

TT. TRAUMA DECISION TREE

Measure vital signs and level of consciousness and assess for major injury

Category A

<input type="checkbox"/> GCS less than or equal to 8 or Systolic BP less than 90 (Adult) less than 60 (Peds) or Respiratory rate less than 10 or greater than 29		
<input type="checkbox"/> Flail chest	<input type="checkbox"/> Pelvic fracture	<input type="checkbox"/> Penetrating injuries to head, neck, or torso
<input type="checkbox"/> Rapidly declining GCS	<input type="checkbox"/> Paralysis (spine)	<input type="checkbox"/> Open or depressed skull fracture
<input type="checkbox"/> 2 or more proximal long-bone fractures		

YES

Transport to trauma center or specialty center per protocol; alert trauma team; consider helicopter transport if quicker and of clinical benefit (Refer to II GPC I).

NO

Assess for other injuries.

Category B

<input type="checkbox"/> GCS 9 - 14	<input type="checkbox"/> Crushed, degloved, or mangled extremity
<input type="checkbox"/> Paralysis or vascular compromise of limb	<input type="checkbox"/> Penetrating injuries to extremities proximal to elbow or knee
<input type="checkbox"/> Amputation proximal to wrist or ankle	<input type="checkbox"/> Combination trauma with burns

YES

Transport to trauma center or specialty center per protocol; alert trauma team; consider helicopter transport if quicker and of clinical benefit (Refer to II GPC I).

NO

Evaluate for evidence of mechanism of injury and high-energy impact.

Category C

<input type="checkbox"/> High Risk Auto Crash		
<ul style="list-style-type: none"> • Intrusion greater than 12 in. occupant site; greater than 18 in. any site • Ejection (partial or complete) from vehicle • Death in same passenger compartment • Vehicle telemetry data consistent with high risk of injury 	<ul style="list-style-type: none"> • Rollover without restraint • Auto v. pedestrian/bicyclist thrown, run over, or with significant (20 mph) impact • Motorcycle crash greater than 20 mph 	
<input type="checkbox"/> Falls greater than 3 times patient's height	<input type="checkbox"/> Exposure to blast or explosion	

YES

Transport to Trauma Center; alert trauma team. Patients within a **30-minute drive time** of the closest appropriate trauma/specialty center shall go by ground unless there are extenuating circumstances. Receiving Trauma Center Medical Consultation required when considering whether helicopter transport is of clinical benefit (Refer to II GPC I).

NO

Evaluate for other considerations.

Category D

<input type="checkbox"/> Age less than 5 or greater than 55	<input type="checkbox"/> Burns without trauma mechanism go to burn center
<input type="checkbox"/> Patient with bleeding disorder or patient on anticoagulants	<input type="checkbox"/> Pregnancy greater than 20 weeks
<input type="checkbox"/> Dialysis patient	<input type="checkbox"/> EMS provider judgment

YES

Consider medical direction and transport to trauma center. Patients within a **30-minute drive time** of the closest appropriate trauma/specialty center shall go by ground unless there are extenuating circumstances. Consider helicopter transport if of clinical benefit (Refer to II GPC I). Receiving Trauma Center Medical Consultation required when considering whether helicopter transport is of clinical benefit (Refer to II GPC I).

NO

Transport according to protocol.