

CORE LAB HEMATOLOGY CRITICAL VALUES

Listed below are the established critical limits for the Hematology area. Results exceeding these limits are flagged as critical in the Laboratory Information System (LIS) and must be called to the patient's caregiver or physician. Certain life-threatening critical levels will be called each time the result is obtained (analyte with asterisk). Critical results for the other analytes will be called the first time obtained on a patient and again when status returns to critical. All outpatient critical results are called.

<u>Coagulation</u>	
Factor 8, Factor 9	<15%
Fibrinogen	< 100 mg %
*PT INR	> 4.0
*PTT	> 100 seconds
*Heparin, Quant Assay	> 0.80 IU/mL
<u>Hematology</u>	
Hematocrit	< 21%
	< 30% (< 1 month old)
*Hemoglobin	< 9.5 g/dL or > 25.0 g/dL (newborns 0-1 month)
	< 7.0 g/dL or > 18.5 g/dL (non newborns)
Malaria prep	All positives
*Platelet Count	< 40 x10 ³ /uL (Call at first occurrence and call again if most recent previous result was not critical).
	< 10 x10 ³ /uL (call every time)
	> 1000 x10 ³ /uL (Call at first occurrence and call again if most recent previous result was not critical).
Sickle Cell Prep	All positives on pre-ops
WBC	< 1.0 x10 ³ /uL (Call at first occurrence and call again if most recent previous result was not critical). See exception 1 below.
	> 40.0 x10 ³ /uL (Call at first occurrence and call again if most recent previous result was not critical).
	<u>Exception 1:</u> OHSCU Bone marrow transplant patients & LTCC inpatients & Cancer Center Treatment Center (CCTX) with physicians on the approved provider list: Call only upper limit critical WBC

Absolute Neutrophil Count	< 0.5 x10 ³ /uL (see exception 2 below)
	<u>Exception 2:</u> OHSCU Bone marrow transplant patients and LTCC inpatients & Cancer Center Treatment Center (CCTX) with physicians on the approved provider list.
WBC (CSF)	> 10 / uL (> 1 year of age)
	>40 / uL (0-1 year of age)

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