

Pathology and Laboratory Medicine Memorandum

To: Central Zone Healthcare Providers and Health Service Directors

From: Dr. Rob Liwski, Chief of Service Hematopathology, Central Zone
Cindy Andrews, Manager, Core Lab QEII Sites

Date: July 12, 2021

Message: Changes to critical Hematology and INR values in the Central Zone

Please be advised that effective July 26, 2021, the following changes to critical values are as indicated in the table below:

Test	Unit	Previous critical range	New critical range
White blood cell (WBC)	$\times 10^9/L$	< 1.50 and > 30.00	> 100.00
Hemoglobin (HGB)	g/L	< 70 (Age: > 15 days)	< 60 (<i>all ages</i>)
Hemoglobin (HGB)	g/L	< 100 (Age: 0–15 days)	
Platelet (PLT)	$\times 10^9/L$	< 30 (Age: > 18 years)	< 20 (<i>all ages</i>)
Platelet (PLT)	$\times 10^9/L$	< 75 (Age: 0–18 years)	
Absolute Neutrophil (ANC)	$\times 10^9/L$	< 0.50	< 0.20
INR		> or = 5.0	> or = 6.0

If you have questions or concerns please contact Dr. Rob Liwski 902-403-7615.