

University of Virginia  
2014 PREHOSPITAL TRAUMA ALERT CRITERIA

**ALPHA ALERT:** Full team response, Attending trauma surgeon presence required within 15 minutes of patient arrival.

1. Airway:
  - a. Airway obstruction or respiratory compromise (including intubated patients)
  - b. All patients with facial burns/singed facial hair with dyspnea or altered voice
  - c. All patients intubated in the field
2. Respiratory
  - a. Respiratory compromise (inability to maintain SpO<sub>2</sub> >90% with supplemental oxygen, whether intubated or not)
3. Circulatory
  - a. Confirmed hypotension (SBP < 90 on 2 consecutive measurements)
  - b. Age specific hypotension in pediatrics (SBP < 80 + 2x age)
  - c. Absence of peripheral pulses
  - d. GSW to neck, chest, or abdomen
4. Neurologic
  - a. All unconscious trauma patients
  - b. GCS ≤ 8
5. Trauma in advanced pregnancy (> 20 weeks or fundus above umbilicus) with abdominal trauma
6. Mass casualty incidents

**BETA ALERT:** Full team response, discretionary attending presence. Patient has NO Alpha Alert criteria and one or more of the following:

1. Severe single system injury (including penetrating head trauma)
2. Respiratory
  - a. Assisted ventilations but NOT intubated
  - b. Facial burns/singed hair WITHOUT altered voice or dyspnea
3. Cardiovascular
  - a. Cardiac arrest – Blunt mechanism
  - b. Relative hypotension (>90 but <100 mmHg, or <110mmHg in >65yrs)
4. Neurological

- a. GCS  $\leq$  13 OR GCS  $>$ 1 point below baseline OR nausea/vomiting
  - b. New tetraplegic, hemiplegic, or other persistent neurological deficit
5. MSK
- a. Two or more proximal long bone fractures
  - b. Amputation proximal to wrist or ankle
  - c. Crushed, degloved, or mangled extremity
6. Stab wound to neck, chest or abdomen
7. Burns
- a. Adult:  $>$ 40% TBSA
  - b. Pediatric:  $>$ 25% TBSA
  - c. Involving hands, face, genitals
8. Uncontrolled hemorrhage (with or without hemodynamic changes)
9. Concomitant thermal/multisystem injury

If patient meets ANY of the above criteria, please call MedCom (ASAP, preferably from scene" and state "**Patient meets Alpha/Beta trauma alert criteria**"