

**HILLSBORO MEDICAL CENTER
CRITICAL VALUES/TESTS**

	<i>LESS THAN</i>	<i>GREATER THAN</i>
CHEMISTRY		
AMMONIA		≥150 µmol/L
TOTAL BILIRUBIN (NEONATE)		0-1 month ≥15 mg/dL
GLUCOSE		
ADULT	≤54 mg/dL	≥500 mg/dL
NEONATE	0-1 month ≤40	0-1 month ≥300
CO (Carboxyhemoglobin)		>20.0%
CO ₂	≤10 mmol/L	
CALCIUM	≤6.5 mg/dL	≥13.0 mg/dL
Ionized Calcium	≤0.75 mmol/L	≥1.62 mmol/L
LACTIC ACID		> 2.0 mmol/L
MAGNESIUM	≤0.9 mg/dL	≥5.0 mg/dL
PHOSPHORUS	<1.0 mg/dL	
POTASSIUM	≤2.5 mmol/L	≥6.0 mmol/L
SODIUM	≤120 mmol/L	≥160 mmol/L
pO ₂ (arterial)	<40 mmHg	
pCO ₂ , Cord (arterial)		>70 mmHg
pCO ₂ , Cord (venous)		>55 mmHg
pH (arterial, venous, capillary, arterial cord, venous cord)	<7.1	
hsTroponin-I Female Male Unspecified Delta		>75 ng/L >100 ng/L >75 ng/L >11
HEMATOLOGY		
WBC (upon admission)	<2,000/cmm	>40,000/cmm
PLATELETS	≤10 K/mm ³	≥1000 K/mm ³
HEMOGLOBIN	<6.6 g/dL	>20 g/dL
HEMATOCRIT	<19.8%	≥60%
BLASTS		≥5% within 7 days of admission
COAGULATION		
FIBRINOGEN	≤50 mg/dL	
INR of PROTINE		≥5.0
THERAPEUTIC DRUG MONITORS		
ACETAMINOPHEN		>70 µg/mL
CARBAMAZEPINE		≥15 µg/mL
DIGOXIN		≥2.5 ng/mL
GENTAMICIN		Trough: ≥2.0 µg/mL Peak and Random: ≥12.0 µg/mL
LITHIUM		≥1.7 mmol/L
PHENOBARB		≥60 µg/mL
PHENYTOIN		>30 µg/mL
SALICYLATE		≥35 mg/dL
THEOPHYLLINE		>20 µg/mL
VANCOMYCIN		Peak and Random: ≥80 µg/mL
MICROBIOLOGY		
BLOOD CULTURE		POSITIVE

GRAM STAIN		
BODY FLUID		POSITIVE
CSF		POSITIVE
CULTURE		
BODY FLUID		POSITIVE
CSF		POSITIVE