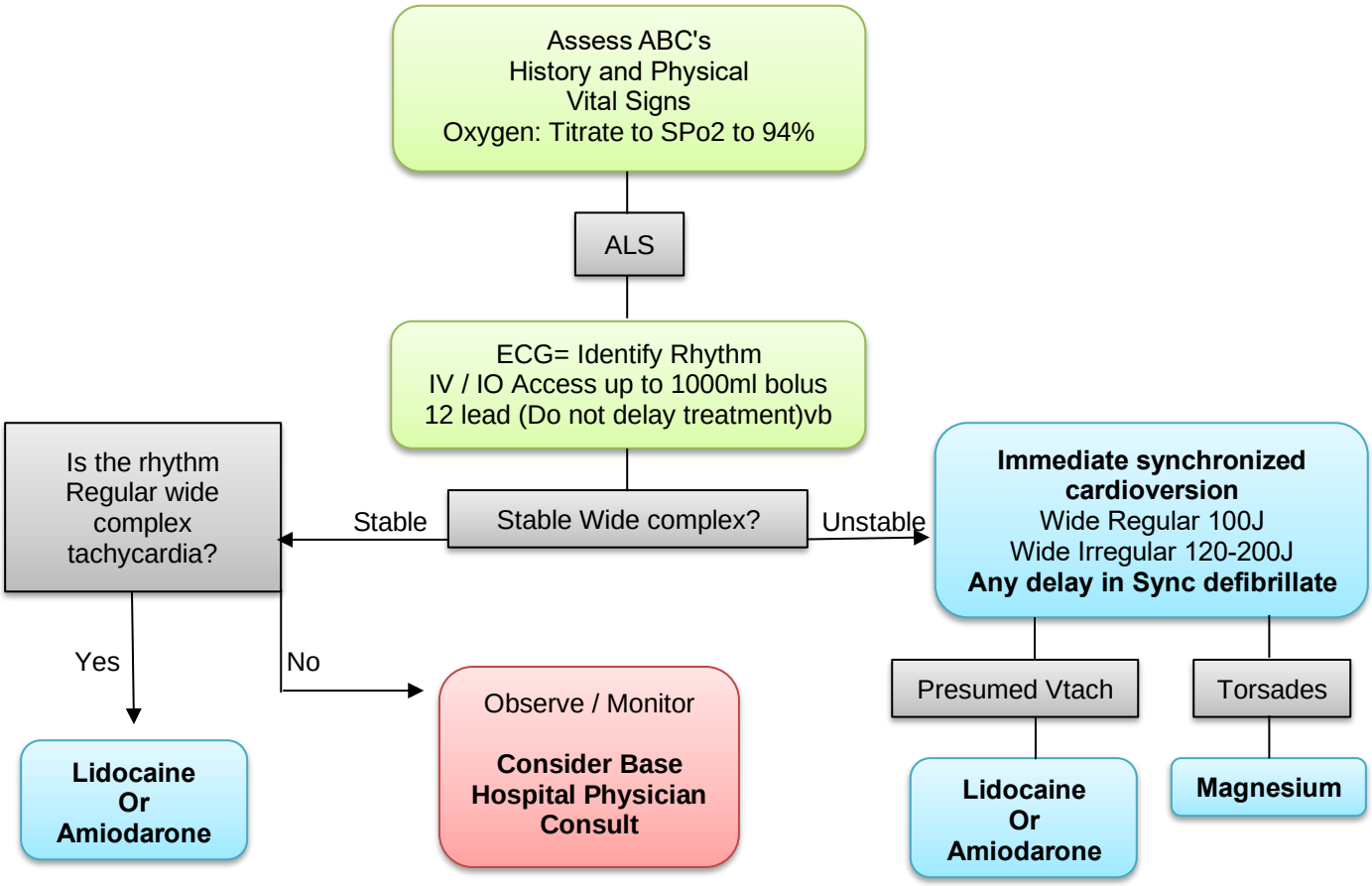
NOR-CAL EMS	05-0304B	Adult Wide Tachycardia Algorithm
Nor-Cal EMS Policy & Procedure Manual		BLS/ALS Protocols
Effective Date: 1/01/2021		Next Revision: 1/01/2024
Approval: Jeffrey Kepple MD – MEDICAL DIRECTOR		SIGNATURE ON FILE

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