



Westman Laboratory
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LABORATORY COMMUNICATION Hematology Critical Value Process Effective August 02, 2011

Westman Laboratory will implement a revised process for Hematology critical value notification effective August 02, 2011.

- Critical Hematology values may require urgent evaluation/action by the Physician.
- Critical test results will be communicated by the laboratory to the physician/designate directly responsible for the patient's care (ideally the responsible physician or nurse in charge of the patient's care) by direct verbal communication or electronic/paper communication along with verbal notification.
- See the critical value list below for testing done at Westman Laboratory.

Hematology Critical Values

Test	Result /Observations	Notification Action
WBC	< 2.0 or >30 $10^9/L$	Unexpected 1 st encounter
HBG	≤ 80 g/L	1 st time same day
PLT	< 50 x $10^9/L$ < 20 x $10^9/L$	1 st time same day Every time
WBC Differential	Suspect leukemia	1 st encounter (with statement that Hematopathologist review pending)
Red Cell Morphology	<ul style="list-style-type: none">• >6 spherocytes / HPF• >6 Schistocytes / HPF• Increased sickle cells	1 st time 1 st time 1 st time
Malaria	Positive	(With statement that confirmation pending)
CSF TNCC (Total nucleated cell count)	≥ 10 x $10^6/L$	Every time
CSF /Fluid Morphology	Abnormal /suspect cells observed	Every time (With statement that Hematopathologist review pending)
INR	≥ 5.0	Every time
APTT	> 150 s	Every time
Clauss Fibrinogen	< 1.0 g/L	Every time
Fetal cell stain	Positive	Every time

Please direct questions or concerns to the DSM Hematology Discipline Team.

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