

## Laboratory Testing Update

**Date: 11/27/2024**

**To: All Providers**

**Re: Hematology Critical Value policy change**

Starting on December 10<sup>th</sup>, the Hematology department will be changing how critical values for hemoglobin (**Hgb**), hematocrit (**Hct**), platelet count (**Plt**), white blood count (**WBC**) and the absolute neutrophil count (**ANC**) are called. **Hemoglobin, hematocrit and platelet count** will be called **first time within 24 hours**. **White blood count and the absolute neutrophil count** will be called **first time within 48 hours**.

**All critical value changes are approved by the St. Elizabeth Medical Executive Committee.** Any questions or concerns, please call Chris Sullinger, Hematology Manager at 859-301-0792 or send me an email at [chris.sullinger@stelizabeth.com](mailto:chris.sullinger@stelizabeth.com).

HEMATOLOGY			
Test Name	Age	Critical Low	Critical High
Hematocrit **First time w/in 24 hrs	Newborn up to 1 week	< 30%	> 70%
	1 week up to 1 month	< 30%	> 65%
	1 month to adult	< 21%	> 60%
Hemoglobin **First time w/in 24 hrs	Newborn up to 1 week	< 10 g/dL	> 23 g/dl
	1 week up to 1 month	< 10 g/dl	> 22 g/dl
	1 month to adult	< 7 g/dL	> 20 g/dL
Neutrophils, Absolute **First time w/in 48 hrs		$\leq 0.5 \times 10^3/\mu\text{L}$	
Platelets, Blood **First time w/in 24 hrs		$< 40 \times 10^3/\mu\text{L}$	$> 1,000 \times 10^3/\mu\text{L}$
White Blood Cells **First time w/in 48 hrs		$< 1.5 \times 10^3/\mu\text{L}$	$> 50 \times 10^3/\mu\text{L}$