

BCH-Oakland: Critical Results	Page 1 of 1
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Critical Results:

Department	Tests / Findings	Critical Result
Chemistry	Glucose	< 30 or > 170 mg/dL for 0 to 30 days < 50 or > 500 mg/dL for 31 days onwards
	Potassium	< 3.0 or > 6.6 mmol/L
	Calcium	< 6.5 or > 13.5 mg/dL
	Ionized Calcium	< 0.8 or > 1.55 mmol/L
	Sodium	< 125 or > 155 mmol/L
	CO ₂ content	< 15 or > 40 mmol/L
	Magnesium	< 1.0 or > 4.5 mg/dL
	Phosphorous	< 1.0 mg/dL
	Bilirubin, total	> 20 mg/dL
	Chloride	< 70 or > 130 mmol/L
	Cerebrospinal fluid, Glucose	< 30 mg/dL
Hematology	Hemoglobin	< 6.0 or > 25.0 g/dL for female 0 – 14 days < 6.0 or > 25.0 g/dL for male 0 – 6 days < 6.0 or > 24.0 g/dL for male 7 – 14 days
	Hematocrit	< 20.0 or > 65.0 %
	Platelets	< 50 or > 910 x10 ⁹ /L
	WBC	< 1.0 or > 50.0 x10 ⁹ /L
	WBC (CSF)	> 10 WBC/mm ³
	Absolute Neutrophil Count (ANC)	<0.50 x10 ⁹ /L
	Peripheral Smear	Blasts on blood smear (new patient) Presence of parasites
Coagulation	INR	≥ 3
	PT	> 33.0 Seconds
	APTT	> 75.0 Seconds
Microbiology	Gram Stain or Culture (Blood, spinal fluid, brain, pericardial fluid, pleural fluid, or joint fluid)	Positive
	Viral testing (Spinal fluid)	Positive
Anatomic Pathology	Unexpected diagnosis of malignant neoplasm	
	Invasive fungal infection	
	Acute transplant rejection, moderate-severe	
	Bacteria or fungi on Cerebrospinal Fluid cytology	
Transfusion Medicine	DAT (first occasion only)	Positive
	Evidence of a hemolytic transfusion reaction	
	Newly identified antibody or antibody reactivity	