



Medical Directive

Directive Number	<u>10-01</u>
Publish Date	<u>13 January 2010</u>
Effective Date	<u>20 January 2010</u>
Subject	<u>Revision of Hospital Transport Guidelines & Adult and Pediatric Trauma Criteria</u>
Page	<u>1 of 4</u>
Revision of CMPMP & Clinical Operating Guidelines v 10.01.08A	

ECA/EMR Provider	Action
EMT-Basic/EMT Provider	Action
EMT-Intermediate/AEMT Provider	Action
EMT-Paramedic PM1 Provider	Action
EMT-Paramedic PM2 Provider	Action
EMD Provider	Action

Due to the recent opening of two Level 2 Trauma Centers within our transport area we are changing our Hospital Transport Guidelines as well as the Adult and Pediatric Trauma Criteria.

Please find attached three documents:

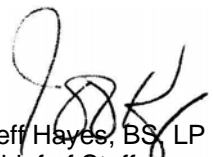
- Revised and updated Hospital Transport Guidelines
- Adult and Pediatric Trauma Alert Criteria.
- Revised Pediatric Trauma Transport Criteria

These documents will also be posted on the OMD Website for your reference at www.ATCOMD.org
 This directive will become effective at **0600 on Wednesday, January 20, 2010.**

The changes specifically address the following:

- **Adult Trauma Alert and Transports** will be transported to the nearest Level 1 or Level 2 Trauma Center.
- **Pediatric Trauma Transports** will be transported to Dell Children’s Medical Center, Round Rock Medical Center or Seton Williamson County, whichever is closer.
- **Pediatric Trauma Alerts** will be transported to Dell Children’s Medical Center.

Thanks for all you do. As always, please let us know if you have any questions.


 Jeff Hayes, BS, LP
 Chief of Staff
 Office of the Medical Director



Paul R. Hinchey, MD
 Austin-Travis County EMS System Medical Director
 ESV#012010766

Hospital Transport Guidelines

Advanced Provider	◆
Emergency Medical Dispatch	◆

NOTES/PRECAUTIONS

- **Decisions regarding patient destination should be made in the following order, AGE appropriate and:** Trauma ALERT & Trauma TRANSPORT, **if not then** Condition listed below (closest designated facility) **if not then** Patient and/or family preference **if not then** Closest facility listed.

Comprehensive List of Approved Transport Facilities

University Medical Ctr. Brackenridge Hospital	Dell Children's Medical Center	Heart Hospital of Austin	North Austin Medical Center
Round Rock Hospital	Seton Medical Center	Seton Northwest Hospital	Seton Southwest Hospital
South Austin Hospital	St. David's Medical Center	Westlake Medical Center	Austin Women's Hospital
University Medical Campus Round Rock, S & W	Seton Williamson County	Cedar Park Regional Medical Center	

- ▶ **Trauma ALERT or Trauma Transport** ≥15 yrs Brackenridge, Round Rock or Seton Williamson County Hospitals
- ▶ **Trauma ALERT (less than)** < 15 yrs Dell Children's Medical Center (**EXCEPT – OB**)
- ▶ **Trauma Transport (less than)** < 15 yrs Dell Children's Medical Center, Round Rock or Seton Williamson County Hospital, whichever facility is closest.
- ▶ **STEMI ALERT with 12 Lead Transmission (when available)** ≥ 18 yrs All Hospitals **EXCEPT:** Seton Northwest Hospital, Seton Southwest Hospital, Dell, University Medical Campus RR, Cedar Park Regional Medical Center and Austin Women's Hospital.
- ▶ **STEMI ALERT with 12 Lead Transmission (when available)** < 18 yrs Dell Children's Medical Center (**EXCEPT – OB**)
- ▶ **Stroke ALERT Level 1** ≥18 yrs Brackenridge Hospital, Seton Medical Center, and St. David's Medical Center
- ▶ **Stroke ALERT Level 2** ≥18 yrs North Austin Medical Center
- ▶ **Stroke ALERT** < 18 yrs Dell Children's Medical Center (**EXCEPT – OB**)
- ▶ **Resuscitation ALERT** ≥ 18 yrs Brackenridge Hospital, Round Rock Hospital, South Austin Hospital, Seton Medical Center, St. David's Medical Center, Seton Williamson County, Heart Hospital of Austin, North Austin Medical Center
- ▶ **Resuscitation ALERT** < 18 yrs Dell Children's Medical Center (**EXCEPT - OB**)
- ▶ **Basic Receiving Facility** ≥ 18 yrs (Alpha, Bravo, Charlie–non OB) All Hospitals **EXCEPT:** Dell and Austin Women's Hospital
- ▶ **Basic Receiving Facility** < 18 yrs (Alpha, Bravo, Charlie–non OB) All Hospitals **EXCEPT:** Austin Women's Center
- ▶ **Comprehensive / Critical Care Facility** ≥18 yrs (Delta & Echo – non trauma/non OB) All Hospitals **EXCEPT:** Seton Southwest Hospital, Westlake Medical Center, University Medical Campus RR, Dell, Cedar Park Regional Medical Center and Austin Women's Hospital
- ▶ **Comprehensive / Critical Care Facility** <18 yrs (Delta & Echo – non trauma/non OB) Dell Children's Medical Center
- ▶ **OB ECHO Patients** All Ages, Brackenridge
- ▶ **OB Delta Patients** All Ages, All Hospitals **EXCEPT:** Dell Children's Medical Center, Heart Hospital of Austin, Westlake Medical Center, Seton Southwest and University Medical Campus RR, Cedar Park Regional Medical Center

- ▶ **OB Pre-Registered and/or OB Alpha, Bravo, Charlie, Patients** All Ages, All Hospitals **EXCEPT:** Dell Children's Medical Center, Heart Hospital of Austin, and Westlake Medical Center
- ▶ **Diving Barotraumas (HBO)** All Ages, St. David's Medical Center
- ▶ **Sexual Assault** ≥18 yrs St. David's Medical Center
- ▶ **Sexual Assault** <18 yrs Dell Children's Medical Center (**EXCEPT – OB or Menses has begun or Male ≥12 yrs old**)

Summary of System approved "**ALERT**" notifications:

- ▶ STEMI ALERT Criteria Appendix C – 11
- ▶ STROKE ALERT Criteria Appendix C – 12
- ▶ TRAUMA ALERT/Transport Criteria Appendix C – 9
- ▶ RESUSCITATION ALERT Criteria Appendix C – 13

The "**ALERT**" status declaration is made to Communications and is for their assistance (as needed) in determining the most appropriate transport destination (based on time, distance and facility level/type). Communications will provide an "**ALERT**" notification to the selected Hospital, then, communications will advise of destination and facilitate the most expeditious mode of Transport (Ground or Air).

Regional Trauma System Adult and Pediatric Trauma Criteria

EMS TRAUMA ALERT Patients should be transported to the System Designated Adult or Pediatric Trauma Center as rapidly as possible and with early notification of the receiving facility	
Adult Trauma Alert Criteria [Including Pregnant Pediatric Trauma Patients]	Pediatric Trauma Alert Criteria (< 15 yrs) [NOT Pregnant Pediatric Trauma Patients]
Traumatic injury with signs of shock	Traumatic injury with signs of shock.
Any airway or respiratory compromise secondary to trauma, obstruction or inhalation or need for intubation.	Any airway or respiratory compromise secondary to trauma, obstruction or inhalation or need for intubation.
Penetrating injuries to the head, neck, torso or extremities proximal to the elbow or knee.	Penetrating injuries to the head, neck, torso or extremities proximal to the elbow or knee.
Traumatic injury with GCS ≤ 8 without sedation.	Traumatic injury with GCS ≤ 8 without sedation.
Suspected spinal cord injury with neurologic findings.	Suspected spinal cord injury with neurologic findings.
Amputation proximal to wrist or ankle	Amputation proximal to wrist or ankle
Depressed or open skull fracture	Depressed or open skull fracture
Flail Chest	Flail Chest
Potential pelvic fracture	Potential pelvic fracture
Two or more proximal long bone fractures	Two or more proximal long bone fractures
Burns with associated inhalation injury or 2nd or 3 rd degree burns greater than 20% of body surface area.	Burns with associated inhalation injury or 2nd or 3rd degree burns greater than 20% of body surface area.

All Providers	◆
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EMS TRAUMA TRANSPORT	
Patients should be transported to any System Designated Level 1 or Level 2 Trauma Center	
Adult Trauma Transport Criteria	Pediatric Trauma Transport Criteria (< 15 yrs)
	Pediatric Trauma Transport patients shall be transported to the closest of the following: <ul style="list-style-type: none"> ▶ Dell Children’s Medical Center ▶ Round Rock Medical Center ▶ Seton Williamson County
Traumatic Cardiopulmonary Arrest – Closest Level 1 or Level 2 Trauma Center	
Traumatic injuries with a GCS 9 -14	Traumatic injuries with a GCS 9 -14
Falls greater than 10 feet	Falls greater than 10 feet
Motorized Vehicle Crashes with reported history of: <ul style="list-style-type: none"> ▶ Ejection of the patient from the vehicle ▶ Prolonged extrication > 20 minutes ▶ Auto rollover collision > 90 degrees ▶ Death or Trauma Alert or Trauma Transport designation of any occupant in same vehicle ▶ Automobile impact speed > 40 MPH ▶ Motorcycle or watercraft crashes > 20 MPH ▶ Auto vs. pedestrian or Auto vs. bicycle collisions > 10 MPH 	Motorized Vehicle Crashes with reported history of: <ul style="list-style-type: none"> ▶ Ejection of the patient from the vehicle ▶ Prolonged extrication > 20 minutes ▶ Auto rollover collision > 90 degrees ▶ Death or Trauma Alert or Trauma Transport designation of any occupant in same vehicle ▶ Automobile impact speed ≥ 40 MPH ▶ Motorcycle or watercraft crashes > 20 MPH ▶ Auto vs. pedestrian or Auto vs. bicycle collisions > 10 MPH
2nd or 3rd degree burns between 5% - 20% BSA	2nd or 3rd degree burns between 5% - 20% BSA
Blunt trauma patients with co-existing conditions: <ul style="list-style-type: none"> ▶ Immunosuppression ▶ Coagulopathy ▶ Pregnancy (ANY AGE) 	Blunt trauma patients with co-existing conditions: <ul style="list-style-type: none"> ▶ Immunosuppression ▶ Coagulopathy
Hanging or strangling mechanism	Hanging or strangling mechanism
3 or more long bone fractures	3 or more long bone fractures
Crush injuries proximal to the wrist or ankle	Crush injuries proximal to the wrist or ankle
Presumed Venomous snake bite	Presumed Venomous snake bite