SAINT LOUIS REGIONAL TRAUMA CLASSIFICATION CRITERIA

- Glasgow Coma Scale ≤ 13 (at time of report)
- Systolic blood pressure < 90
- Respiratory rate < 10 or > 29
- Airway compromise, flail chest, hemo or pneumothorax
- Active hemorrhage
- Penetrating injuries to head, neck, torso
- Extremity trauma with loss of distal pulse
- Amputation proximal to wrist or ankle
- Paralysis or signs of spinal cord injury
- Major burns of > 20% BSA or any signs of inhalation injury
- 200 volt or higher electrical injury
- Two or more long-bone fractures (humerus/femur)
- Paramedic discretion

Class I Trauma
Transport to trauma center

- Auto crash
  - Initial speed > 40 mph
  - Major auto deformity > 20 inches
  - Intrusion into passenger compartment > 12 inches
  - Death in same passenger compartment
  - Extraction time > 20 minutes
  - Ejection from automobile or auto rollover
- Auto-pedestrian/auto-bicycle injury with (>5 mph) impact
- MCC or ATV crash > 20 mph or separation of rider from bike
- Assault with LOC
- Falls > 12 feet
- Pelvic fractures
- All open fractures
- All degloving/Compression injuries
- Penetrating injuries to extremities proximal to elbow or knee
- Amputation distal to wrist or ankle of two or more digits
- Pregnancy with acute abdominal pain

Class II Trauma
Transport to trauma center

- MVC < 40 MPH or UNK speed
- Assault without LOC
- Burns < 20%
- Auto-pedestrian and auto-bicycle < 5 mph impact
- MCC/ATV crash < 20 mph
- All falls of =/> 5 ft/5 steps
- Penetrating injury distal to elbow or knee
- Pregnant patients involved in traumatic event

Class III Trauma
Preferential transport to closest hospital

7/03, Revised 10/03, 11/03, 1/04, 4/04, 6/04