

**MEHLVILLE FIRE PROTECTION DISTRICT
EMERGENCY MEDICAL SERVICES
GUIDELINES FOR PREHOSPITAL EMERGENCY CARE**

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**SUBJECT: 1000.04
PEDIATRICS:
TRAUMA CLASSIFICATION
CRITERIA**

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The EMS Provider must assure that all seriously injured pediatric patients are properly identified, stabilized, and transported to the closest most appropriate designated trauma center. The St. Louis Regional Trauma Classification Criteria will be used to identify the seriously injured pediatric patient.

Class I Pediatric Trauma: should be transported to a Level I Pediatric Trauma Center.

- GCS 13 or less,
- Respiratory distress,
- Airway compromise,
- Respiratory rate
 - Children 10 and above: <10 or >29
 - Children below 10: <15 or >25
 - Toddlers 1-3 years: <20 or >40
 - Infants 1-12 months: <30 or >50
- Systolic Blood Pressure of less than 80 mmHg,
- Pediatric trauma score 8 or less,
- Revised trauma score of 11 or less,
- Active hemorrhage,
- Significant blood loss, unstable dynamics, shock,
- Cool, clammy skin,
- LOC greater than 5 minutes or changes in neurologic signs,
- Spinal cord injury,
- Maxillo-facial or upper airway injury,
- Penetrating trauma to the head, face, neck, chest, abdomen, or groin,
- Fractures of the axial skeleton (head, trunk, pelvis),
- Extremity trauma with loss of distal pulse,
- 2 or more long bone segment fractures,
- All amputations,
- Burns of 10% BSA or more, chemical, electrical, circumferential, or flame,
- Burns of face or any signs of inhalation injury,
- More than 2 systems injured,
- Auto crash,
 - Crash speed > 40 mph,
 - Internal damage to vehicle,
 - Intrusion into passenger compartment > 12 inches,
 - Death or severe injury of same care occupant,
 - Prolonged extrication of > 20 minutes,
 - Ejection from the vehicle,
 - Vehicle rollover.
- Pedestrian struck at 20 mph or greater, hit, dragged or run over,
- Falls greater than 10 feet,
- Accident in hostile environment (heat, cold, water, etc.),
- Paramedic discretion.

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Class II Pediatric Trauma: should be transported to a Level I Pediatric Trauma Center.

- Head injury (LOC < 5minutes, GCS = 13-14),
- Penetrating injuries to extremities proximal to elbow or knee,
- All open fractures,
- All degloving/crush injuries,
- Auto crash speed > 20 mph and internal damage to vehicle,
- Auto pedestrian/auto bicycle injury with > 5 mph impact
- MCC or ATV crash > 20 mph or separation of rider,
- Assault with loss of consciousness,
- Falls 5-10 feet,
- Pediatric trauma score 9 or higher,
- Revised trauma score 12 or higher.

Class III Pediatric Trauma: Preferential transport to closest hospital.

- MVC < 20 mph or unknown slow speed,
- MCC/ATV crash < 20 mph,
- Auto pedestrian and auto bicycle < 5 mph impact
- Assault with LOC, GCS = 15,
- Penetrating injury distal to elbow or knee,
- Burns < 10%.