

ACTIVATION	ALERT
<p>***CALL SURGEON IMMEDIATELY UPON NOTIFICATION OF ACTIVATION PATIENT*** The idea is to have the surgeon here WITH the arrival of the patient.</p> <ul style="list-style-type: none"> • GCS \leq 13 • RTS < 11 • Systolic Blood Pressure \leq 90mmHg • Sustained Heart Rate \geq120/bpm • Respiratory Rate <10 or >29 • Children < 5 years with SBP<60 or HR >180 • Children > 5 years with SBP less than 70 + 2X age or HR >160 • Penetrating Injury to the neck, head, chest, abdomen, back • Flail Chest • **Burns—2nd & 3rd degree burns >10% BSA in patients <10 or >50 y/o <ul style="list-style-type: none"> ○ 2nd & 3rd degree burns >20% BSA in other age groups • Two or more proximal long bone fractures (humerus, femur) • Open or depressed skull fracture • Traumatic Paralysis • Amputation proximal to wrist and ankle • Extremity Injury—distal pulse absent • Intubated or potential Airway Compromise 	<p>****Note: THREE Alert criteria is an ACTIVATION****</p> <ul style="list-style-type: none"> • MVC—Ejected/ Rollover/ Motorcycle • MVC---@ Highway Speed • MVC---Auto vs. Pedestrian or Bicycle • MVC---Death in same passenger compartment • MVC---Unrestrained or improperly restrained patient • Penetrating injury to extremity proximal to elbow and knee • Fractures—Any open or pelvic fracture • Falls \geq 10 feet for adults or 2X height of child • Altered Level Of Consciousness, now resolving • Trauma resulting in CPR > 5 minutes prior to arrival

GLASCOW COMA SCALE (GCS)					
Eye Opening		Best Verbal Response		Best Motor Response	
Spontaneous	4	Oriented	5	Obeys command	6
To voice	3	Confused	4	Localizes pain	5
To pain	2	Inappropriate words	3	Withdraws from pain	4
None	1	Incomprehensible	2	Flexion to pain	3
		None	1	Extension to pain	2
				None	1

Parkland Burn Formula
Adult
4ml/kg per % TBSA per 24 hr
Modify to maintain a urine output of 1 ml/kg/hr
Pedi
2-4 ml/kg per % TBSA per 24 hr
Modify to maintain a urine output of 1ml/kg/hr
Be sure to add maintenance fluids for pedi's.

REVISED TRAUMA SCORE (RTS)					
Systolic B/P	Resp Rate		Glascow		
> 89	4	10-29	4	13-15	4
76-89	3	> 29	3	9-12	3
50-75	2	6-9	2	6-8	2
1-49	1	1-5	1	4-5	1
0	0	0	0	3	0

PEDI TRAUMA SCORE (PTS)			
Component	+2	+1	-1
Weight	> 20 kg	10-20 kg	< 10 kg
Airway	Normal	Maintainable	Unmaintainable
CNS	Awake	Obtunded	Comatose
Systolic B/P	> 90	50-90	< 50
Open Wounds	None	Minor	Major/Penetrates
Skeletal	None	Closed Fx	Open/Multiple
If unable to obtain B/P, use the following assignment			
+2	Pulse palpable at radial or brachial artery		
+1	Pulse palpable at groin		
-1	No pulse palpable		

PEDI GLASCOW COMA SCORE (PCS)					
Eye Opening		Best Verbal Response		Best Motor Response	
Spontaneous	4	Coos, babbles	5	normal movements	6
To speech	3	Irritable cries	4	Withdraws to touch	5
To pain	2	Cries to pain	3	Withdraws to pain	4
None	1	Moans to pain	2	Abnormal flexion	3
		None	1	Abnormal extension	2
				None	1