

Trauma Score: Revised

ALS BLS Protocol

Revised Trauma Score		
Respiratory Rate	10-29	= 4
	> 29	= 3
	6-9	= 2
	1-5	= 1
	NONE	= 0
.....		
Systolic BP mmHg	> 89	= 4
	76-89	= 3
	50-75	= 2
	1-49	= 1
	NO PULSE	= 0
.....		
Glasgow Coma Scale	13-15	= 4
	9-12	= 3
	6-8	= 2
	4-5	= 1
	3	= 0
Revised Trauma Score		<input type="text"/>

To calculate the Revised Trauma Score:
 Determine the patient's Respiratory Rate. If the RR is greater than 29 breathes per minute the patient receives a score of 3. You then calculate the patient's Systolic BP. If the patient's Systolic BP is less than 49 they receive a score of 1 for Systolic BP. Now calculate the Glasgow Coma Scale. If the patient's GCS is 8, the patient receives a score of 2 in this category. Add the 3 scores together. This gives you the patient's Revised Trauma Score. In this example, the RTS would be 6. Lower scores are associated with higher mortality. To see how to calculate a Glasgow Coma Scale, go to the Glasgow Coma Scale Protocol.

Adult & Children

Glasgow Coma Scale		
Eye	Spontaneous	4
	To Voice	3
	To Pain	2
	None	1

Best Verbal Response	Oriented	5
	Confused	4
	Inappropriate words	3
	Incomprehensible words	2

Best Motor Response	Obeys Commands	6
	Localizes Pain	5
	Withdraws (Pain)	4
	Flexion	3

	Extension	2
	None	1

Infant & Toddler

Glasgow Coma Scale		
Eye	Spontaneous	4
	To Voice	3
	To Pain	2
	None	1

Best Verbal Response	Smiles, Interacts	5
	Consolable	4
	Cries to Pain	3
	Moans to Pain	2

Best Motor Response	Normal Movement	6
	Localizes Pain	5
	Withdraws (Pain)	4
	Flexion	3

	Extension	2
	None	1