

List of Critical Results:

- 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
CO2 content:	< 15 or > 40 mmol/L
Magnesium:	< 1.0 or > 4.5 mg/dL
Phosphorus:	< 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
Peripheral Smear:	Blasts on blood smear (new patient) Presence of parasites
INR:	≥ 3
PT:	> 33.0 Seconds
APTT:	> 75.0 Seconds

- Microbiology:

Positive gram stain or culture from blood or spinal fluid.
Positive gram stain or culture from brain, pericardial fluid, pleural fluid, or joint fluid.
Positive viral testing on spinal fluid.

- Anatomic Pathology:

Unexpected diagnosis of malignant neoplasm
Invasive fungal infection
Acute transplant rejection, moderate-severe
Bacteria or fungi on Cerebrospinal Fluid cytology

- Blood Bank

Positive DAT (First Occasion Only)
Evidence of a hemolytic transfusion reaction; newly identified antibody or antibody reactivity

6. Critical Tests:

STAT Troponin
STAT Methotrexate
STAT Tacrolimus
STAT Cyclosporine
STAT Qualitative B-HCG