

**REGION I EMERGENCY MEDICAL SERVICES  
STANDING MEDICAL ORDERS  
EMT – Basic, EMT – Intermediate, EMT – Paramedic**

**APPENDIX: Glasgow Coma Score/ Revised Trauma Score**

**ADULT GLASGOW COMA SCORE**

|                             |  |               |
|-----------------------------|--|---------------|
| <b>AREAS OF RESPONSE</b>    |  |               |
| <b>EYE OPENING</b>          | Eyes open <i>Spontaneously</i>                           | 4             |
|                             | Eyes open in response to <i>Voice</i>                    | 3             |
|                             | Eyes open in response to <i>Pain</i>                     | 2             |
|                             | No eye opening response                                  | 1             |
| <b>VERBAL RESPONSE</b>      | <i>Oriented</i> (e.g., to person, place, time)           | 5             |
|                             | <i>Confused</i> , speaks but is disoriented              | 4             |
|                             | <i>Inappropriate</i> but comprehensible words            | 3             |
|                             | <i>Incomprehensible</i> sounds but no words are spoken   | 2             |
|                             | None   | 1             |
| <b>MOTOR RESPONSE</b>       | <i>Obeys Commands</i> to move                            | 6             |
|                             | <i>Localized Painful</i> stimuli                         | 5             |
|                             | <i>Withdraws</i> from painful stimulus                   | 4             |
|                             | <i>Flexion</i> , abnormal <i>decorticate</i> posturing   | 3             |
|                             | <i>Extension</i> , abnormal <i>decerebrate</i> posturing | 2             |
|                             | No movement or posturing                                 | 1             |
| <b>TOTAL POSSIBLE SCORE</b> |  | <b>3 - 15</b> |
| <b>Severe Head Injury</b>   |  | $\leq 8$      |
| <b>Moderate Head Injury</b> |  | 9 – 12        |
| <b>Minor Head Injury</b>    |  | 13 - 15       |

## ADULT TRAUMA SCORE

The Trauma Score is a numerical grading system for estimating the severity of injury. The score is composed of the Glasgow Coma Scale (reduced to approximately one-third value) and measurements of cardiopulmonary function. Each parameter is given a number (high for normal and low for impaired function). Severity of injury is estimated by summing the numbers. The lowest score is 0, and the highest score is 12.

|  |                  |               |
|--|------------------|---------------|
| <b>RESPIRATORY RATE</b> (spontaneous patient-initiated inspirations/ minute) | 10 - 29 / minute | 4             |
|  | greater than 29  | 3             |
|  | 6 - 9 minutes    | 2             |
|  | 1 - 5 / minute   | 1             |
|  | None             | 0             |
| <b>SYSTOLIC BLOOD PRESSURE</b>   | Greater than 89  | 4             |
|  | 76 - 89 mm Hg    | 3             |
|  | 50 - 75 mm Hg    | 2             |
|  | 1 - 49 mm Hg     | 1             |
|  | No pulse         | 0             |
| <b>GLASGOW COMA SCALE</b><br>(see above)                                     | 13 – 15          | 4             |
|  | 9 – 12           | 3             |
|  | 6 – 8            | 2             |
|  | 4 – 5            | 1             |
|  | 3                | 0             |
| <b>TOTAL POSSIBLE SCORE</b>  |                  | <b>0 – 12</b> |

**PEDIATRIC GLASGOW COMA SCORE**

| AREAS OF RESPONSE           | >1 year   | < 1 year   |  | GCS                        |
|-----------------------------|---|--|--|----------------------------|
| <b>EYE OPENING</b>          | <i>Spontaneously</i><br>To <i>Verbal Command</i><br>To <i>Pain</i><br>No eye opening response   | <i>Spontaneously</i><br>To <i>Shout</i><br>To <i>Pain</i><br>No eye opening response   |  | 4<br>3<br>2<br>1           |
| <b>MOTOR RESPONSE</b>       | <i>Obeys Commands</i> to move<br><i>Localized Painful</i> stimuli<br><i>Withdraws</i> from painful stimulus<br><i>Flexion</i> , abnormal <i>decorticate</i> posturing<br><i>Extension</i> , abnormal <i>decerebrate</i> posturing<br>No movement or posturing | <i>Obeys Commands</i> to move<br><i>Localized Painful</i> stimuli<br><i>Flexion—normal</i><br><i>Flexion</i> , abnormal <i>decorticate</i> posturing<br><i>Extension</i> , abnormal <i>decerebrate</i> posturing<br>No movement or posturing |  | 6<br>5<br>4<br>3<br>2<br>1 |
| <b>VERBAL RESPONSE</b>      | > 5 years   | < 2 – 5 years  | 0 - 23 months  |                            |
|                             | <i>Oriented</i> and converses<br><br><i>Disoriented</i> but converses<br><i>Inappropriate</i> words<br><br><i>Incomprehensible</i><br>No response   | Appropriate words & phrases for age<br>Inappropriate words<br>Cries and/or screams<br>Grunts<br>No response  | Smiles, coos, cries appropriately<br>Cries<br>Inappropriate crying and/or screaming<br>Grunts<br>No response | 5<br>4<br>3<br>2<br>1      |
| <b>TOTAL POSSIBLE SCORE</b> | <b>3 - 15</b>   |  |  |                            |

**PEDIATRIC TRAUMA SCORE**

|                   | <b>VALUES</b> |                 |                            |
|-------------------|---------------|-----------------|----------------------------|
| <b>COMPONENT</b>  | <b>+2</b>     | <b>+1</b>       | <b>-1</b>                  |
| Size              | ≥ 20 kg       | 10 – 20 kg      | ≤ 10 kg                    |
| Airway            | Normal        | Maintainable    | Unable to maintain         |
| CNS               | Awake         | Obtunded        | Coma                       |
| Systolic BP       | ≥ 90 mm Hg    | 50 – 90 mm Hg   | ≤ 50 mm Hg                 |
| Open wound        | None          | Minor           | Major                      |
| Skeletal Injuries | None          | Closed fracture | Open or multiple fractures |