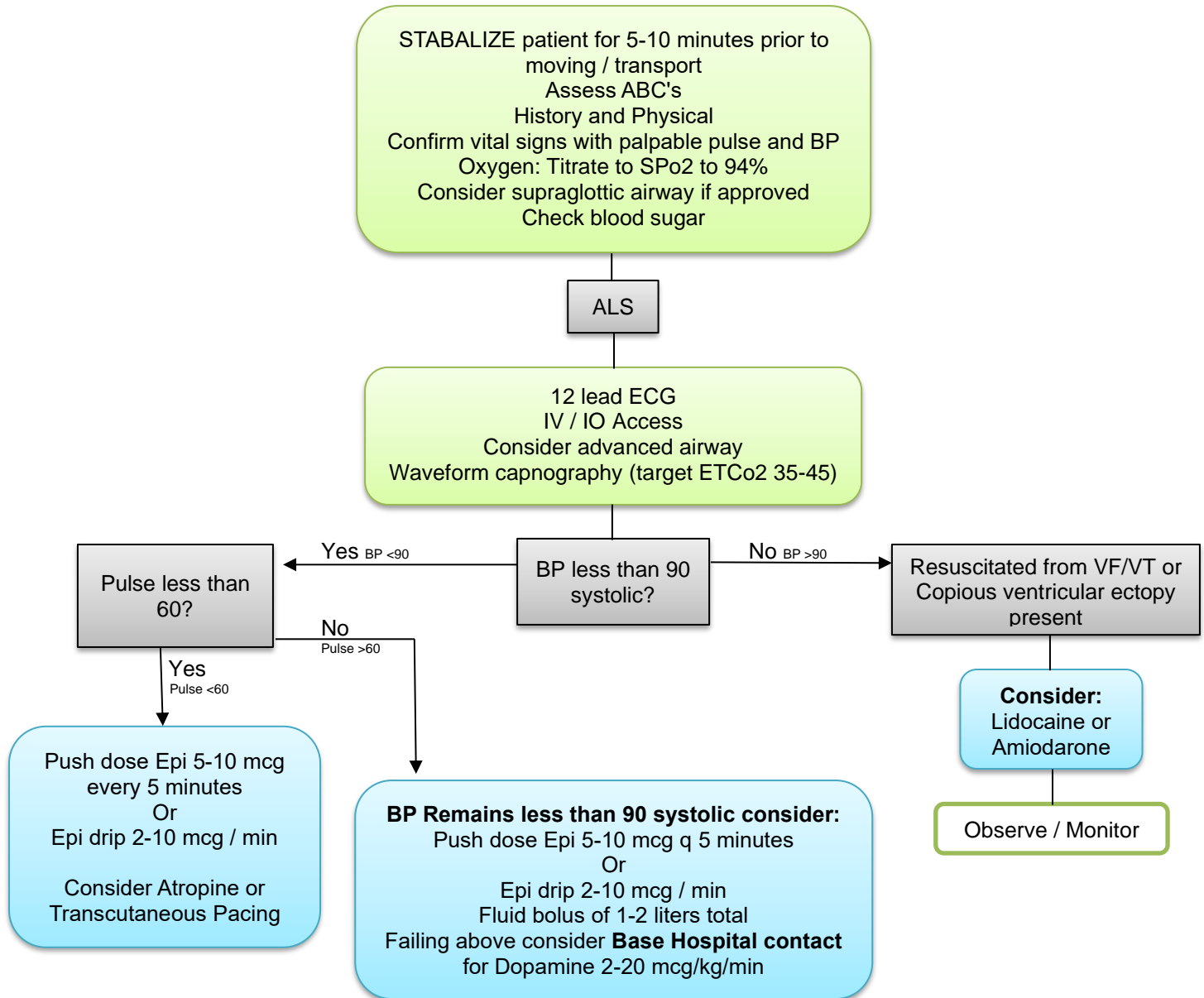


<b>NOR-CAL</b> EMS	<b>1103</b>	<b>Return of Spontaneous Circulation - ROSC</b>
Nor-Cal EMS Policy & Procedure Manual		Treatment Guidelines
Effective Date: 05/01/2025		Next Revision: 05/01/2028
Approval: Jeffrey Kepple MD – MEDICAL DIRECTOR		SIGNATURE ON FILE



#### 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

#### Transcutaneous pacing:

Begin at a rate of 80 BPM  
Start at 0 Milliamps increase until capture  
Increase to 10% above capture

#### 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