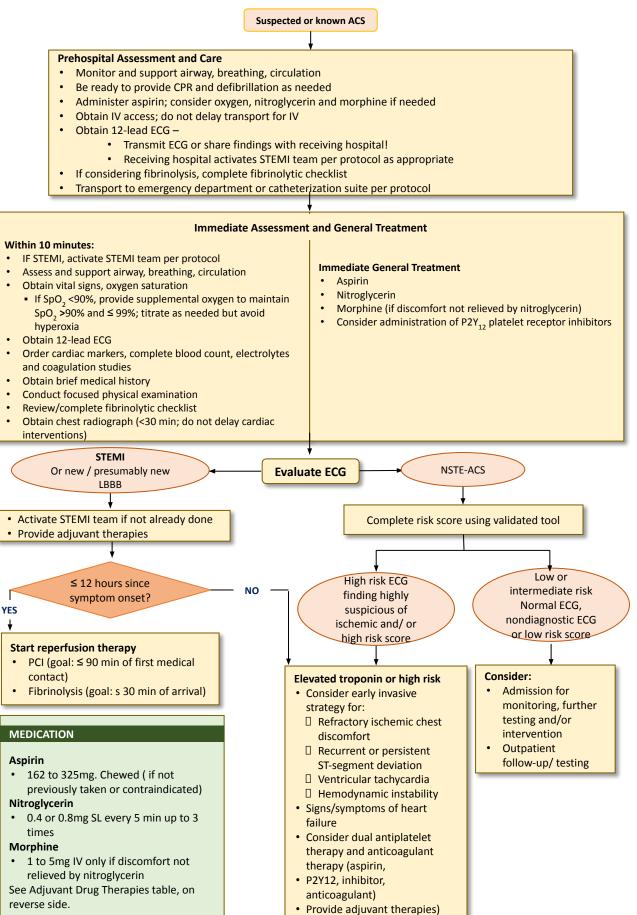
ADULT ACUTE CORONARY SYNDROME



Cardiology consultation

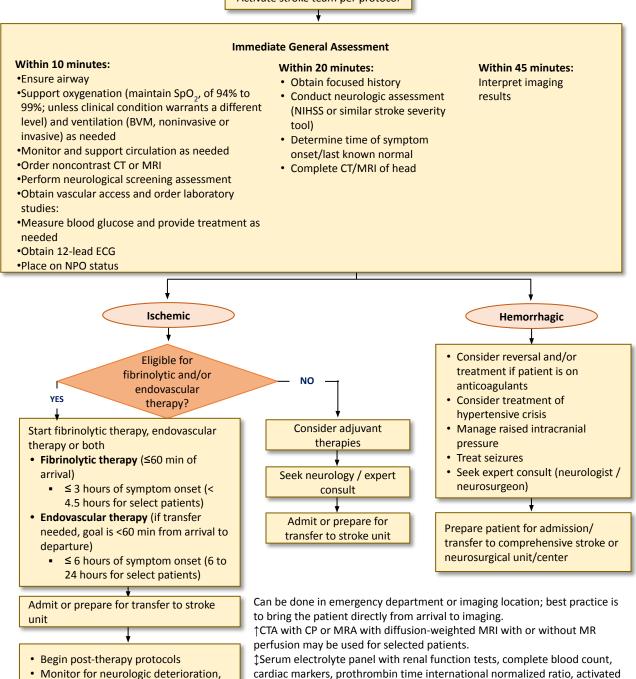
ADULT ACUTE STROKE

Suspected or known Acute stroke

Prehospital Assessment and Care

- Monitor and support airway, breathing, circulation
 - Provide supplemental oxygen if needed to maintain SpO₂, of 94% to 99%; provide ventilatory support (BVM, noninvasive or invasive) as needed
- Perform prehospital stroke screen and severity assessment and record time of symptom onset/last known normal
- Measure blood glucose; treat hypoglycemia as indicated
- Follow local protocols for destination decision
- · Alert receiving hospital and follow protocols for stroke arrival

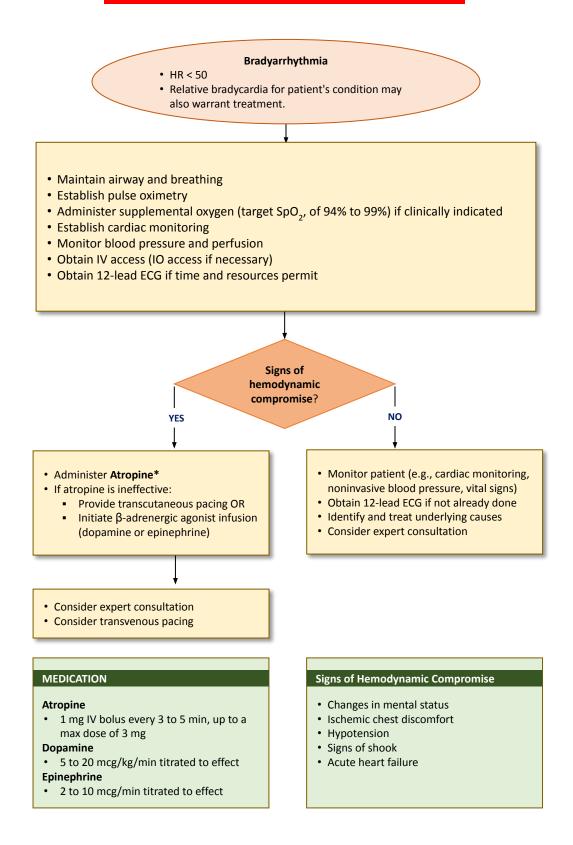
Activate stroke team per protocol



- Monitor for neurologic deterioration, complications of stroke/stroke therapy
- Manage blood pressure
- Manage glucose per protocol

partial thromboplastin time §Discontinue therapy with anticoagulant or antiplatelet agents for 24 hours after rtPA administration

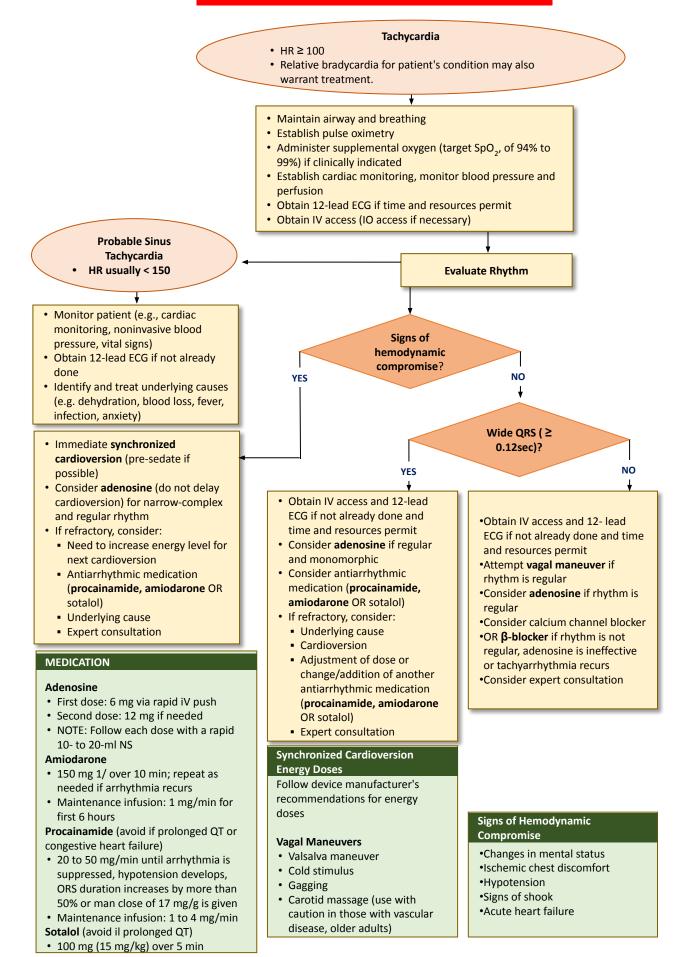
ADULT BRADYARRHYTHMIA



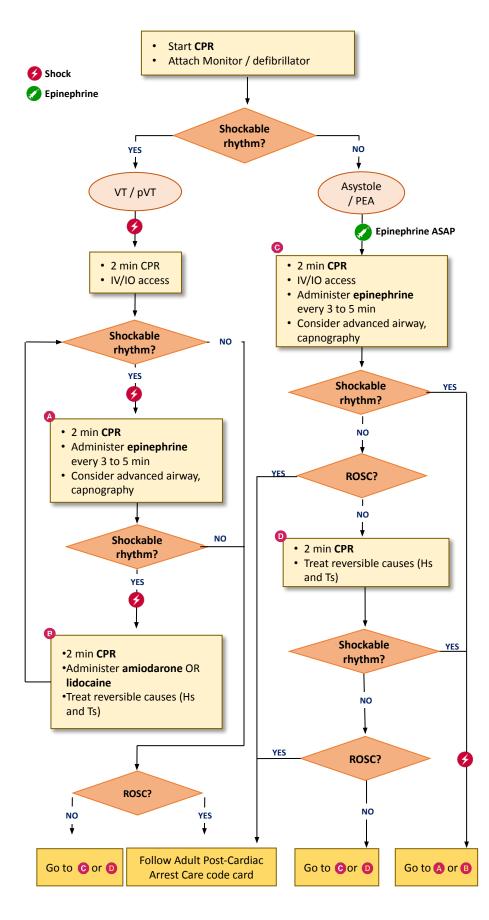
*Consider implementing transcutaneous pacing or -adrenergic agonist therapy immediately for patients with second-degree AV block type I or third-degree AV/ block.

Consider implementing transcutaneous pacing immediately if vascular access is difficult to achieve.

ADULT TACHYARRHYTHMIA



ADULT CARDIAC ARREST CARE



Defibrillation Energy Doses

Biphasic: Per manufacturer's recommendations (e.g., 120 to 200 J) or if unknown, max available; subsequent doses equal to or greater than first dose Monophasic: 360 J for all doses

Medications

Epinephrine 1 mg IVAO bolus every 3 to 5 min Amiodarone First dose: 300 mg IV/iO bolus Second dose: 150 mg after 3 to 5 min Lidocaine

First dose: 1 to 1.5 mg/kg IVIO Subsequent doses: 0.5 to 0.75 mg/ kg IV/IO every 5 to 10 min, up to a max dose of 3 mg/kg

High-Quality CPR

Compress at a rate of 100 to 120 compressions per min and a depth of at least 2 inches (5 cm); allow for full chest recoil Minimize interruptions to chest

compressions to less than 10 sec Avoid excessive ventilations. Each ventilation should last about 1 sec and make the chest begin to rise Without advanced airway: 30 compressions: 2 ventilations With advanced airway: continuous compressions; deliver 1 ventilation every 6 sec without pausing

compressions

Rotate compressor every 2 min Monitor CPR quality with ETCO, arterial blood pressure (if available)

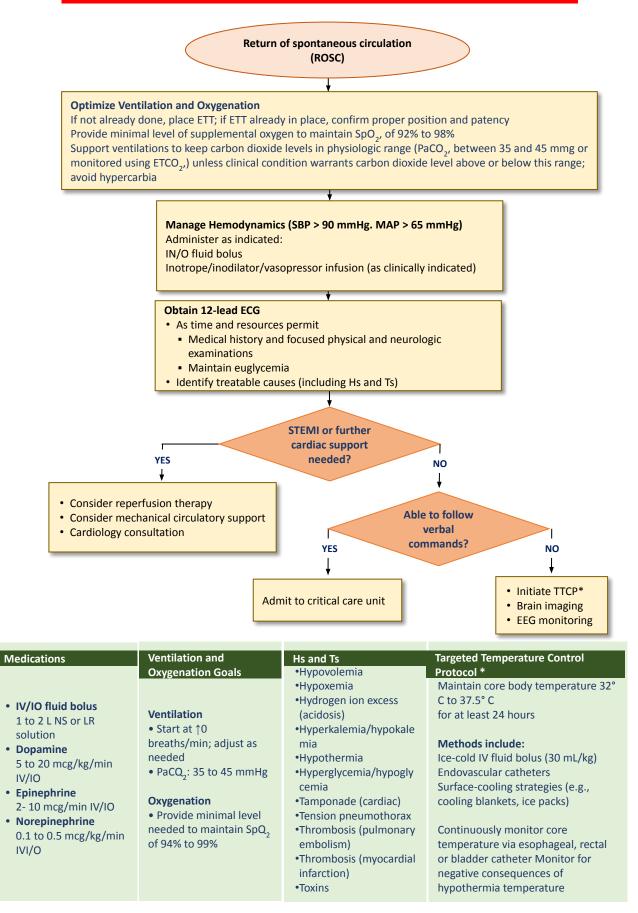
What Is ROSC?

- Sudden and sustained increase in ETCO,,
- •Arterial pulse waveform on an A-line when no compressions are being delivered
- •Additional signs, including patient movement, normal breathing or

Hs and Ts

- Hypovolemia
- Hypoxemia
- •Hydrogen ion excess (acidosis)
- •Hyperkalemia/hypokalemia
- Hypothermia
- •Hyperglycemia/hypoglycemia
- Tamponade (cardiac)
- Tension pneumothorax
- Thrombosis (pulmonary embolism) •Thrombosis (myocardial infarction)
- Toxins

ADULT CARE FOLLOWING RESUSCITATION



ACLS Providers should not initiate TTCP in the prehospital setting. Defer to local protocols and team decision based on the latest guidelines. *TTCP: Targeted Temperature Control Protocol.