Penetrating Chest Trauma

- **PULSE**
  - **Listen for Breath Sounds**
    - **NO PULSE**
      - No Pulse or in EXTREMIS
        - ED Thoracotomy
  - **Hypotensive or Tachycardic**
  - **Equal?**
    - **YES**
      - Check Breath Sounds Again
    - **NO**
      - **Cardiac FAST Pericardial Fluid?**
        - **NO**
          - Initiate Blood Transfusion
        - **YES**
          - Assess Location or Wounds
  - **Needle Decompression or Tube Thoracostomy on Decreased Side**
    - **Drainage?**
      - **YES**
        - To OR for Thoracotomy
      - **NO**
        - Smaller amount
          - Reassess Vitals
  - **>1500 ML or >200 ML's/Hr**
    - To OR for Thoracotomy
  - **<1500 ML or <200 ML's/Hr**
    - Reassess Vitals

- **Chest Only**
  - **Within the Box Unstable?**
    - **YES**
      - To OR for Sternotomy
    - **NO**
      - CXR

- **Within the Neck**
  - **YES**
    - To OR for Thoracotomy
  - **NO**
    - OR

- **Neck Trauma Algorithm**