**BRADYCARDIA**

**Indications**
- HR <50 with adequate or inadequate perfusion

- **Unstable?**
  - Signs of poor perfusion:
    - Decreased LOC
    - SBP <100
    - Chest pain

- **No**
  - ALS RMC

- **Yes**
  - **Atropine** 1mg IV/IO
    - Repeat q3-5 min to total of 3mg
    - Atropine should not delay pacing for patients with inadequate perfusion

  - **NS** fluid bolus of 250-500ml IV/IO if hypotensive and lungs clear
    - Repeat as needed

  - **If NS bolus ineffective**
    - Transcutaneous pacing

  - **If SBP <80 mmHg**
    - ** PHYSICIAN CONSULT** for **Push-dose Epinephrine**
      - Mix 1ml Epinephrine (0.1mg/ml concentration) with 9ml NS in a 10ml syringe
      - Administer **Push-dose Epinephrine** 1ml IV/IO
      - Repeat every 3-5 min
      - Titrate to maintain SBP >80mmHg
      - Monitor BP every 5 minutes

**SPECIAL CONSIDERATION**
- **Reversible Causes**
  - Hypovolemia
  - Hypoxia
  - Hydrogen Ion (Acidosis)
  - Hypo/Hyperkalemia
  - Hypothermia
  - Tension Pneumothorax
  - Tamponade (cardiac)
  - Toxins
  - Thrombus
  - Trauma