

Revised Trauma Score Worksheet

Patient name: _____ Date: _____

| Variable | Value | Score |
|-------------------------------|---------------|-------|
| Glasgow Coma Scale (GCS) | | |
| Systolic Blood Pressure (SBP) | mmHg | |
| Respiratory Rate (RR) | breaths / min | |

Revised Trauma Score (RTS) = (0.9368 × GCS Score) + (0.7326 × SBP Score) + (0.2908 × RR Score)

RTS = (0.9368 × _____) + (0.7326 × _____) + (0.2908 × _____) = _____

The RTS ranges from 0 to 7.8408, with a higher score indicating less severe injury and better chance of survival.

- RTS < 4 indicates the patient should be treated at a trauma center
- RTS < 3 indicates the patient is unlikely to survive, even with treatment

| Survival probability based on RTS | |
|-----------------------------------|----------------------|
| RTS | Survival probability |
| 0 | 2.7% |
| 1 | 7.1% |
| 2 | 17.2% |
| 3 | 36.1% |
| 4 | 60.5% |
| 5 | 80.7% |
| 6 | 91.9% |
| 7 | 96.9% |
| 7.8408 | 98.8% |

Additional notes