



# Jackson Hole Fire/EMS Operations Manual

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Title: **Treatment Protocol:  
Congestive Heart Failure**

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## CONGESTIVE HEART FAILURE (Treatment Protocol)

### ALL PROVIDERS

- Maintain open airway
- Administer oxygen 2-6L via nasal cannula, may increase to 100% NRB needed to maintain an oxygen saturation of > 94%. If O2 saturation does not improve then positive pressure ventilation may be indicated.

#### ADULT

#### PEDIATRIC

##### EMT-BASIC PROVIDER

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- If BP > 100 systolic, position with head elevated 30 degrees (semi-Fowler's) and hang lower legs below the gurney.
- If severe respiratory distress develops assist ventilations with BVM
- Support Respiratory System as needed.

##### EMT-INTERMEDIATE PROVIDER

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- Apply cardiac monitor & acquire 12 lead EKG
- Establish IV NS TKO
- If BP is >120 systolic administer NTG  
May repeat NTG times three if BP remains >100 systolic
- If respiratory distress is present consider CPAP (see CPAP protocol)
- If signs of poor cardiac output are present and lungs are clear consider a **250mL-500mL fluid bolus**
- Consider **Morphine or Fentanyl** if BP > 100 systolic (Voice Order)
- Apply cardiac monitor & acquire 12 lead EKG
- Establish IV NS TKO

##### EMT-PARAMEDIC PROVIDER

##### EMT-PARAMEDIC PROVIDER

- Follow as above
- Follow as above