

### NEBRASKA MEDICINE—HEMATOLOGY / COAGULATION

Listed below are the established critical limits for the Nebraska Medicine Hematology & Coagulation areas, University Health Center-UNL Lab and Internal Medicine Associates-Grand Island. Results exceeding these limits are flagged as critical in the 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 in bold print with asterisk**). Critical results for the other analytes will be called the first time obtained on a patient during one inpatient admission AND whenever it returns to critical status again. Outpatient criticals are called every time.

At the discretion of the section and with medical director approval, arrangements may be made to call non-critical values which are of concern.

#### \*ANALYTE IN BOLD=CALL EVERY TIME!

<b>Coagulation:</b>	
Fibrinogen	< 100 mg/dL
<b>*PT INR</b>	<b>&gt; 4.0</b>
<b>*PTT</b>	<b>&gt; 100 seconds</b>
Factor VIII	<15 % on patients unknown to Nebraska Medicine
<b>*Heparin Quantitative Test</b>	<b>&gt;0.80 IU/mL</b>
<b>Hematology:</b>	
<b>*Hemoglobin (&lt; 7 month)</b>	<b>&lt; 9.5 g/dL</b> <b>&gt; 25.0 g/dL</b>
<b>*Hemoglobin (≥ 7 months)</b>	<b>&lt; 6.5 g/dL</b> <b>&gt; 20.9 g/dL</b>
<b>*Platelet Count</b>	<b>&lt; 10 x10<sup>3</sup>/uL</b> < 40 x10 <sup>3</sup> /uL > 1000 x10 <sup>3</sup> /uL
Sickle Cell Prep	all positives on pre-ops
WBC	< 1.0 x10 <sup>3</sup> /uL <b>(See exception 1 below)</b> > 40.0 x10 <sup>3</sup> /uL
Absolute Neutrophil Count	< 0.5 x10 <sup>3</sup> /uL(see exception 2 below)
<b>Exception 1: Werner SCU Bone marrow transplant patients, Werner &amp; Buffett Cancer Center inpatients: Call only upper limit critical WBC.</b>	
<b>Exception 2: Werner SCU Bone marrow transplant patients, Werner and Buffett Cancer Center inpatients.</b>	
<b>[These exceptions were identified &amp; received the approval of the Medical Director of Core Lab and the Medical Directors of the clinical areas requesting the exceptions.]</b>	
WBC (CSF)	> 10 / uL (> 1 year of age) >40 / uL (0-1 year of age)
<b>Kleihauer</b>	<b>All positives</b>
Malaria Preps	All positives