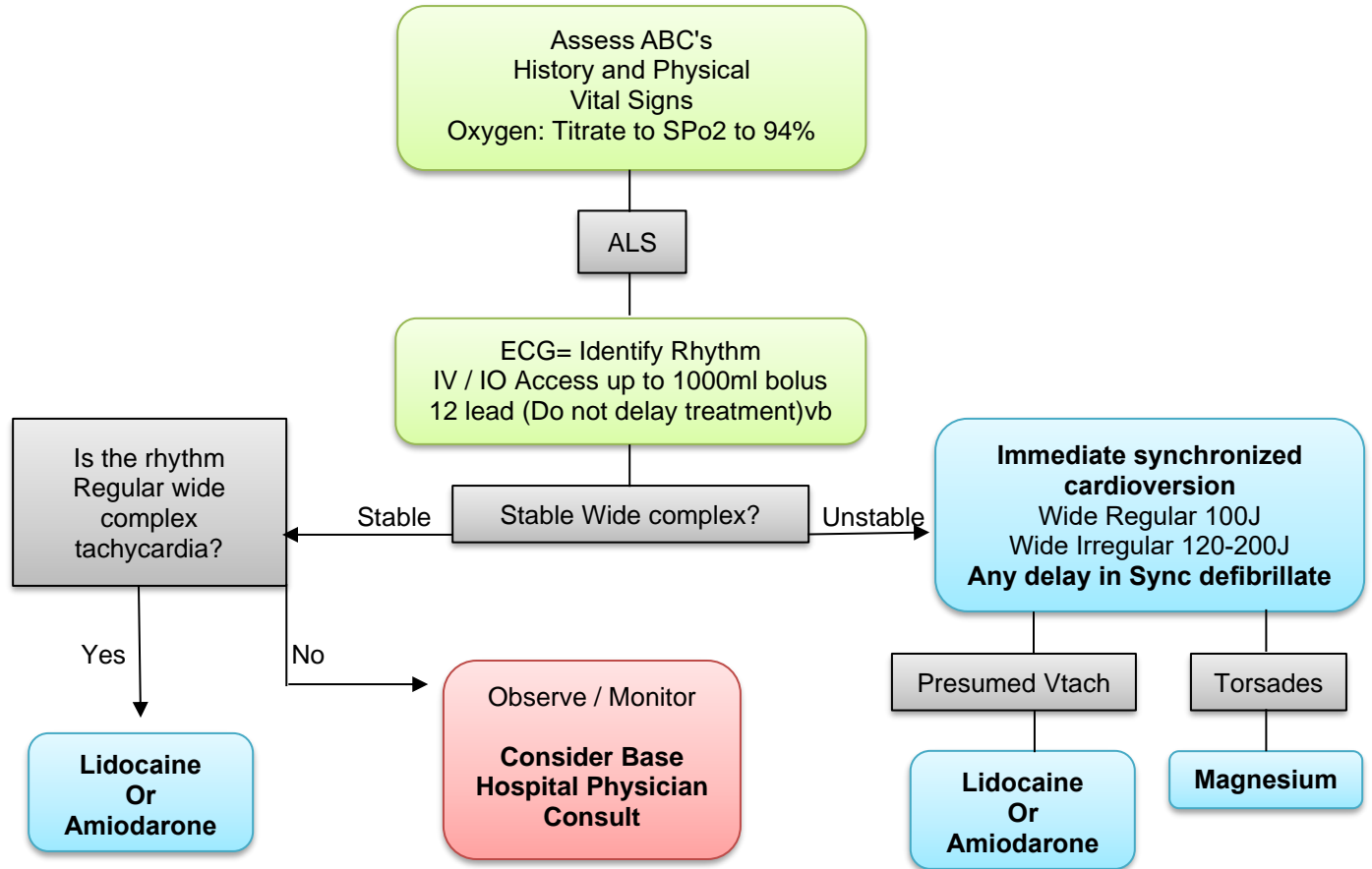
	1107	<b>Adult Wide Tachycardia Algorithm</b>
Nor-Cal EMS Policy & Procedure Manual	Treatment Guidelines	
Effective Date: 1/01/2021	Next Revision: 1/01/2024	
Approval: Jeffrey Kepple MD – MEDICAL DIRECTOR	SIGNATURE ON FILE	

**AUTHORITY:** Health and Safety Code Division 2.5, California Code of Regulations, Title 22, Division 9



**Lidocaine** 1.5mg/kg may repeat at 0.75 mg/kg to a max dose of 3mg  
 Infusion 1gram in 250ml run at 2-4 mg/min

**Amiodarone** 150mg over 10 minutes

**Magnesium** 2grams SIVP mixed to a total of 10cc over 2 minutes

**Identify and treat underlying causes as appropriate:**

- Hypoxia
- Hydrogen Ion (Acidosis)
- Hypovolemia
- Hypo/Hyperkalemia
- Hypothermia
- Tension Pneumothorax
- Tamponade (cardiac)
- Toxin/ Tablets/ Sepsis
- Thrombus (CVA / MI)
- Trauma

**Consider sedation:**

**Midazolam:** 0.5mg increments IV/IO over 3-5 minutes  
 Max Dose 5mg

**Fentanyl:** 25-50mcg slow IV/IO every 10 minutes  
 Max single dose 50mcg

**DO NOT DELAY Cardioversion**  
 To establish IV or waiting for sedation to take effect in unstable patient