**History**
- Blood loss
- Fluid loss (vomiting, diarrhea or fever)
- Infection (e.g., UTI, cellulitis, etc.)
- Cardiac ischemia (MI or CHF)
- Medications
- Allergic reaction
- Pregnancy
- History of poor oral intake

**Signs and Symptoms**
- Restlessness or confusion
- Weakness or dizziness
- Weak, rapid pulse
- Pale, cool, clammy skin signs
- Delayed capillary refill
- Hypotension
- Coffee-ground emesis
- Tarry stools

**Diagnosis**
- Shock (hypovolemic, cardiogenic, septic, neurogenic or anaphylaxis)
- Ectopic pregnancy
- Cardiac dysrhythmias
- Pulmonary embolus
- Tension pneumothorax
- Medication effect or overdose
- Vasovagal effect
- Physiologic (pregnancy)

**Blood glucose analysis**
- Cardiac monitor
- IV/IO procedure
- 12-Lead ECG
- Airway TGs, if indicated

**History, exam and circumstances often suggest (type of shock)**

**WAS TRAUMA INVOLVED?**

**Septic patient?**

**Consider hypovolemic (bleeding), neurogenic (spinal injury) and obstructive (pneumothorax) shock**

**Normal Saline bolus 500ml IV/IO**
- Repeat to goal SBP > 90
- Maximum 2L

**Exit to appropriate TG**

**Notify receiving facility.**
**Contact Base Hospital for medical direction, as needed.**

**MD**
**Normal Saline**
**Contact Base Hospital Physician for additional order**
Pearls

- Hypotension can be defined as a systolic blood pressure of less than 90mmHg. This is not always reliable and should be interpreted in context with the patient’s typical BP, if known. Shock may be present with a seemingly normal blood pressure initially.
- Shock is often present with normal vital signs and may develop insidiously. Tachycardia may be the only manifestation.
- Consider all causes of shock and treat per appropriate Treatment Guideline.
- Hypovolemic shock:
  - Hemorrhage, trauma, GI bleeding, ruptured AAA, or pregnancy-related bleeding
- Cardiogenic shock:
  - Heart failure, MI, cardiomyopathy, myocardial contusion, ruptured ventricle/septum/valve or toxins
- Distributive shock:
  - Sepsis, anaphylactic, neurogenic, or toxins
  - Neurogenic shock generally presents with warm, dry, and pink skin with normal capillary refill time; patient typically alert
- Obstructive shock:
  - Pericardial tamponade, PE, or tension pneumothorax
  - Signs may include hypotension with distended neck veins, tachycardia, unilateral decreased breath sounds or muffled heart tones