

## BOZEMAN HEALTH CRITICAL VALUES

Test Name	Parameters	Critical Values
Acetaminophen		>150 ug/mL
Blood Alcohol		>400 mg/dL
Blood Gases	pH	<7.20, >7.60
Bilirubin, Direct		>20.0 mg/dL
Bilirubin, Total	0 up to 1 day	>6.0 mg/dL
	1 day up to 2 days	>12.0 mg/dL
	2 days up to 3 days	>15.0 mg/dL
	3 days up to 1 month	>17.0 mg/dL
	≥ 1 month	>20.0 mg/dL
Calcium		<6.0 mg/dL, >14.0 mg/dL
Calcium, Ionized		>1.50 mmol/L
Carbamazepine		>15.0 ug/mL
Carbon Monoxide		>15.0%
CO2		<10 meq/L, >40 meq/L
Digoxin		>2.0 ng/mL
Fibrinogen		<80 mg/dL
Gentamicin	trough	>2.0 ug/mL
	peak	>12.0 ug/mL
Glucose	0 up to 30 days	<40, >400
	≥ 30 days	<50 mg/dL >400 mg/dL
Hematocrit	0 up to 31 days	<21.1%, >69.9%
	≥ 31 days	<21.1%, >59.9%
Hemoglobin	0 up to 31 days	<7.1 g/dL, >23.9 g/dL
	≥ 31 days	<7.1 g/dL, >19.9 g/dL
HIV		Preliminary Reactive
INR		>5.0
Lithium		>1.3 meq/L
Magnesium		<1.0 mg/dL, >4.9 mg/dL
Phenobarbital		>50.0 ug/mL
Phenytoin		>30.0 ug/ml
Phosphorus		<1.0 mg/dL, >8.0 mg/dL
Platelets		<30 K/uL
Potassium		<3.0 meq/L, >6.5 meq/L
PTT		>100 seconds
Salicylate		>30.0 mg/dL
Sodium		<120 meq/L, >160 meq/L
Theophylline		>20.0 ug/mL
Tobramycin	trough	>2.0 ug/mL
	peak	>12.0 ug/mL
Troponin		>0.600 ng/mL
Valproic Acid		>120 ug/mL
Vancomycin	trough	>20.0 ug/mL
	peak	>40.0 ug/mL
White blood count	0 up to 8 days	<2.1 or >38.0 K/uL, OB:<2.1 or >33.9 K/uL
	8 days up to 12 months	<2.1 or >30.0 K/uL, OB:<2.1 or >29.9 K/uL
	≥ 12 months	>29.9 K/uL

## ADDITIONAL CRITICAL VALUES

### MICROBIOLOGY

Blood Cultures	Positive
CSF	Positive gram stain and/or culture
Enteric Pathogen Panel, NAD	<i>Vibrio cholera</i> , Norovirus GI,GII
Group A <i>Strep</i> Confirmatory Culture	Positive
Influenza	Positive
Malaria Smear	Any organisms seen
Meningitis/Encephalitis Panel, NAD	Positive
Multi-drug Resistant Organisms	Vancomycin Resistant <i>S.aureus</i> , Vancomycin Intermediate <i>S.aureus</i> , Methicillin Resistant <i>S.aureus</i> , VRE, CRE, ESBL
Respiratory Pathogen Panel, NAD	Influenza A, Influenza A, H1, influenza A/H3, Influenza A/h1-2009, Influenza B, RSV, <i>Bordetella pertussis</i>
RSV	Positive
Sterile body Fluids	Positive gram stain and/or culture
Stool Isolates, Initial	<i>Salmonella</i> , <i>Shigella</i> , <i>Campylobacter</i> , <i>Yersinia</i> , <i>E coli</i> 0157, <i>Vibrio</i>
Stool Isolates, Inpatient	<i>Clostridium difficile</i>
Systemic Fungal Culture	Positive
TB cultures	Positive smear or Culture

### BLOOD BANK

Crossmatch	Inability to provide crossmatch compatible blood
Transfusion reaction	Any evidence of a hemolytic transfusion reaction

### OTHER

Corrected Lab Results	Any corrected lab result
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