

Procedure HOOPLAB3150

Subject	HOOPLAB3150 - Critical Laboratory Value Communications		
Department / Location	Hoopeston Lab / Procedures		
Owner	East Region Laboratory Manager		
Reviewer(s)			
Effective Date	01/13	Review Frequency	1 Year
Approval Date	04/04/2024		
Additional Scope			

Attachments N/A

Purpose

A. Method / Principle

1. To define which verified laboratory test result indicates a severe illness or a life threatening condition. An alert value result requires laboratory staff to initiate notification of the ordering physician, or others as defined in the notification procedure within 5 minutes for ED/Inpatients and up to 30 minutes for outpatients of result verification.

Definitions N/A

Statement of Policy

- A. It is the policy of Carle Hoopeston Regional Health Center Laboratory to **verbally** notify the ordering physician, or others as defined in the notification procedure, whenever the verified result of a pre-defined laboratory test exceeds the limits stated below.
- B. When communicating results about a patient with a caregiver, two patient identifiers will be used.
 1. When communicating with a Carle caregiver, the patient's full name and medical record number will be used as the identifiers.
 2. When communicating with non-Carle caregivers, the patient's full name and date of birth will be used.
- C. Laboratory staff will request that the person receiving the verbal result repeat/read back the result.
 1. Documentation of the telephone call (date, time, first and last name, credential, and read/repeat back confirmation) is recorded in the LIS call box.
 2. Read/repeat back confirmation is noted using RB.
- D. All Alert values will be reviewed and documented by the section manager or designee.
- E. When lab staff receives verbal alert values from Reference Laboratories, they will read back the results to the caller to ensure correct transfer of information.
 1. Documentation of the telephone call and result read back will be placed in the order comment section of the LIS order.

Test	<u>Alert</u>
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HGB	≤8.0 ≥22.0
HCT	≤20.0 ≥60.0
PLATELET	≤30 (Oncology ≤10) ≥1000
DIFF	>5% immature cells >75% lymphocytes
WBC	≤2.5 ≥30 OP ≤2.0 ≥25 IP Excluding Oncology
DDIMER	≥0.5
TROPONIN	≥105
NA	≤120 ≥160
K	≤2.8 ≥6.2
GLUCOSE	≤54 ≥400
CA	≤6.0 ≥13.0
CREATININE	≥5.0
PHOS	≤1.0 ≥10.0
MG	≤1.2 ≥5.0
PH	<7.30 >7.50
PCO2	<30 >50
PO2	≤84 absurd ≥151
ACETAMINOPHEN	≥30.0
DIGOXIN	>2.0
PHENYTOIN	>20
SALICYLATE	≥30.0
VALPROIC ACID	≥150
PROTIME	INR ≥5.0
PTT	≤19.0 ≥53.8 OP ≥150.1 IP
CSF GLUC	≤30 ≥280
CSF	Positive
BLOOD CULTURE	Positive
UNIT TRANSFUSION	Reaction
ANTIBODY SCREEN	Positive
VANCOMYCIN TROUGH	≥20

Other Related Links N/A

References N/A

Electronic Approval on File

Ikechukwu L. Uzoaru, MD
Hoopeston Laboratory Medical Director