

# NEUROLOGICAL VITAL SIGNS RECORD

**Pupil Size (mm)**

Small: 1, 2, 3, 4  
Mid-Position: 5, 6, 7  
Large: 8, 9

Reaction: N = Normal S = Sluggish F = Fixed

**Key:**  
 \*C = Eyes closed by swelling  
 \*\*D = Dysphasia  
 \*\*\*T = Tracheostomy or Endotracheal Tube

DATE (Y/M/D)		TIME																	
<b>GLASGOW COMA SCALE</b>	<b>*EYES OPEN (E)</b>	Spontaneously	4																
		To speech	3																
		To pain	2																
		None	1																
	<b>**BEST MOTOR RESPONSE (M)</b>	Obeys commands	6																
		Localizes pain	5																
		Withdrawal to pain	4																
		Flexor response	3																
		Extensor response	2																
		None	1																
	<b>***BEST VERBAL RESPONSE (V)</b>	Oriented	5																
		Confused	4																
		Inappropriate words	3																
		Incomprehensible sounds	2																
		None	1																
<b>E + M + V = Total</b>																			
<b>MOTOR ASSESSMENT</b>	<b>PUPILS</b>	<b>R</b>	Size																
			Reaction																
		<b>L</b>	Size																
			Reaction																
	<b>LIMB MOVEMENT</b>	<b>Arm</b>	Normal Power	/															
			Mild Weakness																
			Severe Weakness																
		<b>L/R</b>	Spastic Flexion																
			Extension																
			No Response																
		<b>Leg</b>	Normal Power																
			Mild Weakness																
			Severe Weakness																
			<b>L/R</b>																
	No Response																		
<b>ID</b>																			

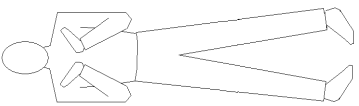
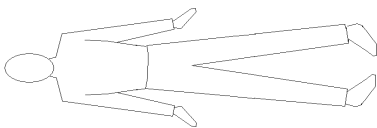
DATE (Y/M/D)															
		TIME													
TEMPERATURE ●	40°													40°	
	39°													39°	
	38°													38°	
	37°													37°	
	36°													36°	
	35°													35°	
	BLOOD PRESSURE V	240													240
		230													230
		220													220
		210													210
		200													200
190														190	
180														180	
170														170	
160														160	
150														150	
140														140	
130														130	
PULSE ●	120													120	
	110													110	
	100													100	
	90													90	
	80													80	
	70													70	
	60													60	
	50													50	
	40													40	
	30													30	
	20													20	
	Respirations (per min)														
SaO <sub>2</sub> (%)															
Pain (0-10)															
ID															
Weight (kg)															
ID															
<b>INTAKE</b>	Oral/Tube (mls)														
	IV/Blood (mls)														
	Hour/Shift Total	/	/	/	/	/	/	/	/	/	/	/	/	/	
	24 Hour Total														
<b>OUTPUT</b>	Urine (mls)														
	Emesis (mls)														
	Stool/Drain (mls)														
	Hour/Shift Total	/	/	/	/	/	/	/	/	/	/	/	/	/	
	24 Hour Total														
ID															

**NOTES**

DATE	TIME	NOTES

**MONITOR STRIPS**

## GLASGOW COMA SCALE

NUMERICAL VALUE		STIMULUS
<b>Eyes Open (E)</b>  C if eyes closed by swelling	4	Spontaneously
	3	To verbal command
	2	To painful stimuli
	1	Does not open to painful stimuli
<b>Best Motor (M) Response</b>  Record best response for either arm  R if Muscle Relaxant	6	Obeys simple command (raises arm, holds up fingers)
	5	Fails to obey command, but will move hands to site of painful stimuli (e.g. trapezius muscle)
	4	Flexion withdrawal; responds to painful stimuli, but does not localize at site of pain, merely flexes with pain
	3	<b>Flexor</b> (Decorticate) posture: <b>flexes</b> and pronates arm, flexes wrist, makes a fist, adducts shoulder to pain  
	2	<b>Extensor</b> (Decerebrate) posture: <b>extends</b> forearm, flexes wrist, makes a fist, adducts and internally rotates shoulder to pain  
1	No motor response to voice or painful stimuli	
<b>Best Verbal (V) Response</b>  T if tracheostomy ET if endotracheal tube	5	Oriented to time, place and person
	4	Not <b>fully</b> oriented
	3	Verbalizes, but not sustained; disorganized, nonsensical
	2	No vocalization, no words but moans or groans
	1	No vocalization, even to painful stimuli

## PEDIATRIC COMA SCALE

NUMERICAL VALUE	OVER 1 YEAR	UNDER 1 YEAR		
<b>Eyes Open (E)</b>  C if eyes closed by swelling	4	Spontaneously	Spontaneously	
	3	To verbal command	To shout	
	2	To pain	To pain	
	1	No response	No response	
<b>Best Motor (M) Response</b>		<b>Over 1 Year</b>	<b>Under 1 Year</b>	
	6	Obeys	Moves Spontaneously	
	5	Localizes pain	Localizes pain	
	4	Flexion withdrawal	Flexion withdrawal	
	3	Flexion abnormal (decorticate rigidity)	Flexion abnormal (decorticate rigidity)	
	2	Extension (decerebrate rigidity)	Extension (decerebrate rigidity)	
1	No response	No response		
<b>Best Verbal (V) Response</b>  T if tracheostomy or ET if endotracheal tube		<b>Over 5 Years</b>	<b>2 – 5 Years</b>	<b>0 – 23 months</b>
	5	Oriented and converses	Appropriate words and phrases	Smiles, coos, cries appropriately
	4	Disoriented and converses	Inappropriate words	Cries
	3	Inappropriate words	Cries and/or screams	Inappropriate crying and/or screaming
	2	Incomprehensible sounds	Grunts	Grunts
1	No response	No response	No response	
<b>Total Score 15</b>				