



# Medical Directive

Directive Number	<u>10-02</u>
Publish Date	<u>23 February 2010</u>
Effective Date	<u>23 February 2010</u>
Subject	<u>Revision of the Transport Guidelines</u>
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Update to CMPMP & Clinical Operating Guidelines v 10.01.09	

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

On January 13, 2010 the OMD issued Medical Directive 10-01. This directive effected changes to the Transport Guidelines to begin utilization of the newly opened trauma centers for both adult and pediatric patients. In order to simplify the transport decision and assure that our pediatric patients receive the specialized care they need, the transport destination guidelines are being further modified. These minor changes direct pediatric patients to Dell Children’s Hospital whenever possible but allow greater discretion for field providers to determine the destination if the patient condition or transport time places the patient at risk.

The Transport Guidelines have also been modified to reflect the 24/7 availability of SANE (sexual assault nurse) services at: St. David’s Round Rock Medical Center Emergency Department.

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

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# Hospital Transport Guidelines

Advanced Provider (PM2)	◆
Emergency Medical Dispatch (EMD)	◆

## NOTES/PRECAUTIONS

- **Decisions regarding patient destination should be made in the following order, AGE appropriate and:** Trauma ALERT & Trauma TRANSPORT (closest), *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	

### SINGLE TRAUMA PATIENT IN THE UNIT

- ▶ **Trauma ALERT or Trauma Transport** ≥15 yrs **OR** < 15 yrs **(With OB or Cardiac Arrest)** closest Adult level 1 or 2 Trauma Center: UMC Brackenridge, Round Rock or Seton Williamson County Hospitals
- ▶ **Trauma ALERT or Trauma Transport** < 15 yrs Dell Children's Medical Center **(EXCEPT – OB)** unless a prolonged transport would potentially compromise the patient, then closest Adult level 1 or 2 Trauma Center for immediate stabilization, then on to Dell.

### MULTIPLE TRAUMA PATIENTS IN THE SAME UNIT

- ▶ **Guiding principle of trauma transportation destination decision with multiple patients in the unit:** The most severely injured patient determines the destination unless a prolonged transport would potentially compromise either patient, then closest level 1 or 2 Trauma Center.
- ▶ **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 UMC 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 UMC 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, UMC 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 and St. David's Round Rock Medical Center
- ▶ **Sexual Assault** <18 yrs Dell Children's Medical Center (**EXCEPT – OB or Menses has begun or Male ≥12 yrs old - these go to St. David's Medical Center or St. David's Round Rock Medical Center**)

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 Criteria

Patients should be transported to a System Designated Adult ( ≥ 15 yrs ) or Pediatric ( < 15 yrs ) Trauma Center as rapidly as possible and with early notification of the receiving facility.

### EMS TRAUMA ALERT

Traumatic injury with signs of shock

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.

Traumatic injury with GCS ≤ 8 without sedation.

Suspected spinal cord injury with neurologic findings.

Amputation proximal to wrist or ankle

Depressed or open skull fracture

Flail Chest

Potential pelvic fracture

Two or more proximal long bone fractures

Burns with associated inhalation injury **or** 2nd or 3<sup>rd</sup> degree burns greater than 20% of body surface area.

### EMS TRAUMA TRANSPORT

Traumatic injuries with a GCS 9 -14

Falls greater than 10 feet

Motorized Vehicle Crashes with reported history of:

- ▶ 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

Blunt trauma patients with co-existing conditions:

- ▶ Immunosuppression
- ▶ Coagulopathy
- ▶ Pregnancy

Hanging or strangling mechanism

3 or more long bone fractures

Crush injuries proximal to the wrist or ankle

Presumed Venomous snake bite