

REGIONAL TRAUMA MANAGEMENT AND TRANSFER CRITERIA

Major trauma patients should be transferred **within 2 hours of injury**
All trauma patients needing transfer should ideally occur **within 4 hours of injury**

Immediate Transfer Criteria

(Any one of these, transfer to trauma center)

CNS:

- ✧ GCS \leq 13, abnormal or deteriorating
- ✧ Spinal Cord Injury or neuro deficits
- ✧ Intubated/ RSI

Shock:

- ✧ Adult: BP <90, HR > 120
- ✧ Geriatric (age \geq 65): BP <110
- ✧ Pediatric: SBP < 70 + (2 x age in yrs) HR <60 or >160

Torso:

- ✧ Major chest wall injury, Pneumothorax, Hemothorax, SP02<92%
- ✧ Cardiac injury or widened mediastinum
- ✧ Suspected intra-abdominal injury
- ✧ Unstable Pelvis

Multisystem Injuries:

- ✧ Penetrating injury to Head/Neck/Chest/Abd/Pelvis
- ✧ Injury to multiple body regions

Extremities:

- ✧ Severe open fractures
- ✧ Multiple long bones fractures
- ✧ Crushed, degloved, or mangled extremity
- ✧ Amputation proximal to wrist or ankle

Consider co-morbid factors

Burns: Consider direct Burn Center transfer

Primary Management

Airway/ C-Spine:

- ✧ Protect and Secure if needed (post intubation CXR)
- ✧ Immobilize C-spine if not cleared

Breathing:

- ✧ Chest tube (any size) if needed

Circulation:

- ✧ Hemorrhage (consider tourniquet early)
- ✧ eFAST (if available)
- ✧ Adult: 1L Crystalloid, then PRBC
- ✧ Pediatric: 2 x 20 ml/kg Crystalloid, then 10ml/kg PRBC

Radiology:

- ✧ AP Chest & AP Pelvis (if torso injury) films
- ✧ **Do Not CT** if transferring, only resuscitate/warm

Secondary Management

Focused Assessment-

- ✧ Foley (after eFAST)
- ✧ OG tube if intubated
- ✧ Neuro exam
- ✧ Reevaluate resuscitation adjuncts
- ✧ Prep for transfer
- ✧ Continue resuscitation & warming



When giving report to accepting facility, please provide the following information:

- ✓ Time of Injury, ED arrival Time, Mechanism of Injury
- ✓ Prehospital details (Highest HR, lowest BP, lowest GCS)
 - ✓ Medications (doses and administration times)
 - ✓ TXA administration/Blood products given/IVF
 - ✓ Pertinent labs, imaging done
 - ✓ Injuries identified

Atrium Health CMC (Level 1)
Atrium Health Cabarrus (Level 3)
Atrium Health Cleveland (Level 3)
Physician Connection Line (PCL)
704-512-7878 / 877-492-9680
Or Yellow Phone

CaroMont Regional Medical Center
(Level 3)
704-834-2266

Novant Health Presbyterian
Medical Center
(Level 3)
Doctor Connect Line
888-599-2120