

CRITICAL LAB VALUES

		Lab Values	Critical Values
BMP			
Calcium		8.6 - 10 mg/dl	$\leq 6, \geq 13$ mg/dl
Cl-		99 - 109	$< 80, > 115$ mEq/L
Gluc.		74 - 106 md/dl	$< 40, > 450$ mg/dl
K+		3.5 - 5.5	$< 2.8, \geq 6.2$
Na++		132 - 146 mEq/L	$\leq 120, \geq 160$ mEq/L
BUN		9 - 23	≥ 80 mg/dl
Creat.	Female	0.5 - 1.1 mg/dl	> 4 mg/dl
	Male	0.7 - 1.3 mg/dl	
Total protein		6.4 - 8.3 g/L	
Albumin		3.2 - 4.8 g/L	
CBC			
Hgb		12.0 - 16.0	$\leq 6.0, \geq 20$ g/dl
Hct	Female	37 - 47,	$\leq 18\%, \geq 60\%$
	Male	40 - 54	
WBC		5.2 - 12.4	$\leq 2.0, \geq 30,000$
RBC	Female	4.2 - 5.4,	
	Male	4.6 - 6.19	
Platelets		130,000 - 400,000	$\leq 40,000, \geq 999,000$
Ultra-Toponin		0.006 - 0.039	0.040 - 0.779 (high) > 0.78 (critical)
Serum Drug Levels			
Carbamazepine		4 - 10 mcg/ml	> 15 mcg/ml
Digoxin		0.8 - 2.0 mg/dl	> 2.0 mg/dl
Gentamycin		peak - 5 - 10 mcg/ml valley - < 2.0 mcg/ml	> 10 mcg/ml
Phenobarbital		15 - 40 mcg/ml	> 40 mcg/ml
Phenyton		10 - 20 mcg/ml	> 20 mcg/ml
Theophylline		10 - 20 mcg/ml	> 20 mcg/ml
Torbramycin		peak - 5 - 10 mcg/ml valley - 0.5 - 2.0 mcg/ml	> 10 mcg/ml
Valproic Acid		50 - 100 mcg/ml	> 125 mcg/ml
Vancomycin		peak - 25 - 40 mcg/ml valley - 5 - 15 mcg/ml	> 30 mcg/ml
Anticoagulant Related and Clotting			
PT		9.0 - 11.7 sec.	> 80 sec.
INR (coumadin)		0.9 - 1.2	> 6
PTT (Heparin Monitoring)		55.0 - 75.0 sec.	> 70 sec.
APTT (therapeutic)		23.3 - 31.9 sec.	SJH $\leq 19, \geq 100$ sec SJE No low, ≥ 100 sec
Fibrinogen		203 - 377 mg/dl	$\leq 100.0, \geq 600.0$ mg/dl
ABG's -norms:			
pH		7.35 - 7.45	
pCO ₂		35 - 45	
pO ₂		80 - 100	
HCO ₃		22 - 25	
BE		-2 / +2	
O ₂ sat		> 95	