

SJH CRITICAL RESULT NOTIFICATION

Lab Department	Test	Critical Result	Other notes
ABG	pH	<7.2 or >7.6	
	PCO2	>90 mm/hg	
	PO2	<45 mm/hg	
	Carboxyhemoglobin	>20% (Child 5%)	
	Met-hemoglobin	>10%	
	ICAL	<0.8 mmol/L or > 1.6 mmol/L	
Blood Bank	Antibody ID	Positive	Or any other issues delaying compatability
Chemistry	Alcohol	>350 mg/dl	
	CA	<6.0 mg/dl or >13.0 mg/dl	
	CREA	>4.0 mg/dl	Outpatient Only
	GLUCOSE	<50 mg/dl or >500 mg/dl Under 18 year of age: Glucose > 200 or Urine Positive Glucose and Positive Ketones	
	NA	<120 mmol/L or >160 mmol/L	
	K	<3.0 mmol/L or > 6.0 mmol/L	
	CO2	<10 mmol/L or >40 mmol/L	
	TBIL	Under 2 years: >15.0 mg/dL	
	LACTIC ACID	>2.0 mmol/L	
	MG	<1.0 mg/dl or >5.0 mg/dl	
	PHOS	<1.0 mg/dl or >8.0 mg/dl	
	hsTNI	M >20pg/mL F >12pg/mL	
Coagulation	FIBRINOGEN	<100 mg/dl	
	INR	>5.0	
	PTT	>45 sec (> 100 sec if on heparin)	
Hematology	WBC	<2000/uL or > 30,000/uL	
	HGB	<6.0 g/dl or > 23 g/dl	
	HCT	<18% or > 55%	
	PLT	<30,000/uL or > 1,000,000/uL	
	Differential	Blasts (if initial tests result or fails delta check	
Microbiology	Blood Cultures	Positive	
	CSF and Joint Fluid Gram Stain and Cultures	Positive Gram Stain or Positive for Growth	
Therapeutic Drug Monitoring	Acetaminophen	>50 ug/ml	
	Carbamazapine (Teg)	> 15 ug/ml	
	Digoxin	>2.5 ng/ml	
	Gentamicin	Tgent >4.0 ug/ml Peak and Random >12.0 ug/ml	Not critical but call to Pharmacy
	Lithium	>1.5 mEq/L	
	Phenobarbitol	>50 ug/ml	
	Phenytoin (Dil)	>30 ug/ml	
	Salicylate	>45 mg/dl	
	Theophylline	>20 ug/ml	
	Valproic Acid	>150 ug/ml	
	Vancomycin	Tvanc >25 ug/ml Peak and Random >50 ug/ml	
	References:		
	CAP-Patient Safety Goals		
	Joint Commission-National Patient Safety Goals		